

Journal of the British Society of Gastroenterology which is a registered charity

Editor: R N Allan Technical Editor: **Jackie Foulds**

Editorial Assistant: Michelle Dimler Review Editor: Ian Forgacs

EDITORIAL BOARD

J Dent (Australia)

T G Cooke M J P Arthur D Rampton R G Newcombe (Statistical adviser)

DCCBartolo C A Hart P J Shorvon

D Swallow I S Benjamin C J Hawkey **Editor**

D G Thompson British Medical Journal P Bland

S G Hubscher

J Neuberger B J R Whittle J Calam H O'Connor DCA Candy

R Chapman P Quirke

INTERNATIONAL ADVISORY BOARD

BS Anand (USA) D Y Graham (USA) R Modigliani (France) C Arvanitakis (Greece) J Hansky (Australia) T Muto (Japan)

G Paumgartner (Germany) G P van Berge Henegouwen J Heathcote (Canada)

EW Pomare (New Zealand) (Netherlands) R H Hunt (Canada) D Rachmilewitz (Israel) G Bianchi-Porro (Italy) J R Jass (New Zealand) J Rask-Madsen (Denmark)

A L Blum (Switzerland) S-J Jiang (China) E Rene (France) M van Blankenstein S J Konturek (Poland)

J-R Malagelada (Spain)

A Torsoli (Italy) (Netherlands) S K Lam (Hong Kong) J P Delmont (France) M M Levine (USA)

1776 Book reviews. Notes

students may not necessarily be attached to the gastroenterology unit during their training, they may not see that many patients with gastrointestinal disease and, for them, I would have thought that this atlas would be fun as well as being informative.

My favourite picture is that of *Triatoma magistrus* – no problem seeing why this particular beast might cause havoc to the myenteric plexus. Having last seen, but never forgotten, the pus of an amoebic abscess (anchovy sauce on fish fingers every other Friday) at my prep school, circa 1966, I thought the hue inside the saucebowl (Fig 11.62) was a touch too red rather than pink-grey. While on the subject of Escoffier's contribution to our specialty, I was sorry to see that redcurrant jelly did not make it into any of the photographs of stools.

The first edition was a very good picture book, as those who have slide sets from the original will know. This revision is a timely update, which is beautifully produced with the single exception that the similarity in style between pagination of text and numbering of figures is seriously confusing throughout.

IAN FORGACS

NOTES

Cross-Sectional Imaging

A seminar designed for the radiologist in clinical practice will be held at El Conquistador Resort, Puerto Rico on 30 January-4 February 1995. Further information from Janice Ford, Hospital of the

University of Pennsylvania, 3400 Spruce Street, 1 Silverstein Building, Philadelphia, PA 19104, USA. Tel: 215 662 6904; fax: 215 340 5025

Magnetic Resonance Imaging

A course designed to provide a state of the art summary of both neuroradiological and body applications of MR imaging will be held at Hapuna Prince Resort, The Big Island of Hawaii on 13-18 February 1995. Further information from: Janice Ford, Hospital of the University of Pennsylvania, 3400 Spruce Street, 1 Silverstein Building, Philadelphia, PA 19104, USA. Tel: 215 662 6904; fax: 215 349 5925.

Gall stone disease and its treatment – with live demonstrations

This congress will be held at Academic Medical Center, University of Amsterdam, The Netherlands on 12–13 January 1995. Further information from: Mrs Helma Stockmann, European Postgraduate Gastro-Surgical School, G-4-109.3, Academic Medical Center, Meibergdreef 9, 1105 AZ Amsterdam, The Netherlands. Tel: 31 20 5663926; fax: 31 20 69114858.

Therapeutic endoscopy

The XIIIth European Workshop on Therapeutic Digestive Endoscopy will be held at the Erasme Hospital, ULB, Brussels, Belgium on 13-15 June, 1995. Further information from Mrs Françoise REY, Conference Services, Avenue de l'Observatoire 3, box 17 B-1180 Brussels, Belgium. Tel: 32 2 375 16 48; fax: 32 2 375 32 99.

Helicobacter pylori

The VIIIth International Workshop on Gastroduodenal pathology and *Helicobacter pylori* will be held at the Heriot Watt University Conference Centre in Edinburgh, Scotland, on 7-9 July 1995. Further information from VIIIth EHPSG, Confrex, 145 Islingword Road, Brighton, BN2 2SH. Tel: 44 273 623 123; fax: 44 273 622 944.

Gastrointestinal motility

The XVth International Symposium on Gastrointestinal Motility will be held on 5-9 November, 1995 at Hotel Villa Pamphili, Rome, Italy. Further information from Dr Enrico Corazziari, Chairman, Cattedra di Gastroenterologia I, Clinica Medica 2, Policlinico Umberto I, 00161 Rome, Italy. Tel/fax: +39 6 446-9965.

Gastroenterology and digestive endoscopy

The 27th Argentine Congress of Gastroenterology, the 14th Congress of Digestive Endoscopy, and the 4th Meeting of Pediatric Gastroenterology and Nourishment, will be held in Buenos Aires, Argentina, from 5–10 November 1995. Further information from: Gastroenterology: Dr Fernando Magnanini, J E Urburu 1252-4 PD, (1114) Buenos Aires, Argentina. Tel and fax: 541 806 7871. Endoscopy: Dr Alejandro Ramirez, Ana Juan Congresos, Sarmiento 1562-4 PF, (1042) Buenos Aires, Argentina. Tel: 381 1777/384 5376; fax: 541 382 6703.



Journal of the British Society of Gastroenterology which is a registered charity

VOLUME 35 · 1994

Editor: R N Allan Technical Editor: Jackie Foulds

Review Editor: Ian Forgacs Editorial Assistant: Michelle Dimler

EDITORIAL BOARD

M J P Arthur T G Cooke D Rampton R G Newcombe

D C C Bartolo C A Hart P J Shorvon (Statistical adviser)

I S Benjamin C J Hawkey D Swallow Editor

P Bland S G Hubscher D G Thompson British Medical Journal

J Calam J Neuberger B J R Whittle

D C A Candy H O'Connor
R Chapman P Quirke

INTERNATIONAL ADVISORY BOARD

B S Anand (USA) D Y Graham (USA) R Modigliani (France)

C Arvanitakis (Greece) J Hansky (Australia) T Muto (Japan)
G P van Berge Henegouwen J Heathcote (Canada) G Paumgartner (Germany)
(Netherlands) R H Hunt (Canada) E W Pomare (New Zealand)

(Netherlands) R H Hunt (Canada) E W Pomare (New Zealand)
G Bianchi-Porro (Italy) J R Jass (New Zealand) D Rachmilewitz (Israel)

A L Blum (Switzerland)

S-J Jiang (China)

J Rask-Madsen (Denmark)

M van Blankenstein S J Konturek (Poland) E Rene (France) (Netherlands) S K Lam (Hong Kong) A Torsoli (Italy)

J P Delmont (France)

J P M M Levine (USA)

J Dent (Australia)

J-R Malagelada (Spain)

VOLUME 35 · CONTENTS

No 1 JANUARY 1994

Page Leading articles

- Travellers' diarrhoea MJG Farthing
- Why measure C reactive protein? MZ Mazlam, HJ F Hodgson

Oesophageal reflux

8 Predictive factors of the long term outcome in gastro-oesophageal reflux disease: six year follow up of 107 patients Elbio Kuster, Emilio Ros, Victor Toledo-Pimentel, Amadeo Pujol, Josep M Bordas, Luis Grande, Cristóbal Pera

- 15 One week's anti-Helicobacter pylori treatment for duodenal ulcer RPH Logan, PA Gummett, JJ Misiewicz, Q N Karim, M M Walker, J H Baron
- Evidence for the essential role of Helicobacter pylori in gastric ulcer disease J Labenz, G Börsch
- Duodenal bacterial overgrowth during treatment in outpatients with omeprazole Michael Fried, Hans Siegrist, Reno Frei, Florian Froehlich, Philippe Duroux, Joel Thorens, André Blum, Jacques Bille, Jean J Gonvers, Klaus Gyr

Small intestine

- Effect of the quarternary ammonium compound trospium chloride on 24 hour jejunal motility in healthy subjects T Schmidt, R Widmer, A Pfeiffer, H Kaess
- Lipid peroxidation and electrogenic ion transport in the jejunum of the vitamin E deficient rat KJ Lindley, MA Goss-Sampson, DPR Muller, PJ Milla
- Effects of endotoxin and dexamethasone on group I and II phospholipase A2 in rat ileum and stomach I Lilja, J Dimberg, R Sjödahl, C Tagesson, C Gustafson-Svärd
- 46 Immunohistochemical localisation of intercellular adhesion molecule-1 in follicle associated epithelium of Peyer's patches Y Fujimura, T Kihara
- Phenotypic and genotypic variation in Giardia lamblia isolates during chronic infection PD Butcher, A M Cevallos, S Carnaby, E M Alstead, E T Swarbrick, M J G Farthing

- 55 Immunohistochemical changes in the jejunum in first degree relatives of patients with coeliac disease and the coeliac disease marker DQ genes. HLA class II antigen expression, interleukin-2 receptor positive cells and dividing crypt cells K Holm, E Savilahti, S Koskimies, V Lipsanen, M Mäki
- Serological screening suggests that adult coeliac disease is underdiagnosed in the UK and increases the incidence by up to 12% DJ Unsworth, DL Brown
 Coeliac disease in the elderly GL Hankey, GK T Holmes
- 65

- Intestinal permeability in patients with Crohn's disease and ulcerative colitis and their first degree relatives P Munkholm, E Langholz, D Hollander, K Thornberg, M Orholm, K D Katz, V Binder
- Butyrate oxidation is impaired in the colonic mucosa of sufferers of quiescent ulcerative colitis MAS Chapman, M F Grahn, M A Boyle, M Hutton, J Rogers, N S Williams
- Interrelations between interleukin-6, interleukin-1β, plasma C-reactive protein values, and in vitro C-reactive protein generation in patients with inflammatory bowel disease MZ Mazlam, HJF Hodgson
- Liver disease in ulcerative colitis: an epidemiological and follow up study in the county of Stockholm U Broomé, H Glaumann, G Hellers, B Nilsson, J Sörstad, R Hultcrantz
 Bile acid malabsorption in Crohn's disease and indications for its assessment using SeHCAT H Nyhlin,
- M V Merrick, M A Eastwood
- Pathogenesis of gall stones in Crohn's disease: an alternative explanation R Hutchinson, P N M Tyrrell, D Kumar, J A Dunn, J K W Li, R N Allan

Liver

- Expression of mutant p53 protein in hepatocellular carcinoma J D Collier, M Carpenter, A D Burt, 98 M F Bassendine
- Acute fatty liver of pregnancy: a clinical study of 12 episodes in 11 patients Humberto Reyes, Lorena Sandoval, 101 Andres Wainstein, Jose Ribalta, Sergio Donoso, Gladys Smok, Helmar Rosenberg, Manuel Meneses

- 107 Cigarette smoking and parity as risk factors for the development of symptomatic gall bladder disease in women: results of the Royal College of General Practitioners' oral contraception study FE Murray, RFA Logan, PC Hannaford, CR Kay
- Duodenal bile examination in identifying potential non-responders to bile salt treatment and its comparison with 112 gall bladder bile examination DK Agarwal, G Choudhuri, VA Saraswat, TS Negi, VK Kapoor, R Saxena
- Gall stone pulverisation strategy in patients treated with extracorporeal lithotripsy and follow up results of maintenance treatment with ursodeoxycholic acid M Boscaini, M Piccinni-Leopardi, F Andreotti, A Montori

- Management of common bile duct stricture caused by chronic pancreatitis with metal mesh self expandable stents 122 J Deviere, M Cremer, M Baize, J Love, B Sugai, A Vandermeeren
- 127 Endoscopic sphincteroplasty: a novel and safe alternative to papillotomy in the management of bile duct stones P Mac Mathuna, P White, E Clarke, J Lennon, J Crowe

- 130 Intramural haematoma of the oesophagus complicating sclerotherapy for varices E Mosimann, B Brönnimann
- Multifocal osteonecrosis related to steroid treatment in a patient with ulcerative colitis PV Madsen, 132 G Andersen

Special report

- 135 Specialist training in gastroenterology in the European Community: the case for European Boards European Board of Gastroenterology
- **BSG President's report for 1992-93** 139
- 140 Letters to the editor
- 142 Referees

No 2 FEBRUARY 1994

Leading articles

- 145 Cholera and severe toxigenic diarrhoeas DR Nalin
- 150 Bone mineral density in coeliac disease 7 R F Walters

Oesophagus

- 152 Stimulation and characteristics of secondary oesophageal peristalsis in normal subjects MN Schoeman, RH Holloway
- 159 Strain induced augmentation of upper oesophageal sphincter pressure in children J Willing, Y Furukawa, G P Davidson. 7 Dent
- Diminished oesophageal traction forces with swallowing in gastro-oesophageal reflux disease and in functional dysphagia D Williams, D G Thompson, M Marples, L Heggie, T O'Hanrahan, J Bancewicz

Stomach

- 172 Postprandial antropyloroduodenal motility and gastric emptying in gastroparesis effects of cisapride R J Fraser, M Horowitz, A F Maddox, J Dent
- 179 Helicobacter pylori stimulates antral mucosal reactive oxygen metabolite production in vivo GR Davies, NJ Simmonds, TRJ Stevens, MT Sheaff, N Banatvala, IF Laurenson, DR Blake, DS Rampton
- Superior mesenteric artery blood flow and gastric emptying in humans and the differential effects of high fat and high carbohydrate meals MB Sidery, IA Macdonald, PE Blackshaw
- 191 A database on dyspepsia GP Crean, RJ Holden, RP Knill-Jones, AD Beattie, WB James, FM Marjoribanks, DJ Spiegelhalter

Small intestine

- 203 Ambulatory small intestinal motility in 'diarrhoea' predominant irritable bowel syndrome DA Gorard, GW Libby, M 7 G Farthing
- 211 Absorption of a hypotonic oral rehydration solution in a human model of cholera JB Hunt, A V Thillainayagam, S Carnaby, P D Fairclough, M L Clark, M J G Farthing
- Tumour necrosis factor and endotoxin synergistically activate intestinal phospholipase A₂ in mice. Role of endogenous platelet activating factor and effect of exogenous platelet activating factor X Sun, M S Caplan, W Hsueh

Inflammatory bowel disease

- 220 Surgical resections in parous patients with distal ileal and colonic Crohn's disease C U Nwokolo, W C Tan, H A Andrews, R N Allan
- 224 Enzyme linked immunosorbent assay (ELISA) and immunoprecipitation studies on anti-goblet cell antibody using a mucin producing cell line in patients with inflammatory bowel disease T Hibi, M Ohara, K Kobayashi, W R Brown, K Toda, H Takaishi, Y Hosoda, A Hayashi, Y Iwao, M Watanabe, S Aiso, Y Kawai, M Tsuchiya
- Correlations between clinical activity, endoscopic severity, and biological parameters in colonic or ileocolonic Crohn's disease. A prospective multicentre study of 121 cases C Cellier, T Sahmoud, E Froguel, A Adenis, J Belaiche, J-F Bretagne, C Florent, M Bouvry, J-Y Mary, R Modigliani, and the Groupe d'Etudes Thérapeutiques des Affections Inflammatoires Digestives
- Faecal diversion for Crohn's colitis: a model to study the role of the faecal stream in the inflammatory process M C Winslet, A Allan, V Poxon, D Youngs, M R B Keighley
- Pouchitis recurrence of the inflammatory bowel disease? P Luukkonen, H Järvinen, M Tanskanen, A Kahri

Large intestine

- Effect of nicotine on rectal mucus and mucosal eicosanoids F J Zijlstra, E D Srivastava, M Rhodes, A P M van Dijk, F Fogg, H J Samson, M Copeman, M A H Russell, C Feyerabend, G T Williams, R D Pullan, G A O Thomas, M Van Blankenstein, J H P Wilson, A Allen, J Rhodes
- 252 Effects of biofeedback on obstructive defecation reconditioning of the defecation reflex? M Papachrysostomou, A N Smith

Liver

- 257 Longterm outcome after injection sclerotherapy for oesophageal varices in children with extrahepatic portal hypertension MD Stringer, ER Howard
- Antimitochondrial antibody negative primary biliary cirrhosis: a distinct syndrome of autoimmune cholangitis P Michieletti, I R Wanless, A Katz, PJ Scheuer, SJ Yeaman, M F Bassendine, J M Palmer, EJ Heathcote

Pancreas

- 266 Expression of glutathione S-transferases in normal and malignant pancreas: an immunohistochemical study J D Collier, M K Bennett, A Hall, A R Cattan, R Lendrum, M F Bassendine
- 270 Cholecystokinin type B receptor antagonist PD-136, 450 is a partial secretory agonist in the stomach and a full agonist in the pancreas of the rat A Schmassmann, A Garner, B Flogerzi, M Y Hasan, M Sanner, L Varga, E Halter

Case reports

- 275 Argyrophil cell hyperplasia and a carcinoid tumour in the stomach of a patient with sporadic Zollinger-Ellison syndrome *GE Feurle*
- 278 Crohn's disease and myasthenia gravis: a possible role for thymectomy IA Finnie, R Shields, R Sutton, R Donnelly, A I Morris
- 280 Pulmonary hypertension associated with primary biliary cirrhosis in the absence of portal hypertension: a case report EM Yoshida, SR Erb, DN Ostrow, DR Ricci, CH Scudamore, GFradet
- 283 BSG President's report
- 284 Letters to the editor Notes

No 3 MARCH 1994

Leading articles

- 289 Parasitic infections of the small intestine J Jernigan, R L Guerrant, R D Pearson
- 294 Epithelial cell lineages in developing, restoring, and transforming liver: evidence for the existence of a 'differentiation window' N Marceau
- 297 Inflammatory mediators in the oesophagus G P Morgan, J G Williams

Oesophagus

- 299 Palliation of malignant dysphagia by ethanol induced tumour necrosis C U Nwokolo, J J Payne-James, D B A Silk, J J Misiewicz, D E Loft
- 304 Simultaneous two level oesophageal pH monitoring in healthy controls and patients with oesophagitis: comparison between two positions P Singh, R H Taylor, D G Colin-Jones

Helicobacter pylori

- 309 Prevalence of peptic ulcer in Helicobacter pylori positive blood donors D Vaira, M Miglioli, P Mulè, J Holton, M Menegatti, M Vergura, G Biasco, R Conte, R P H Logan, L Barbara
- 313 High prevalence of Helicobacter pylori infection in cohabiting children. Epidemiology of a cluster, with special emphasis on molecular typing P Vincent, F Gottrand, P Pernes, M O Husson, M Lecomte-Houcke, D Turck, H Leclerc
- 317 Effect of Helicobacter pylori and its eradication on gastric juice ascorbic acid S Banerjee, C Hawksby, S Miller, S Dahill, A D Beattie, K E L McColl

- 323 Eradication of Helicobacter pylori with clarithromycin and omeprazole RPH Logan, PA Gummett, H D Schaufelberger, R R F H Greaves, G M Mendelson, M M Walker, P H Thomas, J H Baron, J J Misiewicz Gastric motility
- 327 Abnormal intragastric distribution of food during gastric emptying in functional dyspepsia patients LEA Troncon, RJ M Bennett, NK Ahluwalia, DG Thompson
- Pharmacological modulation of gastric emptying rate of solids as measured by the carbon labelled octanoic acid 333 breath test: influence of erythromycin and propantheline BD Maes, MI Hiele, BJ Geypens, PJ Rutgeerts, Y F Ghoos, G Vantrappen

Small intestine

- Polarised interleukin 8 secretion by HT 29/19A cells KM Lammers, J Jansen, PB Bijlsma, M Ceska, 338 GNJ Tytgat, CL Laboisse, SJH van Deventer
- 343 Cholesterol synthesis and high density lipoprotein uptake are regulated independently in rat small intestinal epithelium C Lutton, G Champarnaud

Inflammatory bowel disease

- Lower gastrointestinal malignancy in Crohn's disease WR Connell, J.P. Sheffield, MA Kamm, J.K. Ritchie, 347 PR Hawley, JE Lennard-Jones
- 353 Thickness of adherent mucus gel on colonic mucosa in humans and its relevance to colitis RD Pullan, GAO Thomas, M Rhodes, RG Newcombe, GT Williams, A Allen, J Rhodes
- Frequency of glucocorticoid resistance and dependency in Crohn's disease P Munkholm, E Langholz, 360 M Davidsen, V Binder
- 363 Controlled trial of anti-tuberculous chemotherapy for two years in Crohn's disease GL Swift, ED Srivastava, R Stone, R D Pullan, R G Newcombe, J Rhodes, S Wilkinson, P Rhodes, G Roberts, B W Lawrie, K T Evans, PA Jenkins, GT Williams, G Strohmeyer, G Kreuzpaintner, GA O Thomas, B Calcraft, PS Davies, TJ Morris,
- 369 Incidence of inflammatory bowel disease in north west Greece: rarity of Crohn's disease in an area where ulcerative colitis is common EV Tsianos, CN Masalas, M Merkouropoulos, GN Dalekos, RFA Logan
- 373 Ileitis after colectomy for ulcerative colitis or carcinoma A Hallak, M Baratz, M Santo, Z Halpern, M Rabau, N Werbin, T Gilat

Large intestine

- 377 Desmoid tumours in familial adenomatous polyposis AK Gurbuz, RM Giardiello, GM Petersen, AJ Krush, GJA Offerhaus, SV Booker, MC Kerr, SR Hamilton
- 382 Human colorectal tumour infiltrating lymphocytes express activation markers and the CD45RO molecule, showing a primed population of lymphocytes in the tumour area B Ostenstad, T Lea, E Schlichting, M Harboe Pelvic floor function in multiple sclerosis J S Jameson, J Rogers, Y W Chia, J J Misiewicz, M M Henry, M Swash
- 388
- 391 Fistulas in ano: endoanal ultrasonographic assessment assists decision making for surgery KI Deen, J G Williams, R Hutchinson, M R B Keighley, D Kumar

Liver

395 Focused liver ablation by cavitation in the rabbit: a potential new method of extracorporeal treatment F Prat, J-Y Chapelon, F Abou El Fadil, A Sibille, Y Theillière, T Ponchon, D Cathignol

401 Origin and development of exocrine pancreatic insufficiency in experimental renal failure MM Lerch, P Hoppe-Seyler, W Gerok

Endoscopy

Oxygen saturation during endoscopic retrograde cholangiopancreatography: a comparison of two protocols of oxygen administration JD Rigg, TC Watt, DEF Tweedle, DF Martin

- Non-adrenergic non-cholinergic inhibitory innervation shown by electrical field stimulation of isolated strips of 412 human gall bladder muscle M. L. McKirdy, H. C. McKirdy, C. D. Johnson
 Pulverisation of calcified and non-calcified gall bladder stones: extracorporeal shock wave lithotripsy used alone
- 417 N Soehendra, V-C Nam, K F Binmoeller, H Koch, S Bohnacker, H W Schreiber

Case reports

- 423 Benign intracranial hypertension during prednisolone treatment for inflammatory bowel disease M Newton, B T Cooper
- 426 Drug induced lymphocytic colitis L Beaugerie, J Luboinski, N Brousse, J Cosnes, F-P Chatelet, J-P Gendre, Y Le Quintrec
- 429 Letters to the editor Book reviews Notes

No 4 APRIL 1994

Leading articles

- 433 Isolated hepatocytes: use in experimental and clinical hepatology Alastair J Strain
- 437 Strongyloidiasis: a conundrum for gastroenterologists DI Grove
- 441 Intestinal absorption of peptide drugs: advances in our understanding and clinical implications M Catnach, PD Fairclough, SM Hammond
- 445 Transjugular intrahepatic portosystemic stent shunts PC Hayes, DN Redhead, ND C Finlayson

Oesophageal reflux

447 Effect of famotidine on oesophageal sensitivity in gastro-oesophageal reflux disease M Marrero, J S de Caestecker, J D Maxwell

- 451 Death from malignant disease after surgery for duodenal ulcer IMC Macintyre, FO'Brien
- Effect of omeprazole on intragastric bacterial counts, nitrates, nitrites, and N-nitroso compounds E Verdu, F Viani, D Armstrong, R Fraser, H H Siegrist, B Pignatelli, J-P Idström, C Cederberg, A L Blum, M Fried

Therapeutic endoscopy

- 461 Endoscopic laser treatment of diffuse gastric antral vascular ectasia S Potamiano, C R Carter, J R Anderson
- 464 Acute gastrointestinal haemorrhage in anticoagulated patients: diagnoses and response to endoscopic treatment C P Choudari, C Rajgopal, K R Palmer
- Symptom relief and quality of life after stenting for malignant bile duct obstruction A B Ballinger, M McHugh, S M Catnach, E M Alstead, M L Clark

- 471 Localisation of neuroendocrine tumours of the upper gastrointestinal tract TZimmer, KZiegler, M Bäder, U Fett, B Hamm, E-O Riecken, B Wiedenmann
- 476 Intestinal antibody pattern of coeliac disease: association with γ/δ T cell receptor expression by intraepithelial lymphocytes, and other indices of potential coeliac disease E Arranz, J Bode, K Kingstone, A Ferguson

- 483 Lactobacillus acidophilus LA 1 binds to cultured human intestinal cell lines and inhibits cell attachment and cell invasion by enterovirulent bacteria MF Bernet, D Brassart, JR Neeser, A L Servin
- 490 Short term effects of indomethacin on rat small intestinal permeability. Role of eicosanoids and platelet activating factor F Mion, J-C Cuber, Y Minaire, J-A Chayvialle
- 5-Hydroxytryptamine and human small intestinal motility: effect of inhibiting 5-hydroxytryptamine reuptake DA Gorard, GW Libby, MJ GFarthing
- Effect of a low dose of intraduodenal fat on satiety in humans: studies using the type A cholecystokinin receptor antagonist loxiglumide RJ Lieverse, JBM JJansen, AAM Masclee, LC Rovati, CBH W Lamers
- 506 Specific detection of Mycobacterium paratuberculosis DNA associated with granulomatous tissue in Crohn's disease H M Fidler, W Thurrell, N McI Johnson, G A W Rook, J J McFadden
- 511 Class II major histocompatibility complex antigen expression on peripheral blood monocytes in patients with inflammatory bowel disease KR Gardiner, AD Crockard, MI Halliday, BJ Rowlands
- 517 Abnormal leukotriene C₄ release by unaffected jejunal mucosa in patients with inactive Crohn's disease F Casellas, F Guarner, M Antolin, R Rodríguez, A Salas, 7-R Malagelada
- 523 Relationship of small bowel motility to ileoanal reservoir function S Groom, M A Kamm, R J Nicholls

 Large intestine
- 530 Proliferating cell nuclear antigen (PCNA): a new marker to study human colonic cell proliferation F J G M Kubben, A Peeters-Haesevoets, L G J B Engels, C G M I Baeten, B Schutte, J W Arends, R W Stockbrügger, G H Blijham
- 536 Serotonergic mediation of postprandial colonic tonic and phasic responses in humans MR von der Ohe, RB Hanson, M Camilleri

Liver

542 Hepatitis C virus in autoimmune liver disease in the UK: aetiological agent or artefact? B P Rowan, A Smith, D Gleeson, L P Hunt, T W Warnes

Pancreatitis

- 547 Dopamine in models of alcoholic acute pancreatitis ND Karanjia, AL Widdison, FJ Lutrin, HA Reber
- 552 Progression of alcoholic acute to chronic pancreatitis R W Ammann, B Muellhaupt

Case reports

- 557 Intraluminal duodenal diverticulum causing recurrent pancreatitis: treatment by endoscopic incision I A Finnie, P Ghosh, C Garvey, G J Poston, J M Rhodes
- 560 Non-fatal portal pyaemia complicating Crohn's disease of the terminal ileum H Al-Jahdali, C Pon, W G Thompson. F R Matzinger
- 562 Ulcerative colitis in a husband and wife GM Batty, WE Wilkins, JS Morris
- Primary biliary cirrhosis presenting with granulomatous skin lesions DL Jardine, ST Chambers, DJ Hart, BA Chapman
- 567 Rim calcification in primary liver cell carcinoma mimicking hydatid disease A W Mitchell, J N P Higgins, J Tate, R Dick
- 569 Fulminant hepatic failure secondary to hydroxychloroquine A J Makin, J Wendon, S Fitt, B C Portmann, Roger Williams
- 571 Letters to the editor Notes Book reviews
- A574 Pancreatic Society of Great Britain and Ireland

No 5 MAY 1994

Leading articles

- 577 Liver cell death: patterns and mechanisms MR Alison, CE Sarraf
- 582 Persisting diarrhoea and malabsorption GC Cook
- 587 Cancer surveillance in ulcerative colitis a time for reappraisal ATRAxon

Oesophagus

- 590 Omeprazole v ranitidine for prevention of relapse in reflux oesophagitis. A controlled double blind trial of their efficacy and safety J Dent, N D Yeomans, M Mackinnon, W Reed, F M Narielvala, D J Hetzel, E Solcia, D J C Shearman
- 599 Cytochrome P450 expression in oesophageal cancer G I Murray, D Shaw, R J Weaver, J A McKay, S W B Ewen, W T Melvin, M D Burke

Stomach

- 604 Expression of transforming growth factor alpha in experimental gastric carcinogenesis J I Livingstone, M I Filipe, C Wastell
- 608 Endoscopic injection therapy for bleeding peptic ulcer; a comparison of adrenaline alone with adrenaline plus ethanolamine oleate CP Choudari, KR Palmer
- 611 Increased gastric juice epidermal growth factor after non-steroidal anti-inflammatory drug ingestion S M Kelly, J R Jenner, R J Dickinson, J O Hunter
- 615 Gastrin and somatostatin in Helicobacter pylori infected antral mucosa L Odum, H D Petersen, I B Andersen, B F Hansen, J F Rehfeld
- Smoking, alcohol, and analgesics in dyspepsia and among dyspepsia subgroups: lack of an association in a community NJ Talley, A R Zinsmeister, C D Schleck, LJ Melton III

Small intestine

- 625 Human small intestinal contractions and aboral traction forces during fasting and after feeding NKAhluwalia, D G Thompson, J Barlow, L Heggie
- Relation between chloride secretion and intracellular cyclic adenosine monophosphate in a cloned human intestinal cell line HT-29 cl 19A S K Nath, X Huang, A L'helgoualc'h, M Rautureau, A Bisalli, M Heyman, J F Desjeux
- 637 Failure of tropisetron to inhibit jejunal water and electrolyte secretion induced by 5-hydroxytryptamine in healthy volunteers LK Munck, O Eskerod, MB Hansen, KBukhave, J Rask-Madsen
- Response of the human intestine to high volume infusion C Steadman, P Kerlin
- Distribution of the carbonic anhydrase isoenzymes I, II, and VI in the human alimentary tract S Parkkila, A-K Parkkila, T Juvonen, H Rajaniemi

Inflammatory bowel disease

- 651 Crohn's disease and colorectal cancer CD Gillen, HA Andrews, P Prior, RN Allan
- Timing of ileocolonic resection for symptomatic Crohn's disease the patient's view NA Scott, LE Hughes
- 658 Pouchitis: result of microbial imbalance? JGH Ruseler-van Embden, WR Schouten, LMC van Lieshout
- Morbidity of juvenile onset inflammatory bowel disease: effects on education and employment in early adult life A Ferguson, D M Sedgwick, J Drummond
- 669 Increased macrophage subset in inflammatory bowel disease: apparent recruitment from peripheral blood monocytes J Rugtveit, P Brandtzaeg, T S Halstensen, O Fausa, H Scott

Large intestine

- 675 Patients with adenomatous polyps and carcinomas have increased colonic mucosal prostaglandin E₂ S Pugh, GAO Thomas
- 679 Functional hyposplenism in alcoholic liver disease: a toxic effect of alcohol? A F Muller, P J Toghill
- Measurement of androgen receptor expression in adult liver, fetal liver, and Hep-G2 cells by the polymerase 683
- chain reaction AP Stubbs, J. L. Engelman, J. I. H. Walker, P. Faik, G. M. Murphy, M. L. Wilkinson
 Combined (short term plus long term) sclerotherapy v short term only sclerotherapy: a randomised prospective 687 trial M Moretó, M Zaballa, E Ojembarrena, S Ibáñez, M-J Suárez, F Setíen, E Delgado

Percutaneous cholecystolithotomy: is gall stone recurrence inevitable? JJ Donald, S Cheslyn-Curus, A R Gillams, 692 R C G Russell, W R Lees

Progress report

Genetics of inflammatory bowel disease J Satsangi, D P Jewell, W M C Rosenberg, J I Bell 696

Case reports

- 701 Healing of protein losing hypertrophic gastropathy by eradication of Helicobacter pylori – Is Helicobacter pylori a pathogenic factor in Ménétrier's disease? E Bayerdörffer, M M Ritter, R Hatz, W Brooks, G Ruckdeschel, M Stolte
- 705 Biliary obstruction resulting from Strongyloides stercoralis infection. Report of a case E Delarocque Astagneau, A Hadengue, C Degott, V Vilgrain, S Erlinger, J P Benhamou
- Diagnostic pitfall; interpretation of CA 19-9 concentrations in the presence of hepatic dysfunction S Pearce, 707 H Thornes, D Carr, A Tanner
- Spontaneous bacterial peritonitis in cystic fibrosis CF Doershuk, RC Stern 709
- Pancreatitis induced by nitrofurantoin J-L Christophe 712
- 714 Letters to the editor Notes
- A719 British Association for the Study of the Liver

No 6 JUNE 1994

Leading articles

- 723 The urea breath test for Helicobacter pylori J C Atherton, R C Spiller
- Salmonella typhi and other salmonellas BK Mandal 726
- 729 Hepatocyte-matrix interactions J P Iredale, MJ P Arthur

Editorial

732 Introduction to new section - Views and reviews

Temporal relationships between episodes of non-cardiac chest pain and abnormal oesophageal function 733 H G Th Lam, R Breumelhof, G P van Berge Henegouwen, A J P M Smout

Peptic ulcer

- Effect of ranitidine on basal and bicarbonate enhanced intragastric PCO2: a tonometric study 3 Kolkman, 737 ABJ Groeneveld, SGM Meuwissen
- Importance of childhood socioeconomic status on the current prevalence of Helicobacter pylori infection 742 H M Malaty, D Y Graham
- Bleeding peptic ulcer risk factors for rebleeding and sequential changes in endoscopic findings Ping-I Hsu, Xi-Zhang Lin, Shih-Huang Chan, Ching-Yih Lin, Ting-Tsung Chang, Jeng-Shiann Shin, Lie-Yuan Hsu, Chi-Chieh Yang, Kuan-Wen Chen
- Maintenance of intragastric pH>4 with famotidine in duodenal ulcer patients: factors influencing drug 750 requirements J C Delchier, F Roudot-Thoraval, L Stanescu, M C Deharvengt, L Elouaer Blanc
- Effects of Helicobacter pylori on histamine and carbachol stimulated acid secretion by human parietal cells H Jablonowski, K J Hengels, N Kraemer, G Geis, W Opferkuch, G Strohmeyer

Gastrointestinal cancer

- Goseki histological grading of gastric cancer is an important predictor of outcome IG Martin, MF Dixon, 758 H Sue-Ling, A T R Axon, D Johnston
- Adenocarcinoma arising in Barrett's oesophagus: evidence for the participation of p53 dysfunction in the 764 dysplasia/carcinoma sequence R H Hardwick, N A Shepherd, M Moorghen, P V Newcomb, D Alderson
 - Coeliac disease
- Lewis phenotype, secretor status, and coeliac disease W Dickey, J D C Wylie, J S A Collins, K G Porter, 769 R G P Watson, J C McLoughlin
- 771 Serological screening of coeliac disease: choosing the optimal procedure according to various prevalence values G Corrao, G R Corazza, M L Andreani, P Torchio, R A Valentini, G Galatola, D Quaglino, G Gasbarrini, F di Orio
- Endomysium antibodies in coeliac disease: an improved method B Ladinser, E Rossipal, K Pittschieler
- Effects of gluten enriched diet on the small intestinal mucosa of normal mice and mice with graft versus host reaction R Troncone, N Caputo, A Zibella, G Molitierno, L Maiuri, S Auricchio

Inflammatory bowel disease

- Comparison of amino acid v peptide based enteral diets in active Crohn's disease: clinical and nutritional outcome D Royall, K N Jeejeebhoy, J P Baker, J P Allard, F M Habal, S C Cunnane, G R Greenberg
- Association between Meckel's diverticulum and Crohn's disease: a retrospective review HJN Andreyev, R A Owen, I Thompson, A Forbes

Large intestine

- 791 Serum free medium increases expression of markers of differentiation in human colonic crypt cells P Gibson, O Rosella, G Young
- 798 Discriminant value of psychological distress, symptom profiles, and segmental colonic dysfunction in outpatients with severe idiopathic constipation R L Grotz, J H Pemberton, N J Talley, D M Rath, A R Zinsmeister
- Is there IgA of gut mucosal origin in the serum of HIV1 infected patients? A Quesnel, Ph Moja, F Lucht, J L Touraine, B Pozzetto, C Genin

- Serious paracetamol poisoning and the results of liver transplantation DJ Mutimer, RCS Ayres, JM Neuberger, 809 M H Davies, J Holguin, J A C Buckels, A D Mayer, P McMaster, E Elias
- Intrahepatic portal occlusion by microspheres: a new model of portal hypertension in the rat V Jaffe, B Alexander, R T Mathie

Gall stones

Relief of heterogeneous symptoms after successful gall bladder stone lithotripsy and complete stone 819 disappearance U Stölzel, Ch Koszka, B Wölfer, U Kleine, W Pommerien, E O Riecken

Pancreas

822 Inflammatory response in the early prediction of severity in human acute pancreatitis JA Viedma, M Pérez-Mateo, J Agulló, J E Dominguez, F Carballo

Progress reports

- 828 Viruses and hepatocellular carcinoma S Sherlock
- 833 Chronic, non-visceral abdominal pain D Sharpstone, D G Colin-Jones

Clinical trial

Effect of omeprazole and sucralfate on prepyloric gastric ulcer. A double blind comparative trial and one year follow up H Toft Sørensen, H Højgaard Rasmussen, I Balslev, S Boesby, J Boné, A Kruse, S Nørby Rasmussen

Case reports

- 841 Gastric outlet obstruction as a presenting manifestation of systemic lupus erythematosus EFM Posthuma, P Warmerdam, M P Chandie Shaw, F C Breedveld, J D Macfarlane, A van der Sluys Veer, C B H W Lamers
- 844 Coeliac disease and autoimmune thyroid disease CE Counsell, A Taha, WS J Ruddell
- 847 Unusual pulmonary complication of ulcerative colitis with rapid response to corticosteroids: case report GAL Hilling, DAF Robertson, AH Chalmers, HS Rigby
- Fulminant hepatic failure resulting from coexistent Wilson's disease and hepatitis E R Sallie, J Chiyende, K C Tan, D Bradley, B Portmann, Roger Williams, A P Mowat, G Mieli-Vergani
- 854 Adult rhabdomyosarcoma of the gall bladder: case report and review of published works T M Al-Jaberi, M Al-Masri, A Tbukhi
- 857 Progressive systemic sclerosis of the internal anal sphincter leading to passive faecal incontinence A F Engel, M A Kamm, I C Talbot

Views and reviews

- 860 Personal viewpoints
- 862 International gastroenterology
- 863 Letters to the editor Book reviews Notes Corrections

No 7 IULY 1994

Leading articles

- 867 Lymphocyte and macrophage interleukin receptors in inflammatory bowel disease: a more selective target for therapy M J Weldon, J D Maxwell
- 872 The shigella paradigm and colitis due to enterohaemorrhagic Escherichia coli D W K Acheson, G T Keusch
- 875 Isolation and culture of biliary epithelial cells Ruth Joplin

Oesophagus

- 879 Tissue culture of epithelium derived from Barrett's oesophagus K Washington, M R Gottfried, M J Telen
- 884 Effects of intraluminal acidification on oesophageal motor activity I Bontempo, L Piretta, E Corazziari, F Michetti, F Anzini, A Torsoli

Peptic ulcer

- 891 Predicting NSAID related ulcers assessment of clinical and pathological risk factors and importance of differences in NSAID A S Taha, S Dahill, R D Sturrock, F D Lee, R I Russell
- 896 Antacid provides better restoration of glandular structures within the gastric ulcer scar than omeprazole A Schmassmann, A Tarnawski, H A Gerber, B Flogerzi, M Sanner, L Varga, F Halter
- Polymerase chain reaction assay for the detection of Helicobacter pylori in gastric biopsy specimens: comparison with culture, rapid urease test, and histopathological tests R Fabre, I Sobhani, P Laurent-Puig, N Hedef, N Yazigi, C Vissuzaine, I Rodde, F Potet, M Mignon, 7 P Etienne, M Braquet
- 909 Pentoxifylline prevents indomethacin induced acute gastric mucosal damage in rats: role of tumour necrosis factor alpha L Santucci, S Fiorucci, M Giansanti, P M Brunoni, F M Di Matteo, A Morelli
- 916 Sleep and duodenal motor activity in patients with severe non-ulcer dyspepsia D David, H Mertz, L Fefer, B Sytnik, H Raeen, N Niazi, A Kodner, E A Mayer

Small intestine

- 926 Effect of dietary nucleotides on small intestinal repair after diarrhoea. Histological and ultrastructural changes J Bueno, M Torres, A Almendros, R Carmona, M C Nuñez, A Rios, A Gil
- Tumour necrosis factor α changes porcine intestinal ion transport through a paracrine mechanism involving prostaglandins H M Kandil, H M Berschneider, R A Argenzio

Gastrointestinal cancer

- 941 An audit of the treatment of cancer of the oesophagus PM Sagar, T Gauperaa, H Sue-Ling, M J McMahon, D Johnston
- 946 Gastric cancer risk after vagotomy G Lundegårdh, A Ekbom, J K McLaughlin, O Nyrén
- 950 Similarity of colorectal cancer in Crohn's disease and ulcerative colitis: implications for carcinogenesis and prevention PM Choi, MP Zelig

Inflammatory bowel disease

- Deficient interleukin 2 dependent proliferation pathway in T lymphocytes from active and inactive ulcerative colitis patients L Manzano, M Alvarez-Mon, J A Vargas, J A Girón, L Abreu, A Fernández-Corugedo, L I Román, F Albarran, A Durántez
- 961 Observer variation and discriminatory value of biopsy features in inflammatory bowel disease A Theodossi, D J Spiegelhalter, J Jass, J Firth, M Dixon, M Leader, D A Levison, R Lindley, I Filipe, A Price, N A Shepherd, S Thomas, H Thompson

Large intestine

- 969 Secretion of urokinase and plasminogen activator inhibitor-1 by normal colonic epithelium in vitro P Gibson, O Rosella, G Rosella, G Young
- 976 Simplified method for the measurement of segmental colonic transit time A Notghi, R Hutchinson, D Kumar, N B Smith, L K Harding

Liver

- 982 Extent of the acute phase response in fulminant hepatic failure S Izumi, R D Hughes, R P Langley, J R B Pernambuco, Roger Williams
- 987 Study of plasma and red cell phospholipid fatty acids in extrahepatic cholestatic jaundice M W Scriven, D F Horrobin, M C A Puntis

Biliary tract

991 Imaging of the common bile duct in patients undergoing laparoscopic cholecystectomy PJ Hainsworth, M Rhodes, R H K Gompertz, C P Armstrong, T W J Lennard

Progress report

996 Current concepts in metastasis A K Nigam, M Pignatelli, P B Boulos

Case reports

- 1001 Interrelation of strongyloidiasis and tuberculosis A D Dwarakanath, M Welton, C J Ellis, R N Allan
- Budd-Chiari syndrome in a young patient with anticardiolipin antibodies: need for prolonged anticoagulant treatment RJTh Ouwendijk, JC Koster, JHP Wilson, JStibbe, JS Lameris, W Visser, JP Benhamou

Views and reviews

- 1007 Personal viewpoints
- 1010 Letters to the editor Book review Notes

No 8 AUGUST 1994

Leading articles

- 1011 Combined percutaneous and endoscopic procedures for bile duct obstruction DF Martin
- 1013 Host immune response and variations in the virus genome: pathogenesis of liver damage caused by hepatitis B virus N V Naoumov, A L W F Eddleston
- 1018 Diagnosis of invasive amoebiasis time to end the morphology era JI Ravdin

Editorial

1021 Gut index change

Oesophagus

1022 Classification and localisation of carcinoembryonic antigen (CEA) related antigen expression in normal oesophageal squamous mucosa and squamous carcinoma DSA Sanders, CA Wilson, FJ Bryant, J Hopkins, G D Johnson, D M Milne, M A Kerr

Acid related disease

- 1026 Acupuncture inhibits vagal gastric acid secretion stimulated by sham feeding in healthy subjects G Lux, J Hagel, P Bäcker, G Bäcker, R Vogl, H Ruppin, S Domschke, W Domschke
- 1030 Interobserver variation in assessment of gastroduodenal lesions associated with non-steroidal anti-inflammatory drugs N Hudson, S Everitt, C J Hawkey

Helicobacter pylori

1033 Duodenal ulcer, Helicobactor pylori, and gastric secretion K Chandrakumaran, D Vaira, M Hobsley

Coeliac disease

1037 Detection of interferon gamma mRNA in the mucosa of patients with coeliac disease by in situ hybridisation M Kontakou, R P Sturgess, R T Przemioslo, G A Limb, J M Nelufer, P J Ciclitira

Small intestine

- 1042 Morphological method for the diagnosis of human adult type hypolactasia L Maiuri, M Rossi, V Raia, F Paparo, S Coletta, F Mazzeo, A Breglia, S Auricchio
- 1047 Role of bile in non-specific defence mechanisms of the gut T Kalambaheti, G N Cooper, G D F Jackson
- 1053 Intestinal perfusion of dietary levels of aluminium: association with the mucosa JJ Powell, C C Ainley, R Evans, R P H Thompson
- 1058 Effects of diet on experimentally induced intestinal ulcers in rats: morphology and tissue leukotrienes T Matsumoto, M Iida, F Kuroki, K Hizawa, H Koga, M Fujishima

Motility

1064 Effect of octreotide on gastrointestinal pressure profiles in health and in functional and organic gastrointestinal disorders K Haruma, J A Wiste, M Camilleri

Inflammatory bowel disease

- 1070 The first 10 years' experience of restorative proctocolectomy for ulcerative colitis P Setti-Carraro, J K Ritchie, K H Wilkinson, R J Nicholls, P R Hawley
- 1076 Surgery for ulcerative colitis in the era of the pouch: The St Mark's Hospital experience D M Melville, J K Ritchie, R J Nicholls, P R Hawley
- 1081 Oral 4-aminosalicylic acid versus 5-aminosalicylic acid slow release tablets. Double blind, controlled pilot study in the maintenance treatment of Crohn's ileocolitis S Schreiber, S Howaldt, A Raedler

Large intestine

- 1086 Immunoelectron microscopic localisation of transforming growth factor alpha in rat colon R Pérez-Tomás, X Culleré, M Asbert, D Díaz-Ruiz
- 1090 Role of intestinal microflora in chronic inflammation and ulceration of the rat colon S Videla, J Vilaseca, F Guarner, A Salas, F Treserra, E Crespo, M Antolin, J-R Malagelada
- 1098 Methanogens outcomplete sulphate reducing bacteria for H₂ in the human colon A Strocchi, J Furne, C Ellis, M D Levitt
- 1102 Enhancement of ethanol induced rectal mucosal hyper regeneration with age in F344 rats UA Simanowski, P Suter, R M Russell, M Heller, R Waldherr, R Ward, TJ Peters, D Smith, H K Seita

Live

- 1107 Serum increase and liver overexpression of carbohydrate 19.9 antigen in patients with genetic haemochromatosis Y M Deugnier, A-F Rabot, D Guyader, R Moirand, B Turlin, E Boucher, P Lebert, P Brissot
- 1112 Safety of general anaesthesia and surgery in acute hepatic porphyria S B Dover, L Plenderleith, M R Moore, K E L McColl

Bile acids

1116 Apparent selective bile acid malabsorption as a consequence of ileal exclusion: effects on bile acid, cholesterol, and lipoprotein metabolism J-E Åkerlund, I Björkhem, B Angelin, L Liljeqvist, K Einarsson

Gall bladder

1121 Prospective audit of the introduction of laparoscopic cholecystectomy in the west of Scotland G M Fullarton, G Bell, and the west of Scotland laparoscopic cholecystectomy audit group

Pancreatitis

- 1127 Bile induced acute oedematous pancreatitis in rats: non-parallel changes in pancreatic morphology and amylase release in vitro T Arendt, U Broschewitz
- 1132 Comparison of pancreatic morphology and exocrine functional impairment in patients with chronic pancreatitis T Bozkurt, U Braun, S Leferink, G Gilly, G Lux

Case reports

- 1137 Avulsion of short gastric arteries caused by vomiting N Hayes, P D Waterworth, S M Griffin
- 1139 Bowel diversion should be used with caution in stenosing anal Crohn's disease MER Williamson, LE Hughes
- 1141 'Conversion' from ulcerative colitis to Crohn's disease associated with corticosteroid treatment A D Dwarakanath, J Nash, J M Rhodes
- 1145 Systemic arteriovenous malformations: a feature of advanced liver disease R Alcolado, J Bowry, P J Winwood, C A Loehry

Views and reviews

- 1148 Personal viewpoint
- 1149 International gastroenterology
- 1150 Letters to the editor Book review Notes Correction

No 9 SEPTEMBER 1994

Leading articles

- 1155 New salicylates as maintenance treatment in ulcerative colitis Gunnar Järnerot
- 1159 Enterobius vermicularis infection G C Cook
- 1163 Hepatocyte and immune system: acute phase reaction as a contribution to early defence mechanisms C Trautwein, K Böker, M P Manns

Gaetritie

- 1167 Fall in the prevalence of chronic gastritis over 15 years: analysis of outpatient series in Finland from 1977, 1985, and 1992 P Sipponen, T Helske, P Järvinen, H Hyvärinen, K Seppälä, M Siurala
- Histological assessment of the Sydney classification of endoscopic gastritis S I Khakoo, A J Lobo, N A Shepherd, S P Wilkinson
- 1176 Interaction of Helicobacter pylori and its fatty acids with parietal cells and gastric H+/K+-ATPase W Beil, C Birkholz, S Wagner, K-F Sewing

Gastric mucosal injury

- 1181 A novel antiulcerogenic stable radical prevents gastric mucosal lesions in rats D Rachmilewitz, F Karmeli, E Okon, A Samuni
- 1189 Role of gastric blood flow, neutrophil infiltration, and mucosal cell proliferation in gastric adaptation to aspirin in the rat SJ Konturek, T Brzozowski, J Stachura, A Dembinski, J Majka
- Mucosal adaptation to aspirin induced gastric damage in humans. Studies on blood flow, gastric mucosal growth, and neutrophil activation J W Konturek, A Dembinski, R Stoll, W Domschke, S J Konturek
- 1205 Magnesium hydrogen breath test using end expiratory sampling to assess achlorhydria in pernicious anaemia patients P Humbert, P López de Soria, F Fernández-Bañares, J Juncá, J Boix, R Planas, J C Quer, E Domenech, M A Gassull

Endoscopy

1209 Appropriate use of upper gastrointestinal endoscopy – a prospective audit MA Quine, GD Bell, RF McCloy, HB Devlin, A Hopkins, and the Steering Group of the Upper Gastrointestinal Endoscopy Audit Committee

Coeliac disease

- 1215 Coeliac disease associated disorders and survival P Collin, T Reunala, E Pukkala, P Laippala, O Keyriläinen, A Pasternack
- 1219 Localisation of vitamin D receptor in normal human duodenum and in patients with coeliac disease K W Colston, A G Mackay, C Finlayson, J C Y Wu, J D Maxwell
- 1226 Adenovirus 12 E1A gene detection by polymerase chain reaction in both the normal and coeliac duodenum M Lawler, P Humphries, C O'Farrelly, H Hoey, O Sheils, M Jeffers, D S O'Briain, D Kelleher

Small intestine

- 1233 Phytase activity in the human and rat small intestine TH Iqbal, KO Lewis, BT Cooper
- 1237 Role of the enteric nervous system in the maintained hypersecretion induced by enterotoxin STa in the nutritionally deprived intestine HC Nzegwu, RJ Levin
- 1244 Studies on the enteropathy associated with primary hypogammaglobulinaemia K Teahon, A D Webster, A B Price, J Weston, I Bjarnason
- 1250 Distribution of membrane bound guanylyl cyclases in human intestine G Krause, A Bayerl, J-M Heim, S Singh, R Gerzer

Colorectal cancer

- 1258 Comparative clinicopathological and immunohistochemical study of ras and p53 in flat and polypoid type colorectal tumours M Yukawa, T Fujimori, S Maeda, M Tabuchi, K Nagasako
- 1262 Clinical heterogeneity of familial colorectal cancer and its influence on screening protocols HFA Vasen, BG Taal, GGriffioen, FM Nagengast, A Cats, FH Menko, WOskam, JH Kleibeuker, GJA Offerhaus, PMeera Khan
- 1267 Comparison of gastrointestinal symptoms in colorectal carcinoma patients and community controls with respect to age R Curless, J French, G V Williams, O F W James

Large intestine

- 1271 In vitro acetaldehyde formation by human colonic bacteria K Jokelainen, R P Roine, H Väänänen, M Färkkilä, M Salasburo
- 1275 Diverting colostomy induces mucosal and muscular atrophy in rat distal colon P Kissmeyer-Nielsen, H Christensen, S Laurberg

Inflammatory bowel disease

1282 Optimum dose of olsalazine for maintaining remission in ulcerative colitis SPL Travis, C Tysk, HJ de Silva, H Sandberg-Gertzén, DP Jewell, GJärnerot

Live

- 1287 Thrombin an effective treatment for gastric variceal haemorrhage S G J Williams, R A Peters, D Westaby
- 1290 Portal and systemic haemodynamic action of N-acetylcysteine in patients with stable cirrhosis A L Jones, I H Bangash, I A D Bouchier, P C Hayes

Gall stones

- 1294 Cost effectiveness of adjuvant bile salt treatment in extracorporeal shock wave lithotripsy for the treatment of gall bladder stones JP Nicholl, B Ross, P C Milner, J E Brazier, L Westlake, B Kohler, E Frost, B T Williams,
- 1301 Symptoms and health status before and six weeks after open cholecystectomy: a European cohort study NA Black, E Thompson, CFB Sanderson, and the ECHSS group

Acute pancreatitis

- 1306 Routes of spread of pathogens into the pancreas in a feline model of acute pancreatitis A L Widdison, N D Karanjia, H A Reber
- Trypsinogen activation peptides (TAP) concentrations in the peritoneal fluid of patients with acute pancreatitis and their relation to the presence of histologically confirmed pancreatic necrosis D I Heath, C Wilson A M Gudgeon, A Jehanli, A Shenkin, C W Imrie

Case reports

1316 Inflammatory bowel disease in married couples: 10 cases in Nord Pas de Calais region of France and Liège county of Belgium M C Comes, C Gower-Rousseau, J F Colombel, J Belaïche, H J Van Kruiningen, M C Nuttens, A Cortot

- 1319 Intrasphincteric injection of botulinum toxin for suspected sphincter of Oddi dysfunction P J Pasricha, E.P. Miskovsky, A.N. Kalloo
- 1322 Primary amyloidosis and severe intrahepatic cholestatic jaundice RA Peters, G Koukoulis, A Gimson, B Portmann, D Westaby, R Williams

Views and reviews

- 1326 International gastroenterology
- 1329 Letters to the editor Book reviews Note

No 10 OCTOBER 1994

Leading articles

- 1331 Perisinusoidal lipocytes and fibrogenesis A M Gressner
- 1334 Gastrointestinal manifestations of schistosomiasis G Thomas Strickland
- 1338 Functional aspects of small bowel transplantation: past, present, and future MAC Meijssen, E Heineman

Special report

1342 Gastrointestinal endoscopy in general practice

Oesophagus

- 1343 Cell adhesion molecules in oesophageal epithelium H Dobson, M Pignatelli, D Hopwood, C D'Arrigo
- 1348 Dysplasia and aneuploidy as markers of malignant degeneration in Barrett's oesophagus

 M B E Menke-Pluymers, A H Mulder, W C J Hop, M van Blankenstein, H W Tilanus, The Rotterdam Oesophageal

 Tumour Study Group
- 1352 24 Hour ambulatory oesophageal pH monitoring in uncomplicated Barrett's oesophagus C S Neumann, B T Cooper
- 1356 β Adrenergic modulation of human upper intestinal propulsive forces NK Ahluwalia, DG Thompson, J Barlow, L Heggie
- 1360 Forceful dilatation under endoscopic control in the treatment of achalasia: a randomised trial of pneumatic versus metallic dilator F Mearin, J R Armengol, L Chicharro, M Papo, A Balboa, J R Malagelada
- 1363 Impaired oesophageal transit of capsule versus tablet formulations in the elderly A C Perkins, C G Wilson, P E Blackshaw, R M Vincent, R J Dansereau, K D Juhlin, P J Bekker, R C Spiller

Gastric cancer

- 1368 Dukes's classification: a valid prognostic indicator for gastric cancer Y Adachi, M Mori, Y Maehara, K Sugimachi
- 1372 Helicobacter pylori and early gastric cancer ME Craanen, P Blok, W Dekker, G N J Tytgat

Helicobacter pylori

- 1375 Rebamipide, a novel antiulcer agent, attenuates Helicobacter pylori induced gastric mucosal cell injury associated with neutrophil derived oxidants M Suzuki, S Miura, M Mori, A Kai, H Suzuki, D Fukumura, M Suematsu, M Tsuchiya
- 1379 Gastric T lymphocyte responses to Helicobacter pylori in patients with H pylori colonisation X J Fan, A Chua, C N Shahi, J McDevitt, P W N Keeling, D Kelleher
- 1385 Low prevalence of Helicobacter pylori in inflammatory bowel disease: association with sulphasalazine E El-Omar, I Penman, G Cruikshank, S Dover, S Banerjee, C Williams, K E L McColl

Peptic ulcer

- 1389 Clinical courses and predictors for rebleeding in patients with peptic ulcers and non-bleeding visible vessels: a prospective study Hwai-Jeng Lin, Chin-Lin Perng, Fa-Yauh Lee, Chen-Hsen Lee, Shou-Dong Lee
- 1394 Enhanced gastric nitric oxide synthase activity in duodenal ulcer patients D Rachmilewitz, F Karmeli, R Eliakim, R Stalnikowicz, Z Ackerman, G Amir, J S Stamler

Small intestine

- 1398 Raised pro-inflammatory cytokines interleukin 6 and tumour necrosis factor α in coeliac disease mucosa detected by immunohistochemistry R T Przemioslo, M Kontakou, V Nobili, P J Ciclitira
- 1404 Test conditions greatly influence permeation of water soluble molecules through the intestinal mucosa: need for standardisation M Peeters, M Hiele, Y Ghoos, V Huysmans, K Geboes, G Vantrappen, P Rutgeerts
- Gastrointestinal adaptation to enhanced small intestinal lipid exposure N J Brown, R D E Rumsey, N W Read
 Impact of familial amyloid associated polyneuropathy on duodenal endocrine cells M El-Salhy, O Suhr.
- 1413 Impact of familial amyloid associated polyneuropathy on duodenal endocrine cells M El-Salhy, O Suhr, R Stenling, E Wilander, L Grimelius

Inflammatory bowel disease

- 1419 Clinicopathological characteristics of colorectal carcinoma complicating ulcerative colitis WR Connell, I C Talbot, N Harpaz, N Britto, K H Wilkinson, M A Kamm, J E Lennard-Jones
- Ileal and colonic fatty acid profiles in patients with active Crohn's disease S Bühner, E Nagel, J Körber, H Vogelsang, T Linn, R Pichlmayr
- Increased leukotriene B₄ release from ileal pouch mucosa in ulcerative colitis compared with familial adenomatous polyposis DJ Gertner, DS Rampton, MV Madden, IC Talbot, RJ Nicholls, JE Lennard Jones
- 1433 Incidence of inflammatory bowel disease in northern France (1988-1990) C Gower-Rousseau, J-L Salomez, J-L Dupas, R Marti, M-C Nuttens, A Votte, M Lemahieu, B Lemaire, J-F Colombel, A Cortot
- 1439 A budesonide prodrug accelerates treatment of colitis in rats N Cui, D R Friend, R N Fedorak

Large intestine

- 1447 Effect on lymph node status of triple levelling and immunohistochemistry with CAM 5.2 on node negative colorectal carcinomas A G Nicholson, C G Marks, M G Cook
- 1449 Adhesion of human enterotoxigenic Escherichia coli to human mucus secreting HT-29 cell subpopulations in culture S Kerneis, M F Bernet, M H Coconnier, A L Servin
- 1455 Evidence for the ambiguity of the term constipation: the role of irritable bowel syndrome CSJ Probert, PM Emmett, HA Cripps, KW Heaton

Liver

1459 Respiratory function after injection sclerotherapy of oesophageal varices T Samuels, M C Lovett, I T Campbell, C Makin, J Davies, S A Jenkins, J N Baxter

Biliary tract

1464 Common bile duct stones are mainly brown and associated with duodenal diverticula O Sandstad, T Osnes, V Skar, P Urdal, M Osnes

Pancreas

- 1468 Chronic pancreatitis is associated with increased concentrations of epidermal growth factor receptor, transforming growth factor α, and phospholipase Cγ M Korc, H Friess, Y Yamanaka, M S Kobrin, M Buchler, H G Beeer
- 1474 Chronic ethanol consumption increases the fragility of rat pancreatic zymogen granules PS Haber, JS Wilson, A V Apte, M A Korsten, R C Pirola

- 1479 Natural course of operated pseudocysts in chronic pancreatitis A Löhr-Happe, M Peiper, P G Lankisch
 - Progress report
- 1483 Enterocyte proliferation and intracellular bacteria in animals S McOrist, C J Gebhart, G H K Lawson

Hypothesis

1487 Did malaria select for primary adult lactase deficiency? B Anderson, C Vullo

Case reports

- 1490 Eosinophilic enterocolitis diagnosed by means of technetium-99m albumin scintigraphy and treated with budesonide (CIR) MGVM Russel, RNM Zeijen, R-JM Brummer, AP de Bruine, MJPG van Kroonenburgh, RW Stockbrügger
- 1493 Mesalazine induced interstitial nephritis PJ Thuluvath, M Ninkovic, J Calam, M Anderson
- 1497 Copper associated childhood cirrhosis S P Horslen, M S Tanner, T D B Lyon, G S Fell, M F Lowry
- 1501 Pancreatic outflow obstruction as the critical event for human gall stone induced pancreatitis MM Lerch, H Weidenbach, C A Hernandez, G Preclik, G Adler

Views and reviews

- 1504 Personal viewpoint
- 1506 Letter to the editor Book review Notes

No 11 NOVEMBER 1994

Leading articles

- 1507 Cancer in Crohn's disease: dispelling the myths D B Sachar
- 1509 Cell biology of liver endothelial and Kupffer cells B Smedsrød, PJ De Bleser, F Braet, P Lovisetti, K Vanderkerken, E Wisse, A Geerts
- 1517 Echinococcus of the liver D L Morris

Oesophageal motility

- Oesophageal motility and gastro-oesophageal reflux before and after healing of reflux oesophagitis. A study using 24 hour ambulatory pH and pressure monitoring R Timmer, R Breumelhof, JHS M Nadorp, AJP M Smout
- 1523 Secondary oesophageal peristalsis in patients with non-obstructive dysphagia MN Schoeman, RH Holloway

Oesophageal reflux

- 1529 Prospective evaluation of 24 hour ambulatory pH metry in Belsey Mark IV antireflux surgery J M L M Horbach, A A M Masclee, C B H W Lamers, H G Gooszen
- 1536 Primary peristalsis is the major acid clearance mechanism in reflux patients A Anggiansah, G Taylor, N Bright, J Wang, W A Owen, T Rokkas, A R Jones, W J Owen

Stomach

- 1543 Intragastric nitric oxide production in humans: measurements in expelled air JON Lundberg, E Weitzberg, JM Lundberg, K Alving
- 1547 Evaluation of the trophic effect of longterm treatment with the histamine H₂ receptor antagonist loxtidine on rat oxyntic mucosa by differential counting of dispersed cells E Brenna, H G P Swarts, C H W Klaassen, 7 7 H H M de Pont. H L Waldum
- Percutaneous endoscopic gastrostomy in a general hospital: prospective evaluation of indications, outcome, and randomised comparison of two tube designs MZ Panos, H Reilly, A Moran, T Reilly, P J W Wallis, R Wears, I M Chesner

Helicobacter pylori

- 1557 Inhibitory effect of polyunsaturated fatty acids on the growth of Helicobacter pylori: a possible explanation of the effect of diet on peptic ulceration L Thompson, A Cockayne, R C Spiller
- High prevalence of Helicobacter pylori metronidazole resistance in migrants to east London; relation with previous nitroimidazole exposure and gastroduodenal disease N Banatvala, G R Davies, Y Abdi, L Clements, D S Rampton, J M Hardie, R A Feldman
- 1567 Cytokine gene expression in Helicobacter pylori associated antral gastritis SF Moss, S Legon, J Davies, J Calam
- 1571 Improved fold width and increased acid secretion after eradication of the organism in Helicobacter pylori associated enlarged fold gastritis Y Yasunaga, Y Shinomura, S Kanayama, M Yabu, T Nakanishi, Y Miyazaki, Y Murayama, J J Bonilla-Palacios, Y Matsuzawa

Small intestine

- 1575 Characterisation of oxidative injury to an intestinal cell line (HT-29) by hydrogen peroxide AJM Watson, JN Askew, GI Sandle
- 1582 Lymphoid and non-lymphoid cells in the epithelium and lamina propria of intestinal mucosa of pigs H J Rothkötter, T Kirchhoff, R Pabst

Inflammatory bowel disease

- 1590 Ulcerative colitis and Crohn's disease: a comparison of the colorectal cancer risk in extensive colitis CD Gillen, RS Walmsley, P Prior, HA Andrews, RN Allan
- 1593 Increased group II phospholipase A_2 in colonic mucosa of patients with Crohn's disease and ulcerative colitis T Minami, H Tojo, Y Shinomura, Y Matsuzawa, M Okamoto
- 1599 Microalbuminuria in inflammatory bowel disease N Mahmud, J Stinson, M A O'Connell, T J Mantle, P W N Keeling, J Feely, D G Weir, D Kelleher

Large intestine

- 1605 Nerve growth factor receptor immunostaining suggests an extrinsic origin for hypertrophic nerves in Hirschsprung's disease H Kobayashi, D S O'Briain, P Puri
- 1608 Clinical significance of Clostridium difficile and its toxins in faeces of immunocompromised children M J H M Wolfhagen, K Meijer, A C Fluit, R Torensma, R A Bruinsma, A Fleer, J Verhoef
- 1613 Effect of Escherichia coli enterotoxins on macromolecular absorption M Verma, S Majumdar, N K Ganguly, B N S Walia
- Diagnostic yield and management benefit of laparoscopy: a prospective audit GC Vander Velpen, SM Shimi, A Cuschieri

Familial adenomatous polyposis

- 1622 Phenotypic expression in familial adenomatous polyposis: partial prediction by mutation analysis KP Nugent, RKS Phillips, SV Hodgson, S Cottrell, J Smith-Ravin, K Pack, WF Bodmer
- Rectal mucosal ornithine decarboxylase activity in familial adenomatous polyposis after ileorectal anastomosis S E Patchett, E M Alstead, L Trzeciak, T Wocial, R K S Phillips, M J G Farthing

Colorectal cancer

- 1627 Mutations of Ki-ras and p53 genes in colorectal cancer and their prognostic significance M Morrin, M Kelly, N Barrett, P Delaney
- 1632 Cimetidine inhibits in vivo growth of human colon cancer and reverses histamine stimulated in vitro and in vivo growth WJ Adams, JA Lawson, DL Morris

Liver

- 1637 Monitoring oxidative damage in patients with liver cirrhosis and different daily alcohol intake P Clot, M Tabone, S Aricò, E Albano
- 1644 Lipid peroxidation in rats chronically fed ethanol JP Teare, SM Greenfield, D Watson, NA Punchard, N Miller, CA Rice-Evans, RPH Thompson
- 1648 Bacterial translocation in cirrhotic rats. Its role in the development of spontaneous bacterial peritonitis J.M. Llovet, R. Bartoli, R. Planas, E. Cabré, M. Jimenez, A. Urban, I. Ojanguren, J. Arnal, M. A. Gassull

Gall stones

Addition of dimethylsulphoxide to methyl-tert-butyl ether and ethyl propionate increases cholesterol dissolving capacity and cholesterol gall stone dissolution in vitro \$\mathcal{J}JGHMBergman,AKGroen,KHuibregtse}, GNJTvtgat

Danamana

1659 Specific interaction of pancreatic elastase and leucocytes to produce oxygen radicals and its implication in pancreatitis N Tsuji, N Watanabe, T Okamoto, Y Niitsu

Case reports

- 1665 Distal biliary stricture as a complication of sclerosant injection for bleeding duodenal ulcer W Luman, N Hudson, C P Choudari, M A Eastwood, K R Palmer
- 1668 Polypoid mucosal prolapse in a pelvic ileal reservoir J M Blazeby, P Durdey, B F Warren
- 1670 Cap polyposis occurring in the postoperative course of pelvic surgery M Géhénot, J-F Colombel, W Wolschies, P Quandalle, P Gower, M Lecomte-Houcke, H Van Kruiningen, A Cortot

Views and reviews

- 1673 Personal viewpoint
- 1675 Letters to the editor Book reviews Notes
- A1680 British Stomach Cancer Group

No 12 DECEMBER 1994

Leading articles

- 1683 Helicobacter pylori in eastern European countries: what is the current status? T Matysiak-Budnik, F Mégraud
- Paediatric problems in tropical gastroenterology JA Walker-Smith

Oesophagus

1690 Nitrinergic and peptidergic innervation of the human oesophagus C Singaram, A Sengupta, M A Sweet, D J Sugarbaker, R K Goyal

Stomach

1697 Expression of p53 in early (T1) gastric carcinoma and precancerous adjacent mucosa M J Brito, G T Williams, H Thompson, M I Filipe

Small intestine

- 1701 Release of vasodilator, but not vasoconstrictor, neuropeptides and of enteroglucagon by intestinal ischaemia/reperfusion in the rat L Meleagros, M A Ghatei, S R Bloom
- 1707 Enteric protein loss and intestinal permeability changes in children during acute shigellosis and after recovery: effect of zinc supplementation A N Alam, S A Sarker, M A Wahed, M Khatun, M M Rahaman

Inflammatory bowel disease

- 1712 Circulating immunoglobulin G1 antibody in patients with ulcerative colitis against the colonic epithelial protein detected by a novel monoclonal antibody A Dasgupta, A Mandal, K M Das
- 1718 Calcipotriol inhibits rectal epithelial cell proliferation in ulcerative proctocolitis M G Thomas, K P Nugent, A Forbes, R C N Williamson
- 1721 Longterm appraisal of the histological appearances of the ileal reservoir mucosa after restorative proctolectomy for ulcerative colitis P Setti Carraro, I C Talbot, R J Nicholls
- 1728 Depressed T cell reactivity to recall antigens in Crohn's disease before and after surgical resection GD'Haens, M Hiele, P Rutgeerts, K Geboes, J L Ceuppens

Large intestine

- 1734 Colonic secretory effect in response to enteral feeding in humans TE Bowling, A H Raimundo, G K Grimble, D B A Silk
- Divergent effects of epidermal growth factor and calcipotriol on human rectal cell proliferation M G Thomas, G R Brown, M R Alison, R C N Williamson
- 1747 Digestibility and bulking effect of ispaghula husks in healthy humans P Marteau, B Flourié, C Cherbut, J-L Corrèze, P Pellier, J Seylaz, J-C Rambaud

Liver

1753 Resistance of erythrocytes to lipid peroxidation in alcoholic patients NA Punchard, H Senturk, J. P. Teare, R. P. H. Thompson

Biliary tree

1757 Prevention of biliary stent occlusion using cyclical antibiotics and ursodeoxycholic acid S Ghosh, K R Palmer

Gall stones

1760 Rapid cholesterol nucleation time and cholesterol gall stone formation after subtotal or total colectomy in humans I Makino, K Chijiiwa, H Higashijima, S Nakahara, M Kishinaka, S Kuroki, R Mibu

Progress report

1765 Enteral nutrition and the small intestine A P Jenkins, R P H Thompson

Views and reviews

- 1770 Personal viewpoint
- 1772 Letters to the editor Book reviews Notes
- 1777 Author index Main headings, 1994
- 1781 Subject index Main headings, 1994
- 1796 Author index Supplements, 1994
- 1800 Subject index Supplements, 1994

Gut 1994; 35: 1777–1780

AUTHOR INDEX – MAIN HEADINGS, 1994

Key: LA=Leading Article: C=Correspondence

Abdi Y, 1562
Abou El Fadil F, 395
Abreu L, 955
Acheson DWK, 872 (LA)
Ackerman Z, 1394
Adachi Y, 1368
Adams WJ, 1632
Adenis A, 231
Adler G, 1501
Agarwal DK, 112
Agulló J, 822
Ahluwalia NK, 327, 625, 1356
Ainey CC, 1053
Aiso S, 224
Akerlund J-E, 1116
Al-Jaberi TM, 854
Al-Jahdali H, 560
Al Mardimi H, A719
Al-Masri N, 854
Al-Jahdali H, 560
Al Mardimi H, A719
Al-Masri N, 854
Alama AN, 1707
Albano E, 1637
Albane E, 1637
Albarran F, 955
Alcolado R, 1145
Alderson D, 764
Alexander B, 815
Alexander-Williams J, 1673
Alison MR, 577 (LA), 1742
Allan A, 236
Allan RN, 94, 220, 651, 1001, 1590
Allard JP, 783
Allen A, 247, 353
Almendros A, 266
Alstead EM, 51, 467, 1624
Altwood A, A576
Alvarez-Mon M, 955
Alving K, 1543
Amir G, 1394
Ammann RW, 552
Andersen B, 615
Anderson B, 1487
Anderson JR, 461
Anderson M, 1493
Andreani ML, 771
Andreott F, 117
Andreott F, 117
Andreott F, 117
Andrews HA, 220, 651, 1590
Andrews HA, 220, 651, 1590
Andrews HA, 220, 651, 1590
Andrews HA, 1536
Annese V, 1676 (C)
Antolin M, 517, 1090
Anzini F, 884
Apte MV, 1474
Arends JW, 530
Arendt T, 1127
Argenzio RA, 934
Aricò S, 1637
Armengol JR, 1360
Armstrong CP, 991
Armstrong CP, 991
Armstrong D, 455
Arnal J, 1648
Arranz E, 476
Arthur MJ, 729 (LA)
Arthur MJ, 729 (LA)
Arthur MJ, 79, 1042
Austin R, A1680
Axon A, 284 (C)
Ayres RCS, 809

Ayres RCS, 809

Babb RR, 1151 (C)
Bäcker G, 1026
Bäcker G, 1026
Bäcker P, 1026
Bäcker P, 1026
Bäder M, 471
Baeten CGM1, 530
Baillie J, 284 (C)
Baize M, 122
Baker JP, 783
Balboa A, 1360
Ballinger AB, 467
Balslev I, 837
Banatvala N, 179, 1562
Bancewicz J, 165
Banerjee S, 317, 1385
Bangash IH, 1290
Bannister S, A575
Baratz M, 373
Barbara L, 309
Barbera R, 714 (C)
Barlow J, 625, 1356
Baron JH, 15, 323
Barrett N, 1627
Bartlett K, A719
Bartoli R, 1648
Basilisco G, 714 (C)
Bassendine MF, 98, 260, 266, A720, A721, A722
Bateson MC, 716 (C)
Batty GM, 562
Baxter JN, A575, 1459
Bayerl A, 1250
Beattie AD, 191, 317
Beaugerie L, 426
Beger HG, 1468
Beil W, 1176
Bekker PJ, 1363
Belaiche J, 231, 1316

Bell G, 1121
Bell GD, 1209
Bell JI, 696
Benhamou JP, 705, 1004
Bennett MK, 266
Bennett RJM, 327
Bergman JJGHM, 1653
Bernet MF, 483, 1449
Berry AR, 288 (C)
Berschneider HM, 934
Bhattacharya S, A721
Bianchi PA, 714 (C)
Biasco G, 309
Bijlsma PB, 338
Bille J, 23
Binder V, 68, 360
Binnoeller KF, 417
Birkholz C, 1176
Bisalli A, 631
Bjarnason I, 1244
Björkhem I, 1116
Black NA, 1301
Blackshaw PE, 186, 1363
Blake DR, 179
Blanc LE, 750
Blazeby JM, 1668
Blijham GH, 530
Blok P, 1372
Bloom SR, 170
Blum AL, 455
Blumberg BS, 1770
Bode J, 476
Bodmer WF, 1622
Boeing H, 717 (C)
Boesby S, 837
Bonenkamp JJ, A1681
Boollar Palacios JJ, 1571
Bont Booker SV, 377
Booth JC, A720
Bone A, A575
Bone J, 837
Bonenkamp JJ, A1681
Bookler SV, 377
Booth JC, A720
Borch K, 140 (C)
Bordsh JM, 8
Börsch G, 19
Boscanin M, 117
Bosma NB, 1151 (C)
Boucher E, 1107
Bouchier-Hayes D, A575
Bouchier IAD, 1290
Boulos PB, 996
Bouvry M, 231
Bowling TE, 1734
Bowling TE, 1734
Bowling TE, 1734
Bowry J, 1145
Boyle MA, 73
Bozkurt T, 1132
Bradley D, 849
Bract F, 1509 (LA)
Braganza JM, A574
Bramhall SR, A576
Brandtzaeg P, 669
Braquet M, 905
Brasart D, 483
Braun U, 1132
Bradley D, 849
Bract F, 1509 (LA)
Braganza JM, A574
Bramhall SR, A576
Brandtzaeg P, 669
Braquet M, 905
Brasart D, 483
Braun U, 1132
Brazer JE L 1994
Breedveld FC, 841
Breglia A, 1042
Brena E, 1547
Bretagne J-F, 231
Bremelhof R, 733, 1519
Bright N, 1536
Brisot P, 1107
Briton MJ, 1419
Broco P, A575
Brönnimann B, 130
Brooks W, 701
Brown GR, 1742
Brown DL, 61
Brown GR, 1742
Brown JL, 4720
Brown W, 224
Bruinsma RA, 1608
Brullet E, 286 (C)
Brumsma RA, 1608
Buckel JAC, 809
Buene J, 925
Burk A, 935
Burk A, 935
Burk A, 935
B

Cabré E, 1648 Calam J, 1493, 1567 Calcraft B, 363 Calvet X, 286 (C) Cameron AJ, 864 (C) Camilleri M, 536, 1064 Campbell G, A575
Campbell IT, 1459
Campo R, 286 (C)
Caplan MS, 215
Caputo N, 779
Carballo F, 822
Carmona R, 926
Carnaby S, 51, 211
Carpenter M, 98
Carr D, 707
Carter CR, 461
Casellas F, 517
Cathignol D, 395
Catnach SM, 441 (LA), 467
Cats A, 1262
Cattan AR, 266
Cawkwell L, 141 (C)
Caygill CPJ, 1675 (C)
Cederberg C, 455
Celle G, 1151 (C)
Cellier C, 231
Ceska M, 338
Ceuppens JL, 1728
Cevallos AM, 51
Chalmers AH, 847
Chambers DL, 564
Chandie Shaw MP, 841
Chapelon J-Y, 395
Chapman BA, 564
Chapelon J-Y, 395
Chapman RWG, A719
Chatelet F-P, 426
Chavssade S, 141 (C), 287 (C)
Chayvialle J-A, 490
Cheeseman P, A719
Chen D, A576
Chen K-W, 746
Cherbut C, 1747
Cheslyn-Curris S, 692
Chesner IM, 1551
Chia YW, 388
Chicharro L, 1360
Chijiwa K, 1760
Chijiwa K, 1760
Chiyende J, 849
Choi PM, 863 (C), 950
Choudari CP, 464, 608, 1665
Choudhuri G, 112
Christensen H, 1275
Christensen LA, 287 (C)
Christophe J-L, 712
Chu M, 140 (C)
Chui A, 1379
Ciclitira PJ, 1037, 1398
Clark ML, 211, 467
Clarke E, 127
Clements L, 1562
Clot P, 1637
Cockayne A, 1557
Coconnier MH, 1449
Coghill NF, 1153 (C)
Coletta S, 1042
Collier JD, 98, 266, A721, A722
Collin PJ, 1215
Collins JSA, 769
Colombel JF, 1316, 1433, 1670
Cosnes J, 426
Cotton PB, 284 (C)
Cottrol R, 1396
Crips HA, 1457
Creacy GR, 771
Corazza GR, 771
Corare G, 771
Cor

Dahill S, 317, 891 Dalekos GN, 369 Dansereau RJ, 1363 D'Arrigo C, 1343 Das KM, 1712 Dasgupta A, 1712 David D, 916 Davidsen M, 360
Davidson GP, 159
Davies GR, 179, 1562
Davies J, 1459, 1567
Davies MH, 809
Davies GR, 363
Davison SM, A719
De Bleser PJ, 1509 (LA)
de Bruine AP, 1490
de Castecker JS, 447
De Maria N, 865 (C)
de Pont JJHHM, 1547
de Silva HJ, 1282
Deardon D, A574
Deen KI, 391
Degott C, 705
Deharvengt MC, 750
Dekker W, 1372
Delaney P, 1627
Delchier JC, 750
Delgado E, 687
Dembinski A, 1189, 1197
Denizot Y, 141 (C), 287 (C)
Dent J, 159, 172, 590
Desjeux JF, 631
Deugnier YM, 1107
Deviere J, 122
Devlin HB, 1209
Dewsnap PA, 285 (C)
D'Haens G, 1728
Dhawan A, A719
Di Mattoe FM, 909
di Orio F, 771
Diaz-Ruiz C, 1086
Dick R, 567, A721
Dickey W, 769
Dickinson RJ, 611
DiMagno EP, 1772 (C)
Dimani N, A1681
Dimberg J, 40
Dixon MF, 758
Dobson H, 1343
Doershuk CF, 709
Dolan S, A575
Domenech E, 1205
Domnschke W, 1026, 1197
Donald JJ, 692
Donnelly R, 278
Donnesh S, 1010
Dover S, 1385
Dover SB, 1112
Drummond J, 665
Dunn JA, 94
Dupas J-L, 1443
Dursarkanath AD, 1001, 1141
Dyer NH, 429 (C)

Eastwood MA, 90, 1665
ECHSS group, 1301
Ectors NL, 864 (C)
Eddleston ALWF, 1013 (LA)
Eddwards FC, 1153 (C)
Einarsson K, 1116
Ekbom, 946
El-Omar E, 571 (C), 1385
El-Salhy M, 1413
El Sayed T, A1681
Eliakim R, 141 (C), 1394
Eliak E, 809
Eliis C, 1098
Ellis C, 1098
Ellis C, 1098
Ellis C, 1098
Ellis G, 1855
Engel M, 1415
Engel AF, 857
Engelman JL, 683
Engels LGJB, 530
Erb SR, 280
Erb SR, 280
Erlinger S, 705
Eskerod O, 637
Etienne IP, 905
EUROGAST Study Group, 716 (C)
European Board of Gastroenterology, 135
Evans KT, 363
Evans R, 1053
Evenit S, 1030
Ewen SWB, 599

Fabre R, 905
Faik P, 683
Fairclough PD, 211, 441 (LA)
Falke ThHM, 1676 (C)
Fallingborg J, 287 (C)
Fan XJ, 1379
Farinati F, 865 (C)
Färkkilä M, 1271
Farthing MJG, 1 (LA), 51, 203, 211, 285 (C), 496, 1624
Fazzaneh F, A720
Fausa O, 669
Fedorak RN, 1439
Feely J, 1599
Fefer L, 916
Feldman RA, 1562
Fell GS, 1947
Ferguson A, 476, 665
Fernández-Bañares F, 1205

Fernández-Corugedo A, 955
Fernandez-Represa JA, 1773 (C)
Fert U, 471
Feut U, 471
Feut GE, 275, 429 (C)
Feyerabend C, 247
Fidler HM, 506
Fielding JWL, A1681
Filipe II, 961
Filipe MI, 604, A1680, 1697
Fine D, A575
Finlayson C, 1219
Finlayson NDC, 445 (LA)
Finnie IA, 278, 557, 1152 (C)
Fiorucci S, 909
Firth J, 961
Fitt S, 569
Flanagan BF, A575
Fleer A, 1608
Fleming KA, A719
Fletcher J, 1150 (C)
Flogerzi B, 270, 896
Florent C, 231
Flourié B, 1747
Fluit AC, 1608
Fogg F, 247
Forbes A, 788, 1718
Forgaes I, 732
Forman D, 716 (C)
Formela LJ, A574
Foster GR, A720
Fradet G, 280
Fraser RJ, 172
Frier R, 23
French J, 126
Fried M, 23, 455
Friser RJ, 172
Fried M, 23, 455
Friedman EH, 286 (C), 572 (C)
Friend DR, 1439
Friess H, 1468
Froeblich F, 23
Froguel E, 231
Frost E, 1294
Fujimura Y, 46
Fujishima M, 1058
Fukumura D, 1375
Fullarton GM, 863 (C), 1121
Furne I, 1098
Furno A, 1676 (C)
Furukawa Y, 159

Galassini R, A720
Galatola G, 771
Gallagher G, A575
Galloway SW, A574
Ganguly NK, 1613
Gardiner KR, 511
Garmer A, 270
Garvey C, 557
Gasbarrini G, 771
Gassull MA, 1205, 1648
Gauperaa T, 941
Gebhart CJ, 1483
Geboes K, 1404, 1728
Geboes K, 1404, 1728
Geboes KJ, 864 (C)
Geerts A, 1509 (LA)
Gehenot M, 1670
Geis G, 755
Gendre J-P, 426
Genin C, 803
Gentry J, A721
Gerber HA, 896
Gerok W, 401, 1772 (C)
Gertner DJ, 1429
Gerzer R, 1250
Geypens BJ, 333
Ghatei MA, 1701
Ghoos Y, 1404
Ghoos YF, 333
Ghosh P, 557
Giansanti M, 909
Gial A, 926
Gilat T, 373
Gilbert JM, 572 (C)
Giles TE, A575
Gillams AR, 692
Gillen CD, 651, 1590
Gilly G, 1132
Gilmore IT, A576
Gimson A, 1322
Girón JA, 955
Glaumann H, 84
Glazer G, A574
Gleeson D, 542
Goggin P, A575
Goldin RD, A720
Gomborone JE, 285 (C)
Gompertz RHK, 991
Gonvers JJ, 23
Gooszen HG, 1529
Gorard DA, 203, 496
Goss-Sampson MA, 34
Gottfried MR, 879
Gottrand F, 313
Gower P, 1670
Gower-Rousseau C, 1316, 1433
Gover P, 1670
Gower-Rousseau C, 1316, 1433
Goyal RK, 1690
Graham DY, 742
Grahn MF, 73, 1152 (C)
Grande L, 8
Greaves RRFH, 323
Greenberg GR, 783

Grimelius L, 1413 Groen AK, 1653 Groeneveld ABJ, 737 Groom JS, 523 Grotz RL, 798 Grove DI, 437 (LA) Guarner F, 517, 1090 Gudgeon AM, 1311 Guerrant RL, 289 (LA) Gummett PA, 15, 323 Gurbuz AK, 377 Gustafson-Syrd C, 40 Guyader D, 1107 Gyr K, 23

Habal FM, 783
Haber PS, 1474
Hadengue A, 705
Hagel J, 1026
Hainsworth PJ, 991, 1773 (C)
Hailal A, 266
Hallak A, 373
Halstensen TS, 669
Hallater F, 270, 896
Hamilton SR, 377
Halmer B, 471
Hammond SM, 441 (LA)
Hankey GL, 65
Hannaford PC, 107
Hansen BF, 615
Hannaford PC, 107
Hansen BF, 615
Hansen MB, 637
Hanson RB, 536
Harboe M, 382
Hardie JM, 1562
Harding LK, 976
Harrison J, 717 (C)
Harrison PM, A720, A720
Harrison J, 717 (C)
Harrison PM, 720, A721
Hard DJ, 564
Haruma K, 1064
Harvey RF, 1150 (C)
Hasan MY, 270
Hatz R, 701
Hawkey CJ, 1030
Hawksby C, 317
Hawley PR, 347, 1070, 1076
Hayashi A, 224
Hayes N, 1137, A1681
Hayes PC, 445 (LA), 1290
Healey CJ, A719
Heath DJ, 1311
Heathcote EJ, 260
Heaton KW, 1455
Hedef N, 905
Heggie L, 165, 625, 1356
Heim J-M, 1250
Heineman E, 1338 (LA)
Heller M, 1102
Hellers G, 84
Helske T, 1167
Hengels KJ, 755
Henry MM, 388
Hermans J, A1681
Hernandez CA, 1501
Hershman MJ, A574, A576
Herszenyi L, 865 (C)
Hetzel DJ, 590
Heyman M, 631
Hibi T, 224
Hicle MI, 333
Higashijima H, 1760
Higgins JNP, 567
Hill MJ, 1675 (C)
Hilling GAL, 847
Hilson AJW, A721
Hilon AJW, A721
Hilonshy J, 1022
Hoppe-Seyler P, 401, 1772 (C)
Hodgson SV, 162
Holden RJ, 191
Holguin J, 809
Hollander D, 68
Holloway RH, 152, 1523
Hollow A, 129
Holymin J, 1029
Hopkins J, 1022
Hoppe-Seyler P, 401, 1772 (C)
Hodgson SV, 162
Holloway RH, 152, 1523
Hollom K, 55
Holme GKT, 65
Hollon J, 309
Holosin S, 1081
Howard ER, 257
Hsu L-Y, 746
Hsue-W, 215
Huunder S, 1081
Howard ER, 257
Hsu L-Y, 746
Hsue-W, 215
Huunder S, 1081
Howard ER, 257
Hsu L-Y, 746
Hsue-W, 215
Huunder S, 1081
Howard ER, 257
Hsu L-Y, 746
Hsue-N, 1030, 1665
Hughes EE, 656, 1139
Horbon DF, 987
Horsten SP, 1497
Hosodo N, 317
Horbon DF, 987
Horsten SP, 1497
Hosodo N, 318
Howard ER, 257
Hsu L-Y, 746
Hsue-N, 1030, 1665
Hughes EE, 656, 1139
Hurborer P, 1041
Hurborer P, 1051
Hurborer

Hutchinson R, 94, 391, 976, 1676 (C) Hutton M, 73 Huysmans V, 1404 Hyvärinen H, 1167

Ibáñez A, 1648 Ibáñez S, 687 Idstróm J-P, 455 Iida M, 864 (C), 1058 Imrie CW, A575, 1311 Iqbal TH, 1233 Iredale JP, 729 (LA) Irving WL, A719 Iwao Y, 224 Izumi S, A720, 982

Izumi S, A720, 982

Jablonowski H, 755
Jackson GDF, T047
Jaffe V, 815
James OFW, A720, A721, 1267
James WB, 191
Jameson JS, 388
Jankowski J, A1680
Janowitz HD, 860
Janowitz HD, 860
Janomitz HD, 860
Jardine DL, 564
Järnerot G, 1155 (LA), 1282
Järvinen H, 243
Järvinen H, 243
Järvinen H, 126
Järvinen H, 127
Jass JR, 1328
Jeejeebhoy KN, 783
Jeffers M, 1226
Jehanli A, 1311
Jenkins AP, 1765
Jenkins PA, 363
Jenkins SA, 1459
Jenner JR, 611
Jernigan J, 289 (LA)
Jewell DP, 696, 714 (C), 1282
Jaing S-J, 862
Johnson AG, 1294
Johnson CD, 140 (C), 412, A575, A576
Johnson DD, 140
Johnson RM, 1271
Jolobe OMP, 140 (C), 1773 (C)
Jones AG, A576
Jones AL, 1290
Jones AR, 1536
Jones RH, 285 (C)
Julin KD, 1363
Juncá J, 1205
Juvonen T, 646

Kaess H, 27
Kahri A, 243
Kai A, 1375
Kakkar AK, A576
Kalambaheti T, 1047
Kalloo AN, 1319
Kamm MA, 347, 523, 857, 1419
Kanayama S, 1571
Kandil HM, 934
Kang JY, 863 (C)
Kapoor VK, 112
Karanija ND, 547, 1306
Karim QN, 15
Karmeli F, 1181, 1394
Katz A, 260
Katz KD, 68
Kawai Y, 224
Kay CR, 107
Keeling NJ, A1680
Keeling PWN, 1379, 1599
Keighley MRB, 236, 391
Kelleher D, 1226, 1379, 1599
Keighley MRB, 236, 391
Kelleher D, 1226, 1379, 1599
Kelly DA, A719
Kelly BM, 617
Kerlin P, 641
Kerneis S, 1449
Kerr MA, 1022
Kerr MA, 1027
Kingstone K, 476
King SD, 1172
Khatun M, 1707
Kiff RS, 287 (C)
Kinara T, 46
Kim WH, 863 (C)
Kingsnorth AN, A574, A575, A576
Kingstone K, 476
Kino J, 715 (C)
Kirchhoff T, 1582
Kishinaka M, 1760
Kissmeyer-Nielsen P, 1275
Klaassen CHW, 1547
Klar A, 1329 (C)
Kleibeuker JH, 1262
Klein U, 819
Knill-Jones RP, 191
Knipschild P, 1506 (C)
Kobayashi H, 1605
Kobayashi H, 1606
Kobayashi H, 1605
Kobayashi H, 1605
Kobayashi H, 1606
Kobayashi H, 1605
Kobayashi H, 1606
Kobayashi H, 1607
Kolman J, 1378, 1676 (C)
Kolman J, 1737, 1676 (C)
Kontakou M, 1037, 1398

Konturek JW, 1197 Konturek SJ, 1189, 1197 Körber J, 1424 Korc M, 1468 Korsten MA, 1474 Koskimies S, 55 Koster JC, 1004 Koszka Ch, 819 Koukoulis G, 1322 Kraemer N, 755 Krause G, 1250 Kreuzpaintner G, 363 Krige JEJ, 865 (C) Kruse A, 837 Krush AJ, 377 Kubben FJGM, 530 Kumar D, 94, 391, 976 Kumar U, 4720 Kuroki F, 1058 Kuroki S, 1760 Kuroki S, 1760 Kuster E, 8

Labenz J. 19
Laboisse CL, 338
Ladinser B, 776
Laippala P, 1215
Lam HGTh, 733
Lameris JS, 1004
Lamers CBHW, 501, 841, 1529
Lammers KM, 338
Langholy E, 68, 360
Langley PG, 982, A720
Lankisch PG, 1479
Lapenna D, 284 (C)
Larner AJ, 714 (C)
Laurberg S, 1275
Laurenson IF, 179
Laurent-Puig P, 905
Lawler M, 1226
Lawrie BW, 363
Lawson GHK, 1483
Lawson GHK, 1483
Lawson JA, 1632
Le Quintrec Y, 426
Lea T, 382
Leader M, 61
Lebert P, 1107
Leclerc H, 313
Lecomte-Houcke M, 313, 1670
Lee C-H, 1389
Lee FP, 891
Lee S-D, 1389
Lee FD, 891
Lee S-D, 1389
Lees WR, 692
Leferink S, 1132
Leffers P, 1506 (C)
Legon S, 1567
Leicester RJ, 429 (C)
Lemahieu M, 1433
Lemaire B, 1433
Lendrum R, 266
Lennard-Jones JE, 347, 1419, 1429
Lennard TWJ, 991, 1773 (C)
Lennon J, 127, 1010 (C)
Lennon G, 1677 (C)
Lerch MM, 401, 1501, 1772 (C)
Lerch MM, 401, 1501, 1772 (C)
Levin RJ, 1237
Levison DA, 961
Levit MD, 1098
Lewis KO, 1233
L'helgoualc'h A, 631
Li JKW, 94
Libby GW, 203, 285 (C), 496
Lieverse RJ, 501
Lilja 1, 40
Liljeqvist L, 1116
Limb GA, 1037
Lin C-Y, 746
Limd H-J, 1389
Lin T-J, 1389
Lin T-J, 1389
Lin T-J, 1389
Lin T-J, 1424
Lipsanen V, 55
Livingstone JI, 604, A1680, A1681, A1682
Llovet JM, 1648
Lobo AJ, 1150 (C), 1172
Loehry CA, 1145
Loft DE, 299
Logan RFA, 107, 369
Logan RPH, 15, 309, 323
Löhr-Happe A, 1479
Loby SM, 1543
Lundlerg JM, 1540
Luvinsh J, 426
Luchi F, 803
Lunan W, 1665
Lundlerg JM, 1543
Lundlerg JM, 1549
Luvinsh J, 426
Luchi F, 803
Lunan W, 1665
Lundlerg JM, 1549
Luvinsh J, 426
Luchi F, 803
Lundlerg JM, 1543
Lundlerg JM, 1549
Luvinsh JM, 1549

McAlindon ME, 1677 (C) McCloy RF, 1209 McCluggage G, A575 McColl KEL, 317, 571 (C), 863 (C), 1112, 1385 McCollloch P, A1680 McDevitt J, 1379
McDicken IF, A575
Macdonald IA, 186
McFadden JJ, 506
Macfarland JD, 841
McGarvey MJ, A720
McHugh M, 467
McIntorsh J, A574
McIntorsh J, A574
McIntyre AS, 140 (C)
Macintyre IMC, 451, 1675 (C)
Mackay AG, 1219
McKay C, A575
McKay JA, 599
Mackinnon M, 590
McKirdy HC, 412
McLaughlin JK, 946
McLaughlin JK, 946
McLaughlin JK, 946
McLaughlin JC, 769
McMahon MJ, 941
McMaster P, 809
MacMathuna P, 127, 1010 (C)
McOrist S, 1483
Madden MV, 865 (C), 1429
Maddox AF, 172
Madsen PV, 132
Maeda S, 1258
Machara Y, 1368
Maes BD, 333
Mahmud N, 1599
Maiuri L, 779, 1042 Maes BD, 333
Mahmud N, 1599
Maiuri L, 779, 1042
Majka J, 1189
Major GN, A722
Majumdar S, 1613
Maki M, 55
Makin AJ, 569
Makin C, 1459
Makin C, 1459
Makin C, 1459
Malay HM, 742
Mandal A, 1712
Mandal BK, 726 (LA)
Mann D, A574 Mann D, A574
Manns MP, 1163 (LA)
Mann D, A574
Manns MP, 1163 (LA)
Mantle TJ, 1599
Manzano L, 955
Marafin C, 865 (C)
Marceau N, 294 (LA)
Marjoribanks FM, 191
Marks CG, 1447
Marks IN, 571 (C)
Marples M, 165
Marrero JM, 447
Martks IN, 571 (C)
Marples M, 165
Marrero JM, 447
Marti R, 1433
Martin DF, 408, 1011 (LA)
Martin IG, 758
Martin JF, A721
Mary J-Y, 231
Mary J-Y, 231
Masalas CN, 369
Masclee AAM, 501, 1529
Maslam MZ, 714 (C)
Mathie RT, 815
Matsumoto T, 1058
Matsuzawa Y, 1571, 1593
Matysiak-Budnik T, 1683 (LA)
Matzinger FR, 560
Maxwell JD, 447, 867 (LA), 1219
May GR, 1675 (C)
Mayer AD, 809
Mayer EA, 916
Mayol J, 1773 (C)
Mazlam MZ, 5 (LA), 77
Mazzeo F, 1042
Mearin F, 1360
Meddings JB, 1675 (C)
Mecar Khan P, 1262
Megraud F, 1683 (LA)
Meijer K, 1608
Meijssen MAC, 1338 (LA)
Mela G, 1151 (C)
Meleagros L, 1701
Melton LJ, 619
Merville DM, 1076
Melvin WT, 599
Mendesson GM, 323
Menegatti M, 309
Meneses M, 101
Menke-Pluymers MBE, 1348
Menko FH, 1262
Merkouropoulos M, 369
Merrick MV, 90
Mertz H, 916
Meuwissen SGM, 737
Meyrick Thomas J, A1681
Mibu R, 1760
Michetti F, 884
Michieletti P, 260
Michi-Vergani G, 849
Miglioli M, 309
Mignon M, 905
Milla PJ, 34
Miller N, 1644
Miller S, 317
Miyazaki Y, 1571
Modigliani R, 231
Moirand R, 107
Moja Ph, 803
Molorer M, 714 (C)
Moller H, 716 (C)
Moller H, 717 (C)
Moller H, 716 (C)
Moller H, 717 (C)
Mol Montori A, 117
Moore MR, 1112
Moorghen M, 764
Moorghen M, 764
Moran A, 1551
Morelli A, 909
Moretó M, 687
Morgan GP, 297 (LA)
Mori M, 1368, 1375
Morrin M, 1627
Morris AI, 278
Morris AI, 278
Morris JJ, 363
Morris JJ, 363
Morris JS, 562
Morris JS, 562
Morris TJ, 363
Mosimann F, 130
Moss SF, 1567
Mowat AP, A719, 849
Muellhaupt B, 552
Mulder AH, 1348
Mule P, 309
Muller DFR, 34
Munck LK, 637
Munkholm P, 68, 360, 1675 (C)
Murayama Y, 1571
Murch SH, 715 (C)
Murphy GM, 683, A719
Murray FE, 107

Mutimer DJ, 809

Naccarato R, 865 (C)
Nadorp JHSM, 1519
Nagasasko K, 1258
Nagel E, 1424
Nagengast FM, 1262
Nakahara S, 1760
Nakanishi T, 1571
Nalin DR, 145 (LA)
Nam V-C, 417
Naoumov NV, 1013 (LA)
Narielvala FM, 590
Nash J, 1141, A1680
Nath SK, 631
Neeser JR, 483
Negi TS, 112
Neclufer JM, 1037
Nemitz R, 717 (C)
Neoptolemos JP, A576
Neuberger JM, A719, 809
Neumann CS, 1352
Necomb PV, 764
Newcombe RG, 353, 363
Newell D, 716 (C)
Newton M, 423
Niazi N, 916
Nicholl JP, 1294
Nicholls RJ, 523, 1070, 1076, 1429, 1721
Nigam AK, 996
Nitsu Y, 1659
Nitson B, 84
Ninkovic M, 1493
Noach LA, 151 (C)
Nobili V, 1398
Northover JMA, 141 (C)
Notghi A, 976
Novell JR, A721
Nugent KP, 1622, 1718
Nuñez MC, 926
Nuttens MC, 1316, 1433
Nwokolo CU, 220, 299
Nyhlin H, 90
Nyrien O, 946
Nzegwu HC, 1237

O'Briain DS, 1226, 1605
O'Brien F, 451
Ochiai A, A1680
O'Connell MA, 1599
O'Donovan D, A575
O'Dowd J, A1680
Odum L, 615
O'Farrelly C, 1226
O'Hanrahan T, 165
Ohara M, 224
Ojanguren I, 1648
Ojembarrena E, 687
Okamoto H, A575
Okamoto H, A575
Okamoto H, 1593
Okamoto T, 1659
Okazaki K, 715 (C)
Okon E, 1181
Ochon E, 1181
Orholm M, 68
Osborne M, A1680
Osbitani N, 284 (C)
Oskam W, 1262
Osnes M, 1464
Osnes T, 1466
Osnes M, 1630
Owen WA, 1536
Owen WJ, 1536
Owen WA, 1536
Ozmen MM, 140 (C)

Pabst R, 1582 Pack K, 1622 Palmer JM, 260 Palmer KR, 464, 608, 1665, 1757 Panos MZ, 1151 (C), 1551 Papachrysostomou M, 252 Papar F, 1042 Papo M, 1360
Parker MC, 1010 (C)
Parkes HG, A719
Parkes HG, A719
Parkeilla A-K, 646
Parkkila S, 646
Parkeilla S, 646
Peters-Haesevoets A, 530
Peeters M, 1404
Peiper M, 1479
Pellier P, 1747
Pemberton JH, 798
Peña AS, 1676 (C)
Penman I, 1385
Pera C, 8
Pérez-Mateo M, 822
Pérez-Tomás R, 1086
Perini L, R65 (C)
Perkins AC, 1363
Pernambuo JRB, A720, 982
Pernes P, 313
Perng C-L, 1389
Peters RA, 1287, 1322
Peters TJ, 1102
Petersen HD, 615
Pfeiffer A, 27
Phillips RKS, 1622, 1624
Piccinni-Leopardi M, 117
Pichlmayr R, 1424
Pignatelli B, 455
Pignatelli M, 996, 1343
Piretta L, 884
Pirola RC, 1474
Pittschieler K, 776
Planas R, 1205, 1648
Plenderleith L, 1112
Pommerien W, 819
Pon C, 560
Portmann B, 849, 1322
Portmann BC, 569
Posthuma EFM, 841
Poston GJ, 557 Posthuma EFM, 841
Poston GJ, 557
Potamiano S, 461
Potet F, 905
Powell JJ, 1053
Poxon V, 236
Pozzetto B, 803
Prat F, 395
Precilik G, 1501
Present DH, 1150 (C)
Price A, 961
Price AB, 1244
Prior P, 651, 1590
Probert CSJ, 1455
Przemioslo RT, 1037, 1398
Pugh S, 675
Puilol A, 8
Pukkala E, 1215
Pullan RD, 247, 353, 363
Punchard NA, 1644, 1753
Punit MCA, 987
Puri P, 1605

Quaglino D, 771 Quandalle P, 1670 Quensel A, 803 Quer JC, 1205 Quine MA, 1209 Quirke P, 141 (C)

Quirke P, 141 (C)

Rabau M, 373
Rabot A-F, 1107
Rachmilewitz D, 141 (C), 1149, 1181, 1394
Raedler A, 1081
Raedsch R, 717 (C)
Raeen H, 916
Rahaman MM, 1707
Raia V, 1042
Raimes SA, A1681
Raimundo AH, 1734
Rajaniemi H, 646
Raigopal C, 464
Rambaud J-C, 1747
Rampton DS, 179, 1429, 1562
Rask-Madsen J, 637, 1008
Rasmussen HH, 837
Rampton DS, 179, 1429, 1562
Rask-Madsen J, 637, 1008
Rasmussen SN, 837
Rath DM, 798
Ratutureau M, 631
Rauws EAJ, 1151 (C)
Rad NW, 1409
Redenad DN, 445 (LA)
Rayter Z, 429 (C)
Read NW, 1409
Reber HA, 547, 1306
Record CO, A719
Redhead DN, 445 (LA)
Redmond H, A575
Reed W, 590
Rehfeld JF, 615, A576
Reilly H, 1551
Reunala T, 1215
Reyes H, 101
Rhodes J, 247, 353, 363
Rhodes JM, 557, 1141, 1152 (C)
Rhodes M, 247, 353, 991, 1152 (C)
Rhodes P, 363
Ribalta J, 101
Ricc Evans CA, 1644
Ricecken EO, 471, 819
Rigby HS, 847

Rigg JD, 408
Riordan AM, 571 (C)
Rios A, 926
Ritchie JK, 347, 1070, 1076
Ritter MM, 701
Roberts G, 363
Robertson DAF, 847
Robinson G, A1680
Rodde I, 905
Rodriguez R, 517
Roe AM, 1329 (C)
Rogers J, 73, 388
Roine RP, 1271
Rokkas T, 1536
Rolf TM, 1151 (C)
Román LI, 955
Rook GAW, 506
Ros E, 8
Rose J, A720
Rosella G, 969
Rosella G, 969
Rosella O, 791, 969
Rosenberg WMC, 696
Ross B, 1294
Ross JC, 1676 (C)
Rossi M, 1042
Rossipal E, 776
Rothkötter HJ, 1582
Rotterdam Oesophageal Tumour Study
Group, 1348
Roudot-Thoraval F, 750
Rovati LC, 501
Rowan BP, 542
Rowlands BJ, 511, A575
Royall D, 783
Ruckdeschel G, 701
Rucker JT, 571 (C)
Ruddell WSJ, 844
Rugtveit J, 669
Rumsey RDE, 1409
Ruppin H, 1026
Russel RGVM, 1490
Russell MGVM, 1490
Russell MGVM, 1490
Russell MGVM, 1490
Russell RM, 1102
Rutgeerts P, 1404
Rutgeerts PJ, 333, 864 (C)
Ryder DB, 1507 (LA)

Sachar DB, 1507 (LA)
Sagar PM, 941
Sahmoud T, 231
Salas A, 517, 1090
Salaspuro M, 1271
Salie R, 849
Salomez J-L, 1433
Samson HJ, 247
Samuels T, 1459
Samuni A, 1181
Sandberg-Gertzn H, 1282
Sanders DSA, 1022
Sanderson CFB, 1301
Sandle GI, 1575
Sandoval L, 101
Sandstad O, 1464
Sanidas E, Al680
Sanner M, 270, 896
Santo M, 373
Santucci L, 909
Saraswat VA, 112
Sarker SA, 1707
Sarraf CE, 577 (LA)
Sarsfield P, 875
Sasako M, A1680
Satsangi J, 696, 714 (C)
Savarino V, 1151 (C)
Savilahti E, 55
Saxena R, 112
Sayer J, 864 (C)
Schaufelberger HD, 323
Schoele CD, 619
Schichting E, 382
Schmassmann A, 270, 896
Schmidt T, 27
Schoeman MN, 152, 1523
Schofield D, A574
Schofield PF, 717 (C)
Schouten WR, 658
Schreiber HW, 417
Schreiber S, 1081
Schutte B, 530
Schwartz MP, 1151 (C)
Scott BB, 429 (C)
Scott EM, 429 (C)
Scott EM, 429 (C)
Scott H, 669
Scott N, 141 (C)
Sengupta A, 1690
Senturk H, 1753
Seppäla K, 1167
Sequeira S, A719
Seving K-F, 1176
Seylaz J, 1747
Shahi CN, 1379
Sharer NM, A574
Shapstone D, 833
Shaw D, 599
Sheaff MT, 179
Shearman DJC, 590

Sheffield JP, 347
Sheils O, 1226
Shenkin A, 1311
Shepherd NA, 764, 961, 1172
Sherlock S, 828
Shidrawi RG, 1772 (C)
Shields R, 278, A576
Shimi SM, 1617
Shin J-S, 746
Shinomura Y, 1571, 1593
Sibille A, 395
Sidery MB, 186
Siegrist H, 23
Siegrist HH, 455
Silk DBA, 299, 1734
Simanowski UA, 1102
Simmonds NJ, 179
Singaram C, 1690
Singh P, 304
Singh S, 1250
Sipponen P, 1167
Siurala M, 1167
Siddahl R, 40
Skar V, 1464
Skidmore SJ, A719
Smedsrod B, 1509 (LA)
Smith A, 542
Smith D, 1102
Smith NB, 976
Smith P, 304
Smith P, 304
Smith P, 305
Sochendra N, 417
Solcia E, 590
Songun I, A1681
Sorensen HT, 837
Sörstad J, 84
Southern SN, A575
Spiegelhalter DJ, 191, 961
Spiller RC, 723 (LA), 1363, 1557
Spire H, 1504
Stamiser RJ, 1394
Stamiser RJ, 1394
Stamiser RJ, 1394
Stamiser RJ, 1394
Stamer S, 1394
Stamer S, 1394
Stamer S, 1394
Stamer S, 1395
Stevens RB, 717 (C)
Stevens RB, 717 (C)
Stevens RB, 717
Stibb J, 1004
Stiole I, 1997
Stolte M, 701
Stolzel U, 819
Stone R, 363
Strain AJ, 433 (LA), A719
Strivatsua W, 1375
Sturbes AP, 687

Suzuki M, 1375 Swarbrick ET, 51 Swarts HGP, 1547 Swash M, 388 Sweet MA, 1690 Swift GL, 363 Sykes RE, A1680 Syrick P, 816 Sytnik B, 916

Taal BG, 1262
Tabone M, 1637
Tabuchi M, 1278
Tada S, 864 (C)
Tagesson C, 40
Taha A, 844
Taha AS, 891
Takaishi H, 224
Talbot IC, 715 (C), 857, 1419, 1429, 1721
Talley NJ, 619, 798
Tan KC, 849
Tan WC, 220
Tanner A, 707
Tanner MS, 1497
Tanskanen M, 243
Tarnawski A, 896
Tate J, 567
Taylor BA, 287 (C)
Taylor G, 1536
Taylor RH, 304
Tbukhi A, 854
Teahon K, 571 (C), 1244
Teare JP, 1644, 1753
Tebbutt S, A576
Telen MJ, 879
Theillière Y, 395
Theodossi A, 961
Thijs C, 1506 (C)
Thillainayagam AV, 211
Thomas GAO, 247, 353, 363, 675
Thomas HC, A720
Thomas MG, 1718, 1742
Thomas PJ, 323
Thomas NG, 1718, 1742
Thomas PJ, 323
Thompson L, 1557
Thompson H, 961, 1697
Thompson H, 961, 1697
Thompson H, 961, 1697
Thompson RPH, 1053, 1644, 1753, 1765
Thompson RPH, 105

Tyrrell PNM, 94 Tysk C, 1282 Tytgat GNJ, 338, 1151 (C), 1372, 1653

Unsworth DJ, 61 Urban A, 1648 Urdal P, 1464

Väänänen H, 1271 Vaira D, 309, 1033 Valentini RA, 771 van Berge Henegouwen GP, 733, 1326 Van Blankenstein M, 247, 1348 van de Velde CJH, A1681 van der Sluys Veer A, 841 van Deventer SJH, 338 van Dijk APM, 247 van Kroopenburgh MIPG, 1490 van der Sluys Veer A, 841
van Deventer SJH, 338
van Dijk APM, 247
van Kroonenburgh MJPG, 1490
Van Kruiningen H, 1670
Van Kruiningen HJ, 1316
van Lieshout LMC, 658
Vander Velpen GC, 1617
Vanderkerken K, 1509 (LA)
Vandermeeren A, 122
Vanoli M, 714 (C)
Varga L, 270, 896
Vargas JA, 955
Vasen HFA, 1262
Verdu E, 455
Vergura M, 309
Verhoef J, 1608
Verma M, 1613
Viani F, 455
Videla S, 1090
Viedma JA, 822
Vigneri S, 1151 (C)
Vilascea J, 1090
Vilgrain V, 705
Vincent P, 313, 1153 (C)
Vincent RM, 1363
Visser W, 1004
Vissuzaine C, 905
Vogelsang H, 1424
Vogl R, 1026
von der Ohe MR, 536
Votte A, 1433
Vullo C, 1487
Vyas SK, A721

Wagner S, 1176
Wahed MA, 1707
Wainstein A, 101
Waldherr R, 717 (C), 1102
Waldum HL, 1547
Walia BNS, 1613
Walker JIH, 683
Walker JIH, 683
Walker Smith JA, 1687 (LA)
Wallace L, A719
Wallis PJW, 1551
Walmsley RS, 1590
Walters JRF, 150 (LA)
Wang J, 1536
Wanless IR, 260
Ward R, 1102
Warmerdam P, 841
Warnes TW, 542
Warren BF, 1668
Washington K, 879
Wastell C, 604, A1682
Watanabe M, 1259
Watanapa P, 140 (C)
Waterworth PD, 1137
Watson AJM, 1575
Watson D, 1644
Watson RGP, 769
Watson SA, A1680
Watson SA, A1680
Watson W, A575
Watson SA, A1680
Watson W, A575
Watson SA, A1680

Wears R, 1551
Weaver RJ, 599
Webb P, 716 (C)
Webster AD, 1244
Weidenbach H, 1501
Weir DG, 1599
Weisgerber UM, 717 (C)
Weitzberg E, 1543
Welch NT, A1681
Weldon MJ, 867 (LA)
Welton M, 1001
Wendon J, 569, A721
Werbin N, 373
Westaby D, 1287, 1322
Westabe L, 1294
Weston J, 1244
White P, 127
Whitelaw SC, 141 (C)
Whittaker M, A574
Widdison AL, 547, 1306
Widmer R, 27
Wiedenmann B, 471
Wilander E, 1413
Wilkins WE, 562
Wilkinson KH, 1070, 1419
Wilkinson KH, 1070, 1419
Wilkinson SP, 1172
Williams GV, 1294
Williams GV, 1267
Williams GT, 247, 353, 363, 1697
Williams GV, 1267
Williams R, 569, A720, A721, 849, 982, 1322
Williams NS, 73
Williams NS, 73
Williams R, 569, A720, A721, 849, 982, 1322
Williams NS, 71
Williams R, 569, A720, A721, 849, 982, 1322
Williams NS, 71
Williams R, 569, A720, A721, 849, 982, 1322
Williams ROM, 140 (C), A576, 1718, 1742
Williams R CA, 1022

Williamson KCN, 140 (to 1742 Willing J, 159 Wilson C, 1311 Wilson CA, 1022 Wilson CG, 1363 Wilson JHP, 247, 1004 Wilson JS, 1474 Wilson MS, 717 (C) Winslet MC, 236, A1680 Winwood PJ, 1145 Wisse E, 1509 (LA) Wiste JA, 1064 Wocial T, 1624 Wolfare B, 819 Wolfhagen MiHM, 1608 Wölfer B, 819 Wolfhagen MJHM, 1608 Wolschies E, 1670 Wood MJ, 1151 (C) Wu JCY, 1219 Wylie JDC, 769

Yabu M, 1571 Yamamoto Y, 715 (C) Yamanaka Y, 1468 Yang C-C, 746 Yasunaga Y, 1571 Yazigi N, 905 Yeaman SID, 590 Yeomans ND, 590 Yokoyama Y, 715 (C) Yoshida EM, 280 Young G, 791, 969 Youngs D, 236 Yukawa M, 1258

Zaballa M, 687 Zaman SN, A720 Zeijen RNM, 1490 Zelig MP, 950 Zibella A, 779 Ziegler K, 471 Zijlstra FJ, 247 Zimmer T, 471 Zinsmer AR, 619, 798

Gut 1994; 35: 1781-1795 1781

SUBJECT INDEX - MAIN HEADINGS, 1994

Abdominal pain, Chronic, non-visceral abdominal pain, 833

Aboral traction forces, Human small intestinal contractions and aboral traction forces during fasting and after feeding, 625

Absorption, Absorption of a hypotonic oral rehydration solution in a human model of cholera, 211

Acetaldehyde, In vitro acetaldehyde formation by human colonic bacteria, 1271

Achalasia

Antecedents of achalasia: personal viewpoint, 861

Forceful dilatation under endoscopic control in the treatment of achalasia: a randomised trial of pneumatic versus metallic dilator, 1361

Achlorhydria, Magnesium hydrogen breath test using end expiratory sampling to assess achlorhydria in pernicious anaemia patients, 1205

Acidification, Effects of intraluminal acidification on oesophageal motor activity, 884

Acupuncture, Acupuncture inhibits vagal gastric acid secretion stimulated by sham feeding in healthy subjects, 1026

Acute fatty liver of pregnancy, Acute fatty liver of pregnancy: a clinical

study of 12 episodes in ll patients, 101
Acute phase reaction, Hepatocyte and immune system: acute phase reaction as a contribution to early defence mechanisms: leading article, 1163

Acute phase response, Extent of the acute phase response in fulminant hepatic failure, 982

Adenocarcinoma, Adenocarcinoma arising in Barrett's oesophagus: evidence for the participation of p53 dysfunction in the dysplasia/ carcinoma sequence, 764

Adenomatous polyps and carcinomas, Patients with adenomatous polyps and carcinomas have increased colonic mucosal prostaglandin E₂, 675

Adenovirus 12 E1A gene, Adenovirus 12 E1A gene detection by polymerase chain reaction in both the normal and coeliac duodenum, 1226

Adherent mucus gel, Thickness of adherent mucus gel on colonic mucosa in humans and its relevance to colitis, 353

Adrenaline, Endoscopic injection therapy for bleeding peptic ulcer; a comparison of adrenaline alone with adrenaline plus ethanolamine oleate, 608

Alcohol

Alcohol v epinephrine and polidocanol: correspondence, 286

In vitro acetaldehyde formation by human colonic bacteria, 1271

Lipid peroxidation in rats chronically fed ethanol, 1644

Monitoring oxidative damage in patients with liver cirrhosis and different daily alcohol intake, 1637

Resistance of erythrocytes to lipid peroxidation in alcoholic patients, 1753

Smoking, alcohol, and analgesics in dyspepsia and among dyspepsia subgroups, 619

Alcoholic acute and chronic pancreatitis

Chronic ethanol consumption increases the fragility of rat pancreatic zymogen granules, 1474

Dopamine in models of alcoholic acute pancreatitis, 547

Progression of alcoholic acute to chronic pancreatitis, 552

Alcoholic liver disease, Functional hyposplenism in alcoholic liver disease, 679

Aldehyde disinfectants, Aldehyde disinfectants and health in endoscopy units: correspondence, 717

Alimentary tract, Distribution of the carbonic anhydrase isoenzymes I, II, and VI in the human alimentary tract, 646

Aluminium, Intestinal perfusion of dietary levels of aluminium: association with the mucosa, 1053

Ambulatory pH metry, Prospective evaluation of 24 hour ambulatory pH metry in Belsey Mark IV antireflux surgery, 1529

Ambulatory pH and pressure monitoring, Oesophageal motility and gastro-oesophageal reflux before and after healing of reflux oesophagitis. A study using 24 hour ambulatory pH and pressure monitoring, 1519

Amino acid, Comparison of amino acid v peptide based enteral diets in active Crohn's disease: clinical and nutritional outcome, 783

Aminosalicylic acid, Oral 4-aminosalicylic acid versus 5-aminosalicylic acid slow release tablets. Double blind, controlled pilot study in the maintenance treatment of Crohn's ileocolitis, 1081

5-Aminosalicylic acid

Mesalazine induced interstitial nephritis, 1493

New salicylates as maintenance treatment in ulcerative colitis: leading

Oroileal transit of 5-aminosalicylic acid: correspondence, 287

Amoebiasis, Diagnosis of invasive amoebiasis - time to end the morphology era: leading article, 1018

Amyloid, Impact of familial amyloid associated polyneuropathy on duodenal endocrine cells, 1413

Amyloidosis

Malabsorption and motor dysfunction in patients with small bowel amyloidosis: correspondence, 864

Primary amyloidosis and severe intrahepatic cholestatic jaundice, 1322

Anaesthesia, Safety of general anaesthesia and surgery in acute hepatic porphyria, 1112

Anal sphincter

Anal sphincter physiology: correspondence, 1329

Progressive systemic sclerosis of the internal anal sphincter leading to passive faecal incontinence, 857

Analgesics, Smoking, alcohol, and analgesics in dyspepsia and among dyspepsia subgroups, 619

Androgen receptor expression, Measurement of androgen receptor expression in adult liver, fetal liver, and Hep-G2 cells by the polymerase chain reaction, 683

Aneuploidy, Dysplasia and aneuploidy as markers of malignant degeneration in Barrett's oesophagus, 1348

Anorectal carcinoma, Lower gastrointestinal malignancy in Crohn's disease, 347

Antacid, Antacid provides better restoration of glandular structures within the gastric ulcer scar than omeprazole, 896

Anti-goblet cell antibody, Enzyme linked immunosorbent assay (ELISA) and immunoprecipitation studies on anti-goblet cell antibody using a mucin producing cell line in patients with inflammatory bowel disease, 224

Anti-tuberculous chemotherapy, Controlled trial of anti-tuberculous chemotherapy for two years in Crohn's disease, 363

Antibiotics, Prevention of biliary stent occlusion using cyclical antibiotics and ursodeoxycholic acid, 1757

Antibodies, Intestinal antibody pattern of coeliac disease, 476

Anticardiolipin antibodies, Budd-Chiari syndrome in a young patient with anticardiolipin antibodies, 1004

Anticoagulants, Acute gastrointestinal haemorrhage in anticoagulated patients, 464

Antimitochondrial antibody, Antimitochondrial antibody negative primary biliary cirrhosis: a distinct syndrome of autoimmune cholangitis, 260

Antiulcerogenic stable radical, A novel antiulcerogenic stable radical prevents gastric mucosal lesions in rats, 1181

Antral gastritis, Cytokine gene expression in Helicobacter pylori associated antral gastritis, 1567

Antral mucosa, Gastrin and somatostatin in Helicobacter pylori infected antral mucosa, 615

Antral mucosal reactive oxygen metabolite, Helicobacter pylori stimulates antral mucosal reactive oxygen metabolite production in vivo, 170

Antropyloroduodenal motility, Postprandial antropyloroduodenal motility and gastric emptying in gastroparesis - effects of cisapride,

Argyrophil cell hyperplasia, Argyrophil cell hyperplasia and a carcinoid tumour in the stomach of a patient with sporadic Zollinger-Ellison syndrome, 275

Arteriovenous malformations, Systemic arteriovenous malformations: a feature of advanced liver disease, 1145

Ascorbic acid, Effect of Helicobacter pylori and its eradication on gastric juice ascorbic acid, 317

Aspirin

Mucosal adaptation to aspirin induced gastric damage in humans. Studies on blood flow, gastric mucosal growth, and neutrophil activation, 1197

Role of gastric blood flow, neutrophil infiltration, and mucosal cell proliferation in gastric adaptation to aspirin in the rat, 1189

Atenolol, Beta-adrenergic modulation of human upper intestinal propulsive forces, 1356

An audit of the treatment of cancer of the oesophagus, 941

Diagnostic yield and management benefit of laparoscopy: a prospective audit, 1617

Multicentre audit of surgical management of acute necrotising pancreatitis, A574

Autoimmune cholangitis, Antimitochondrial antibody negative primary biliary cirrhosis: a distinct syndrome of autoimmune cholangitis, 260

Autoimmune liver disease, Hepatitis C virus in autoimmune liver disease in the UK: aetiological agent or artefact?, 542

Autoimmune thyroid disease, Coeliac disease and autoimmune thyroid disease, 844

Bacterial overgrowth, Duodenal bacterial overgrowth during treatment in outpatients with omeprazole, 23

Bacterial translocation, Bacterial translocation in cirrhotic rats. Its role in the development of spontaneous bacterial peritonitis, 1648

Barrett's oesophagus

24 Hour ambulatory oesophageal pH monitoring in uncomplicated Barrett's oesophagus, 1352

Adenocarcinoma arising in Barrett's oesophagus: evidence for the participation of p53 dysfunction in the dysplasia/carcinoma sequence, 764

Dysplasia and aneuploidy as markers of malignant degeneration in Barrett's oesophagus, 1348

Tissue culture of epithelium derived from Barrett's oesophagus,

Belsey Mark IV antireflux surgery, Prospective evaluation of 24 hour ambulatory pH metry in Belsey Mark IV antireflux surgery, 1529

Benign intracranial hypertension, Benign intracranial hypertension during prednisolone treatment for inflammatory bowel disease, 423: correspondence, 1677

Beta-adrenergic modulation, Beta-adrenergic modulation of human upper intestinal propulsive forces, 1356

Beta-lactam antibiotics, Intestinal absorption of peptide drugs: leading

Biasing, Selective affective biasing in recognition memory in the irritable bowel syndrome: correspondence, 285

Bicarbonate, Effect of ranitidine on basal and bicarbonate enhanced intragastric PCO2: a tonometric study, 737

Bile induced acute oedematous pancreatitis in rats: non-parallel changes in pancreatic morphology and amylase release in vitro, 1127 Role of bile in non-specific defence mechanisms of the gut, 104

Bile acid

Apparent selective bile acid malabsorption as a consequence of ileal exclusion: effects on bile acid, cholesterol, and lipoprotein metabolism, 1116

Bile acid malabsorption in Crohn's disease and indications for its assessment using SeHCAT, 90

Bile duct

Bile duct injury after laparoscopic cholecystectomy: correspondence,

Combined percutaneous and endoscopic procedures for bile duct obstruction: leading article, 1011

Prospective audit of the introduction of laparoscopic cholecystectomy in the west of Scotland, 1121

Symptom relief and quality of life after stenting for malignant bile duct obstruction, 467

Bile duct stones, Endoscopic sphincteroplasty: a novel and safe alternative to papillotomy in the management of bile duct stones, 127: correspondence, 1010

Bile salt

Cost effectiveness of adjuvant bile salt treatment in extracorporeal shock wave lithotripsy for the treatment of gall bladder stones, 1294

Duodenal bile examination in identifying potential non-responders to bile salt treatment and its comparison with gall bladder bile examination, 112

Biliary cholesterol stability, High resolution 'H NMR to study biliary cholesterol stability, A719

Biliary epithelial cells, Isolation and culture of biliary epithelial cells: leading article, 875

Biliary obstruction

Biliary obstruction resulting from Strongyloides stercoralis infection, 705

Diagnostic pitfall; interpretation of CA 19-9 concentrations in the presence of hepatic dysfunction, 707

Biliary stent occlusion, Prevention of biliary stent occlusion using cyclical antibiotics and ursodeoxycholic acid, 1757

Biopsy, Observer variation and discriminatory value of biopsy features in inflammatory bowel disease, 961

Blood donors, Prevalence of peptic ulcer in Helicobacter pylori positive blood donors, 309

Bone mineral density, Bone mineral density in coeliac disease: leading article, 150

Book reviews

Baillie J. Gastrointestinal endoscopy - basic principles and practice,

Bieck PR. Colonic drug absorption and metabolism, 432

Boucher IAD, Allan RN, Hodgson HJF, Keighley MRB, editors. Gastroenterology. Clinical science and practice, 1993, 1678

Brody T. Nutritional biochemistry, 1774

Cotton PB, Tytgat GNJ, Williams CB. Annual gastrointestinal endoscopy, 573

Craddock VM. Cancer of the esophagus: approaches to etiology, 430 Cuesta MA, Nagy A, editors. Minimally invasive surgery in gastrointestinal cancer, 1993, 1679
Go VLW, DiMagno EP, Gardner JD, Leventhal E, Reber HA,

Scheele GA. The pancreas: biology, pathobiology and disease, 2nd edition, 431

Gracey M, Bouchier IAD. Ballière's clinical gastroenterology. Volume 7: 2 June 1993. Infectious diarrhoea, 573

Gracey M, Burke V, editors. Paediatric gastroenterology and hepatology, 1993, 1506

Grant DR, Wood RFM. Small bowel transplantation, 1994, 1677

Heatley RV, Green JH, Losowsky MS, editors. Consensus in clinical nutrition, 1775

Klatskin G, Conn HO. Histopathology of the liver - volume I and II, 1993, **1330**

Kumar D, Alexander-Williams J, editors. Crohn's disease and ulcerative colitis surgical management, 1993, 1330

Kumar D, Wingate D, editors. An illustrated guide to gastrointestinal motility, second edition, 1993, 1677

Lemoine N, Neoptolemos J, Cooke T, editors. Cancer: a molecular approach, 1775

Margulis AR, Burhenne HJ, editors. Practical alimentary tract radiology, 431

Misiewicz JJ, Forbes A, Price AB, Shorvon PJ, Triger DR, Tytgate GNJ, editors. Atlas of clinical gastroenterology, 2nd ed., 1775

Misiewicz JJ, Pounder RE, Venables CW, editors. Diseases of the gut and pancreas, 2nd ed., 1154

Neuberger J, Lucey MR, editors. Liver transplantation: practice and management, 1994, 1329

Nicholls J, Bartolo D, Mortensen N, editors. Restorative proctocolectomy, 1993, 1329

Rustgi V, Van Thiel DH, editors. The liver in systemic disease, 432 Spiro HM. Clinical gastroenterology, 4th edition, 431

Tavoloni N, Berk PD, editors. Hepatic transport and bile secretion: physiology and pathophysiology, 430

Van Ness MM, Chobanian SM, editors. Manual of clinical problems in

gastroenterology, 2nd ed, 1010 Walker-Smith JA, Macdonald TT, editors. Chronic inflammatory bowel disease in childhood, 1994, 1678

Wallace JL, editor. Handbook of immunopharmacology of the gastrointestinal system, 866

Walsh JH, Dockray GJ. Gut peptides: biochemistry and physiology,

Wolfe MM, editor. Gastrointestinal pharmacotherapy, 573

Zuckerman AJ, Thomas HC. Viral hepatitis, scientific basis and clinical management, 1993, 1679

Botulinum toxin, Intrasphincteric injection of botulinum toxin for suspected sphincter of Oddi dysfunction, 1319

Bowel diversion, Bowel diversion should be used with caution in stenosing anal Crohn's disease, 1139

Bowel dysfunction, Bowel dysfunction in young women: correspondence,

British Society of Gastroenterology, 1993-94, Monty Losowsky, 283 British Society of Gastroenterology, Presidential review of the year's activity 1992-93, 139

Bromodeoxvuridine

Correlation of PCNA with bromodeoxyuridine: correspondence,

Proliferating cell nuclear antigen (PCNA): a new marker to study human colonic cell proliferation, 530

Budd-Chiari syndrome, Budd-Chiari syndrome in a young patient with anticardiolipin antibodies, 1004

Budesonide (CIR), Eosinophilic enterocolitis diagnosed by means of technetium-99m albumin scintigraphy and treated with budesonide (CIR), 1490

Budesonide prodrug, A budesonide prodrug accelerates treatment of colitis in rats, 1439

Bulking effect, Digestibility and bulking effect of ispaghula husks in healthy humans, 1747

Butyrate, Butyrate oxidation is impaired in the colonic mucosa of sufferers of quiescent ulcerative colitis, 73

c-erbB2, Comparison of the molecular genetics of stomach cancers in Britain and Japan: c-erbB2 and p53, A1680

C-reactive protein

Interrelations between interleukin-6, interleukin-1ß, plasma C-reactive protein values, and in vitro C-reactive protein generation in patients with inflammatory bowel disease, 77: correspondence, 714 Why measure C reactive protein: leading article, 5

CA 19-9 concentrations, Diagnostic pitfall; interpretation of CA 19-9 concentrations in the presence of hepatic dysfunction, 707

Caco-2 cell line, Lactobacillus acidophilus LA 1 binds to cultured human intestinal cell lines and inhibits cell attachment and cell invasion by enterovirulent bacteria, 483

Calcipotriol

Calcipotriol inhibits rectal epithelial cell proliferation in ulcerative proctocolitis, 1718

Divergent effects of epidermal growth factor and calcipotriol on human rectal cell proliferation, 1742

CAM 5.2, Effect on lymph node status of triple levelling and immunohistochemistry with CAM 5.2 on node negative colorectal carcinomas, 1447

Cancer risk

Cancer in Crohn's disease: dispelling the myths: leading article, 1507 Cancer risk in patients treated surgically for duodenal ulcer: correspondence, 1675

Cap polyposis, Cap polyposis occurring in the postoperative course of pelvic surgery, 1670

Capsule versus tablet formulations, Impaired oesophageal transit of capsule versus tablet formulations in the elderly, 1363

Carbachol, Effects of *Helicobacter pylori* on histamine and carbachol stimulated acid secretion by human parietal cells, 755

Carbohydrate 19.9 antigen, Serum increase and liver overexpression of carbohydrate 19.9 antigen in patients with genetic haemochromatosis, 1107

Carbohydrates, Superior mesenteric artery blood flow and gastric emptying in humans and the differential effects of high fat and high carbohydrate meals, 186

Carbon labelled octanoic acid breath test, Pharmacological modulation of gastric emptying rate of solids as measured by the carbon labelled octanoic acid breath test: influence of erythromycin and propantheline, 333: correction, 866

Carbonic anhydrase isoenzymes, Distribution of the carbonic anhydrase isoenzymes I, II, and VI in the human alimentary tract, 646

Carcinoembryonic antigen

Cell adhesion molecules in oesophageal epithelium, 1343

Classification and localisation of carcinoembryonic antigen related antigen expression in normal oesophageal squamous mucosa and squamous carcinoma, 1022

Carcinoid tumour, Argyrophil cell hyperplasia and a carcinoid tumour in the stomach of a patient with sporadic Zollinger-Ellison syndrome, 275

Carcinoma, Ileitis after colectomy for ulcerative colitis or carcinoma,

Cavitation, Focused liver ablation by cavitation in the rabbit: a potential new method of extracorporeal treatment, 395

CD45RO molecule, Human colorectal tumour infiltrating lymphocytes express activation markers and the CD45RO molecule, showing a primed population of lymphocytes in the tumour area, 382, correction, 866

Cell adhesion molecules, Cell adhesion molecules in oesophageal epithelium, 1343

Chest pain, Temporal relationships between episodes of non-cardiac chest pain and abnormal oesophageal function, 733

Children, High prevalence of Helicobacter pylori infection in cohabiting children. Epidemiology of a cluster, with special emphasis on molecular typing, 313

China, Gastroenterology in China, 862

Chloride secretion, Relation between chloride secretion and intracellular cyclic adenosine monophosphate in a cloned human intestinal cell line HT-29 cl 19A, 631

Cholecystectomy

Bile duct injury after laparoscopic cholecystectomy: correspondence, 288

Symptoms and health status before and six weeks after open cholecystectomy: a European cohort study, 1301

Cholecystokinin

Effect of a low dose of intraduodenal fat on satiety in humans: studies using the type A cholecystokinin receptor antagonist loxiglumide, 501

Plasma gastric and CCK response after pylorus preserving pancreatoduodenectomy with Billroth II reconstruction and defunctioned Roux loop pancreaticojejunostomy, A576

Cholecystokinin type B receptor antagonist, Cholecystokinin type B receptor antagonist PD-136,450 is a partial secretory agonist in the stomach and a full agonist in the pancreas of the rat, 270

Cholera

Absorption of a hypotonic oral rehydration solution in a human model of cholera 211

Cholera and severe toxigenic diarrhoeas: leading article, 145

Cholera toxin, Relation between chloride secretion and intracellular cyclic adenosine monophosphate in a cloned human intestinal cell line HT-29 cl 19A, 631

Cholestero

Addition of dimethylsulphoxide to methyl-tert-butyl ether and ethyl propionate increases cholesterol dissolving capacity and cholesterol gall stone dissolution in vitro, 1653

Apparent selective bile acid malabsorption as a consequence of ileal exclusion: effects on bile acid, cholesterol, and lipoprotein metabolism, 1116

Cholesterol synthesis and high density lipoprotein uptake are regulated independently in rat small intestinal epithelium, 343

High resolution ¹H NMR to study biliary cholesterol stability, A719 Rapid cholesterol nucleation time and cholesterol gall stone formation after subtotal or total colectomy in humans, 1760

Cimetidine, Cimetidine inhibits in vivo growth of human colon cancer and reverses histamine stimulated in vitro and in vivo growth, 1632

Cirrhosis

Analysis of DNA repair in cirrhosis of different aetiologies, A722 Bacterial translocation in cirrhotic rats. Its role in the development of spontaneous bacterial peritonitis, 1648

Copper associated childhood cirrhosis, 1497

Monitoring oxidative damage in patients with liver cirrhosis and different daily alcohol intake, 1637

Portal and systemic haemodynamic action of *N*-acetylcysteine in patients with stable cirrhosis, **1290**

Cisapride, Postprandial antropyloroduodenal motility and gastric emptying in gastroparesis – effects of cisapride, 172

Clarithromycin, Eradication of Helicobacter pylori with clarithromycin and omeprazole, 323

Clinical training, Clinical training - back to the future: personal viewpoint, 1008

Clostridium difficile, Clinical significance of Clostridium difficile and its toxins in faeces of immunocompromised children, 1608

Coeliac disease

Adenovirus 12 E1A gene detection by polymerase chain reaction in both the normal and coeliac duodenum, 1226

Bone mineral density in coeliac disease: leading article, 150

Coeliac disease - associated disorders and survival, 1215

Coeliac disease and autoimmune thyroid disease, 844

Coeliac disease in the elderly, 65

Detection of interferon gamma mRNA in the mucosa of patients with coeliac disease by in situ hybridisation, 1037

Endomysium antibodies in coeliac disease: an improved method, 776 Immunohistochemical changes in the jejunum in first degree relatives of patients with coeliac disease and the coeliac disease marker DQ genes. HLA class II antigen expression, interleukin-2 receptor positive cells and dividing crypt cells, 55

Intestinal antibody pattern of coeliac disease, 476

Lewis phenotype, secretor status, and coeliac disease, 769

Localisation of vitamin D receptor in normal human duodenum and in patients with coeliac disease, 1219

Raised pro-inflammatory cytokines, interleukin 6 and tumour necrosis factor α in coeliac disease mucosa detected by immunohistochemistry, 1398

Serological screening of coeliac disease: choosing the optimal procedure according to various prevalence values, 771

Serological screening suggests that adult coeliac disease is underdiagnosed in the UK and increases the incidence by up to 12%, 61

Colectomy Ileitis afte

Ileitis after colectomy for ulcerative colitis or carcinoma, 373
Rapid cholesterol nucleation time and cholesterol gall stone for

Rapid cholesterol nucleation time and cholesterol gall stone formation after subtotal or total colectomy in humans, 1760

Colitis

A budesonide prodrug accelerates treatment of colitis in rats, 1439 Drug induced lymphocytic colitis, 426

Role of intestinal microflora in chronic inflammation and ulceration of the rat colon, 1090

Serum free medium increases expression of markers of differentiation in human colonic crypt cells, 791

The chically prodices and colisis due to enterphase and colisis due to enterphase

The shigella paradigm and colitis due to enterohaemorrhagic Escherichia coli: leading article, 872

Thickness of adherent mucus gel on colonic mucosa in humans and its relevance to colitis, 353

Colon, colonic

Butyrate oxidation is impaired in the colonic mucosa of sufferers of quiescent ulcerative colitis, 73

Cancer in Crohn's disease: dispelling the myths: leading article, 1507 Cancer surveillance in ulcerative colitis – a time for reappraisal: leading article, 587

Cimetidine inhibits in vivo growth of human colon cancer and reverses histamine stimulated in vitro and in vivo growth, 1632

Circulating immunoglobulin G1 antibody in patients with ulcerative colitis against the colonic epithelial protein detected by a novel monoclonal antibody, 1712

Colonic secretory effect in response to enteral feeding in humans, 1734 Colonoscopic surveillance in ulcerative colitis: correspondence, 429 Ileal and colonic epithelial metabolism in quiescent ulcerative colitis:

correspondence, 1152
Immunoelectron microscopic localisation of transforming growth

factor alpha in rat colon, 1086
In vitro acetaldehyde formation by human colonic bacteria, 1271

Increased group II phospholipase A, in colonic mucosa of patients with Crohn's disease and ulcerative colitis, 1593

Increased macrophage subset in inflammatory bowel disease: apparent recruitment from peripheral blood monocytes, 669

Left sided colon cancer: correspondence, 286

Location of superoxide anion in the human colonic mucosa: correspondence, 284

Lower gastrointestinal malignancy in Crohn's disease, 347

Methanogens outcompete sulphate reducing bacteria for H_2 in the human colon, 1098

Patients with adenomatous polyps and carcinomas have increased colonic mucosal prostaglandin E₂, 675

Proliferating cell nuclear antigen (PCNA): a new marker to study human colonic cell proliferation, 530

Secretion of urokinase and plasminogen activator inhibitor-1 by normal colonic epithelium in vitro, 969

Serum free medium increases expression of markers of differentiation in human colonic crypt cells, 791

Simplified method for the measurement of segmental colonic transit time, 976

Thickness of adherent mucus gel on colonic mucosa in humans and its relevance to colitis, 353

Colonoscopy, Utility of surveillance colonoscopy in ulcerative colitis: correspondence, 863

Colorectal adenoma, Comparative clinicopathological and immunohistochemical study of ras and p53 in flat and polypoid type colorectal tumours, 1258

Colorectal cancer (carcinoma)

Clinical heterogeneity of familial colorectal cancer and its influence on screening protocols, 1262

Clinicopathological characteristics of colorectal carcinoma complicating ulcerative colitis, 1419

Comparative clinicopathological and immunohistochemical study of ras and p53 in flat and polypoid type colorectal tumours, 1258

Comparison of gastrointestinal symptoms in colorectal carcinoma patients and community controls with respect to age, 1267

Crohn's disease and colorectal cancer, 651

Effect on lymph node status of triple levelling and immunohistochemistry with CAM 5.2 on node negative colorectal carcinomas, 1447

Human colorectal tumour infiltrating lymphocytes express activation markers and the CD45RO molecule, showing a primed population of lymphocytes in the tumour area, 382, correction, 866

Mutations of Ki-ras and p53 genes in colorectal cancer and their prognostic significance, 1627

Screening for hereditary bowel cancer in New Zealand, 1328

Similarity of colorectal cancer in Crohn's disease and ulcerative colitis,

The Nm23 gene and colorectal cancer: correspondence, 141 Ulcerative colitis and Crohn's disease: a comparison of the colorectal cancer risk in extensive colitis, 1590

Common bile duct

Imaging of the common bile duct in patients undergoing laparoscopic cholecystectomy, 991: correspondence, 1773

Management of common bile duct stricture caused by chronic pancreatitis with metal mesh self expandable stents, 122

Common bile duct stones, Common bile duct stones are mainly brown and associated with duodenal diverticula, 1464

Complexity, Complexity and the hepatitis viruses: personal viewpoint, 1770

Computed tomography, Comparison of computed tomography, endosonography, and intraoperative assessment in TN staging of gastric carcinoma: correspondence, 287

Constinuation

Discriminant value of psychological distress, symptom profiles, and segmental colonic dysfunction in outpatients with severe idiopathic constipation, 798

Evidence for the ambiguity of the term constipation: the role of irritable bowel syndrome, 1455

Copper, Copper associated childhood cirrhosis, 1497

Corrections, 866, 1154

Corticosteroids

'Conversion' from ulcerative colitis to Crohn's disease associated with corticosteroid treatment, 1141

Unusual pulmonary complication of ulcerative colitis with a rapid response to corticosteroids, 847

Crohn's colitis, Faecal diversion for Crohn's colitis, 236

Crohn's disease

Abnormal leukotriene C4 release by unaffected jejunal mucosa in patients with inactive Crohn's disease, 517

Association between Meckel's diverticulum and Crohn's disease: a retrospective review, 788

Bile acid malabsorption in Crohn's disease and indications for its assessment using SeHCAT, 90

Bowel diversion should be used with caution in stenosing anal Crohn's disease, 1139

Cancer in Crohn's disease: dispelling the myths: leading article, 1507

Comparison of amino acid v peptide based enteral diets in active Crohn's disease: clinical and nutritional outcome, 783

Controlled trial of anti-tuberculous chemotherapy for two years in Crohn's disease, 363

'Conversion' from ulcerative colitis to Crohn's disease associated with corticosteroid treatment, 1141

Correlations between clinical activity, endoscopic severity, and biological parameters in colonic or ileocolonic Crohn's disease, 231

Crohn's disease and colorectal cancer, 651

Crohn's disease and myasthenia gravis: a possible role for thymectomy, 278

Depressed T cell reactivity to recall antigens in Crohn's disease before and after surgical resection, 1728

Food intolerance and Crohn's disease: correspondence, 571

Frequency of glucocorticoid resistance and dependency in Crohn's disease, 360

Ileal and colonic fatty acid profiles in patients with active Crohn's disease, 1424

Incidence of inflammatory bowel disease in north west Greece: rarity of Crohn's disease in an area where ulcerative colitis is common, 369 Increased group II phospholipase A2 in colonic mucosa of patients with Crohn's disease and ulcerative colitis, 1593

Intestinal permeability in patients with Crohn's disease and ulcerative colitis and their first degree relatives, 68: correspondence, 1675

Lower gastrointestinal malignancy in Crohn's disease, 347

Mycobacteria in the human intestine: correspondence, 715

Non-fatal portal pyaemia complicating Crohn's disease of the terminal ileum, **560**

Pathogenesis of gall stones in Crohn's disease: an alternative explanation, 94: correspondence, 1676

Platelet activating factor and Crohn's disease: correspondence, 141

Similarity of colorectal cancer in Crohn's disease and ulcerative colitis,

Specific detection of Mycobacterium paratuberculosis DNA associated with granulomatous tissue in Crohn's disease, 506

Surgical resections in parous patients with distal ileal and colonic Crohn's disease, 220

Timing of ileocolonic resection for symptomatic Crohn's disease - the patient's view, 656

Ulcerative colitis and Crohn's disease: a comparison of the colorectal cancer risk in extensive colitis, 1590

Crohn's ileocolitis, Oral 4-aminosalicylic acid versus 5-aminosalicylic acid slow releas tablets. Double blind, controlled pilot study in the maintenance treatment of Crohn's ileocolitis, 1081

Crypt cells, Immunohistochemical changes in the jejunum in first degree relatives of patients with coeliac disease and the coeliac disease marker DQ genes. HLA class II antigen expression, interleukin-2 receptor positive cells and dividing crypt cells, 55

Cyclic adenosine monophosphate, Relation between chloride secretion and intracellular cyclic adenosine monophosphate in a cloned human intestinal cell line HT-29 cl 19A, 631

Cystic fibrosis, Spontaneous bacterial peritonitis in cystic fibrosis, 709 Cytochrome P450, Cytochrome P450 expression in oesophageal cancer, 599

Cytokines

Cytokine gene expression in Helicobacter pylori associated antral gastritis, 1567

Hepatocyte and immune system: acute phase reaction as a contribution to early defence mechanisms: leading article, 1163

Raised pro-inflammatory cytokines, interleukin 6 and tumour necrosis factor α in coeliac disease mucosa detected by immunohistochemistry, 1398

Systemic complications in acute pancreatitis are associated with increased monocyte cytokine release, A575

Defecation reflex, Effects of biofeedback on obstructive defecation reconditioning of the defecation reflex?, 252

Defence mechanisms, Role of bile in non-specific defence mechanisms of the gut, 1047

Desmoid tumours, Desmoid tumours in familial adenomatous polyposis, 377

Dexamethasone, Effects of endotoxin and dexamethasone on group I and II phospholipase A, in rat ileum and stomach, 40

Diarrhoea

Ambulatory small intestinal motility in diarrhoea predominant irritable bowel syndrome, 203

Cholera and severe toxigenic diarrhoeas: leading article, 145

Effect of dietary nucleotides on small intestinal repair after diarrhoea,

Lipid peroxidation and electrogenic ion transport in the jejunum of the vitamin E deficient rat, 34

Paediatric problems in tropical gastroenterology: leading article, 1687 Persisting diarrhoea and malabsorption: leading article, 582

Response of the human intestine to high volume infusion, 641 Salmonella typhi and other salmonellas: leading article, 726

Travellers' diarrhoea: leading article, 1

Diet, Effects of diet on experimentally induced intestinal ulcers in rats: morphology and tissue leukotrienes, 1058

Diet nucleotides, Effect of dietary nucleotides on small intestinal repair after diarrhoea, 926

Digestive surgery

Digestive surgery is a stillborn specialty in the United Kingdom: personal viewpoint, 1673

Training for digestive surgery: personal viewpoint, 1007

Dilators, Forceful dilatation under endoscopic control in the treatment of achalasia: a randomised trial of pneumatic versus metallic dilator, 1361

Dimethylsulphoxide, Addition of dimethylsulphoxide to methyl-tertbutyl ether and ethyl propionate increases cholesterol dissolving capacity and cholesterol gall stone dissolution in vitro, 1653

Disaccharidase deficiency, Morphological method for the diagnosis of human adult type hypolactasia, 1042

Distal colon, Diverting colostomy induces mucosal and muscular atrophy in rat distal colon, 1275

Distension, The knee-elbow position relieves distension: correspondence,

Diverticulum, Intraluminal duodenal diverticulum causing recurrent pancreatitis: treatment by endoscopic incision, 557

Diverting colostomy, Diverting colostomy induces mucosal and muscular atrophy in rat distal colon, 1275

DNA repair, Analysis of DNA repair in cirrhosis of different aetiologies, A722

Dopamine, Dopamine in models of alcoholic acute pancreatitis, 547 **Drugs**, Drug induced lymphocytic colitis, 426

Dukes's classification, Dukes's classification: a valid prognostic indicator for gastric cancer, 1368

Duodenal bile, Duodenal bile examination in identifying potential nonresponders to bile salt treatment and its comparison with gall bladder bile examination, 112

Duodenal diverticula, Common bile duct stones are mainly brown and associated with duodenal diverticula, 1464

Duodenal endocrine cells, Impact of familial amyloid associated polyneuropathy on duodenal endocrine cells, 1413

Duodenal juice, Duodenal bacterial overgrowth during treatment in outpatients with omeprazole, 23

Duodenal motor activity, Sleep and duodenal motor activity in patients with severe non-ulcer dyspepsia, 916

Duodenal ulcer

Death from malignant disease after surgery for duodenal ulcer, 451: correspondence, 1675

Distal biliary stricture as a complication of sclerosant injection for bleeding duodenal ulcer, 1665

Duodenal ulcer, Helicobacter pylori, and gastric secretion, 1033

Duodenal ulcer pain - the role of acid and inflammation: correspondence, 863

Enhanced gastric nitric oxide synthase activity in duodenal ulcer patients, 1394

Helicobacter pylori eradication, duodenal ulcer healing, and gastric secretory state: correspondence, 571

Interobserver variation in assessment of gastroduodenal lesions associated with non-steroidal anti-inflammatory drugs, 1030

Maintenance of intragastric pH 4 with famotidine in duodenal ulcer patients: factors influencing drug requirements, 750

One week's anti-Helicobacter pylori treatment for duodenal ulcer, 15 Dyspepsia

Abnormal intragastric distribution of food during gastric emptying in functional dyspepsia patients, 327

Database on dyspepsia, 191

Sleep and duodenal motor activity in patients with severe non-ulcer dyspepsia, 916

Smoking, alcohol, and analgesics in dyspepsia and among dyspepsia subgroups, 619

Dysphagia

Diminished oesophageal traction forces with swallowing in gastrooesophageal reflux disease and in functional dysphagia, 165

Palliation of malignant dysphagia by ethanol induced tumour necrosis, 299

Secondary oesophageal peristalsis in patients with non-obstructive dysphagia, 1523

Dysplasia, Dysplasia and aneuploidy as markers of malignant degeneration in Barrett's oesophagus, 1348

Dysplasia/carcinoma sequence, Adenocarcinoma arising in Barrett's oesophagus: evidence for the participation of p53 dysfunction in the dysplasia/carcinoma sequence, 764

E-cadherin, Cell adhesion molecules in oesophageal epithelium, 1343

Eastern Europe, Helicobacter pylori in eastern European countries: what is the current status?: leading article, 1683

Echinococcus, Echinococcus of the liver: leading article, 1517 Eggs, Salmonella typhi and other salmonellas: leading article, 726 Eicosanoids

Effect of nicotine on rectal mucus and mucosal eicosanoids, 247

Short term effects of indomethacin on rat small intestinal permeability. Role of eicosanoids and platelet activating factor, 490

Elderly

Coeliac disease in the elderly, 65

Comparison of gastrointestinal symptoms in colorectal carcinoma patients and community controls with respect to age, 1267

Impaired oesophageal transit of capsule versus tablet formulations in the elderly, 1363

Electrogenic ion transport, Lipid peroxidation and electrogenic ion transport in the jejunum of the vitamin E deficient rat, 34

Elemental diets, Comparison of amino acid v peptide based enteral diets in active Crohn's disease: clinical and nutritional outcome, 783

Endoanal ultrasonography, Fistulas in ano: endoanal ultrasonographic assessment assists decision making for surgery, 391

Endomysium antibodies, Endomysium antibodies in coeliac disease: an improved method, 776

Endoscopic gastritis, Histological assessment of the Sydney classification of endoscopic gastritis, 1172
 Endoscopic injection therapy, Endoscopic injection therapy for bleed-

Endoscopic injection therapy, Endoscopic injection therapy for bleeding peptic ulcer; a comparison of adrenaline alone with adrenaline plus ethanolamine oleate, 608

Endoscopic retrograde cholangiopancreatography

Oxygen saturation during endoscopic retrograde cholangiopancreatography: a comparison of two protocols of oxygen administration, 408

Towards safer endoscopic retrograde cholangiopancreatography (ERCP): correspondence, 284

Endoscopic retrograde cholopancreatography, Combined percutaneous and endoscopic procedures for bile duct obstruction: leading article, 1011

Endoscopic sphincteroplasty, Endoscopic sphincteroplasty: a novel and safe alternative to papillotomy in the management of bile duct stones, 127: correspondence, 1010

Endoscopy

Acute gastrointestinal haemorrhage in anticoagulated patients, 464 Appropriate use of upper gastrointestinal endoscopy – a prospective audit, 1209

Bleeding peptic ulcer – risk factors for rebleeding and sequential changes in endoscopic findings, 746

Endoscopic laser treatment of diffuse gastric antral vascular ectasia, 461 Gastrointestinal endoscopy in general practice: special report, 1342 Training for digestive surgery: personal viewpoint, 1007

Endoscopy units, Aldehyde disinfectants and health in endoscopy units: correspondence, 717

Endosonography, Comparison of computed tomography, endosonography, and intraoperative assessment in TN staging of gastric carcinoma: correspondence, 287

Endotoxin, Effects of endotoxin and dexamethasone on group I and II phospholipase A_2 in rat ileum and stomach, 40

Enlarged fold gastritis, Improved fold width and increased acid secretion after eradication of the organism in *Helicobacter pylori* associated enlarged fold gastritis, 1571

Entamoeba histolytica, Diagnosis of invasive amoebiasis – time to end the morphology era: leading article, 1018

Enteral feeding, Colonic secretory effect in response to enteral feeding in humans, 1734

Enteral nutrition, Enteral nutrition and the small intestine, 1765

Enteric nervous system, Role of the enteric nervous system in the maintained hypersecretion induced by enterotoxin STa in the nutritionally deprived intestine, 1237

Enteric protein loss, Enteric protein loss and intestinal permeability changes in children during acute shigellosis and after recovery: effect of zinc supplementation, 1707

Enterobius vermicularis infection, Enterobius vermicularis infection: leading article, 1159

Enterocytes

Enterocyte proliferation and intracellular bacteria in animals, 1483 Lactobacillus acidophilus LA 1 binds to cultured human intestinal cell lines and inhibits cell attachment and cell invasion by enterovirulent bacteria, 483

Enteroglucagon, Release of vasodilator, but not vasoconstrictor, neuropeptides and of enteroglucagon by intestinal ischaemia/reperfusion in the rat, 1701

Enterohaemorrhagic Escherichia coli, The shigella paradigm and colitis due to enterohaemorrhagic Escherichia coli: leading article, 872

Enteropathy, Studies on the enteropathy associated with primary hypogammaglobulinaemia, 1244

Enterotoxin STa, Role of the enteric nervous system in the maintained hypersecretion induced by enterotoxin STa in the nutritionally deprived intestine, 1237

Enzyme linked immunosorbent assay, Enzyme linked immunosorbent assay (ELISA) and immunoprecipitation studies on anti-goblet cell antibody using a mucin producing cell line in patients with inflammatory bowel disease, 224

Eosinophilic enterocolitis, Eosinophilic enterocolitis diagnosed by means of technetium-99m albumin scintigraphy and treated with budesonide (CIR), 1490

Epidermal growth factor

Divergent effects of epidermal growth factor and calcipotriol on human rectal cell proliferation, 1742

Expression of growth factors in precursor lesions to gastric carcinoma, A1680

Increased gastric juice epidermal growth factor after non-steroidal anti-inflammatory drug ingestion, 611

Epidermal growth factor receptor, Chronic pancreatitis is associated with increased concentrations of epidermal growth factor receptor, transforming growth factor α , and phospholipase Cy, 1468

Epinephrine, Alcohol v epinephrine and polidocanol: correspondence,

Epithelial cells, Epithelial cell lineages in developing, restoring, and transforming liver: evidence for the existence of a 'differentiation window': leading article, 294

Epithelium

Immunohistochemical localisation of intercellular adhesion molecule-1 in follicle associated epithelium of Peyer's patches, 46

Tissue culture of epithelium derived from Barrett's oesophagus,

Erythrocytes, Resistance of erythrocytes to lipid peroxidation in alcoholic patients, 1753

Erythromycin, Pharmacological modulation of gastric emptying rate of solids as measured by the carbon labelled octanoic acid breath test: influence of erythromycin and propantheline, 333: correction, 866

Escherichia coli

Adhesion of human enterotoxigenic Escherichia coli to human mucus secreting HT-29 cell subpopulations in culture, 1449

Routes of spread of pathogens into the pancreas in a feline model of acute pancreatitis, 1306

The shigella paradigm and colitis due to enterohaemorrhagic Escherichia coli: leading article, 872

Escherichia coli enterotoxins, Effect of Escherichia coli enterotoxins on macromolecular absorption, 1613

Ethanol

Chronic ethanol consumption increases the fragility of rat pancreatic zymogen granules, 1474

Enhancement of ethanol induced rectal mucosal hyper regeneration with age in F344 rats, 1102

In vitro acetaldehyde formation by human colonic bacteria, 1271

Lipid peroxidation in rats chronically fed ethanol, 1644

Ethanol induced tumour necrosis, Palliation of malignant dysphagia by ethanol induced tumour necrosis, 299

Ethanolamine oleate, Endoscopic injection therapy for bleeding peptic ulcer; a comparison of adrenaline alone with adrenaline plus ethanolamine oleate, 608

Ethyl propionate, Addition of dimethylsulphoxide to methyl-tert-butyl ether and ethyl propionate increases cholesterol dissolving capacity and cholesterol gall stone dissolution in vitro, 1653

Exocrine functional impairment, Comparison of pancreatic morphology and exocrine functional impairment in patients with chronic pancreatitis, 1132

Exocrine pancreatic insufficiency, Origin and development of exocrine pancreatic insufficiency in experimental renal failure, 401: correspondence, 1772

Expelled air measurements, Intragastric nitric oxide production in humans: measurements in expelled air, 1543

Extracorporeal lithotripsy

Gall stone pulverisation strategy in patients treated with extracorporeal lithotripsy and follow up results of maintenance treatment with ursodeoxycholic acid, 117

Pulverisation of calcified and non-calcified gall bladder stones: extracorporeal shock wave lithotripsy used alone, 417

Extracorporeal shock wave lithotripsy, Cost effectiveness of adjuvant bile salt treatment in extracorporeal shock wave lithotripsy for the treatment of gall bladder stones, 1294
Extracorporeal treatment, Focused liver ablation by cavitation in the

rabbit: a potential new method of extracorporeal treatment, 395

Extrahepatic biliary atresia, Serum hyaluronic acid in extrahepatic biliary atresia (EHBA) before portoenterostomy identifies patients who will require early liver transplantation, A719

Faecal diversion, Faecal diversion for Crohn's colitis, 236

Faecal incontinence, Progressive systemic sclerosis of the internal anal sphincter leading to passive faecal incontinence, 857

Familial adenomatous polyposis

Desmoid tumours in familial adenomatous polyposis, 377

Increased leukotriene B, release from ileal pouch mucosa in ulcerative colitis compared with familial adenomatous polyposis, 1429

Non-penetrance and late appearance of polyps in families with familial adenomatous polyposis: correspondence, 572

Phenotypic expression in familial adneomatous polyposis: partial prediction by mutation analysis, 1622

Rectal mucosal ornithine decarboxylase activity adenomatous polyposis after ileorectal anastomosis, 1624

Famotidine

Effect of famotidine on oesophageal sensitivity in gastro-oesophageal reflux disease, 447

Maintenance of intragastric pH 4 with famotidine in duodenal ulcer patients: factors influencing drug requirements, 750

Fasting, Human small intestinal contractions and aboral traction forces

during fasting and after feeding, 625

Fats, Superior mesenteric artery blood flow and gastric emptying in humans and the differential effects of high fat and high carbohydrate meals, 186

Fatty acids

Ileal and colonic fatty acid profiles in patients with active Crohn's disease, 1424

Inhibitory effect of polyunsaturated fatty acids on the growth of Helicobacter pylori: a possible explanation of the effect of diet on peptic ulceration, 1557

Interaction of Helicobacter pylori and its fatty acids with parietal cells and gastric H'/K'-ATPase, 1176

Fatty liver, Acute fatty liver of pregnancy: a clinical study of 12 episodes in 11 patients, 101

Fibrogenesis, Perisinusoidal lipocytes and fibrinogenesis: leading article, 1331

Fistulas in ano, Fistulas in ano: endoanal ultrasonographic assessment assists decision making for surgery, 391

Follicle associated epithelium, Immunohistochemical localisation of intercellular adhesion molecule-1 in follicle associated epithelium of Peyer's patches, 46

Food distribution, intragastric, Abnormal intragastric distribution of food during gastric emptying in functional dyspepsia patients, 327

Food intolerance, Food intolerance and Crohn's disease: correspondence,

Forceful dilatation, Forceful dilatation under endoscopic control in the treatment of achalasia: a randomised trial of pneumatic versus metallic dilator, 1361

Fucosylated retinol binding protein, Fucosylated retinol binding protein in hepatocellular carcinoma: a new diagnostic test, A720

Fulminant hepatic failure

Extent of the acute phase response in fulminant hepatic failure, 982 Fulminant hepatic failure resulting from coexistent Wilson's disease and hepatitis E, 849

Fulminant hepatic failure secondary to hydroxychloroquine, 569

Hepatocyte growth factor and plasminogen activation in fulminant hepatic failure, A720

L-mono-methyl-arginine in the treatment of hypotension resulting from fulminant hepatic failure, A721

Gall bladder

Adult rhabdomyosarcoma of the gall bladder, 854

Comparative studies of human intrahepatic biliary and gall bladder epithelial cells in vitro, A719

Duodenal bile examination in identifying potential non-responders to bile salt treatment and its comparison with gall bladder bile examination, 112

Non-adrenergic non-cholinergic inhibitory innervation shown by electrical field stimulation of isolated strips of human gall bladder muscle, 412

Gall bladder disease

Cigarette smoking and parity as risk factors for the development of symptomatic gall bladder disease in women: results of the Royal College of General Practitioners' oral contraception study, 107: correspondence, 1152, 1506

Prospective audit of the introduction of laparoscopic cholecystectomy in the west of Scotland, 1121

Gall bladder stone lithotripsy, Relief of heterogeneous symptoms after successful gall bladder stone lithotripsy and complete stone disappearance, 819

Gall bladder stones, Cost effectiveness of adjuvant bile salt treatment in extracorporeal shock wave lithotripsy for the treatment of gall bladder stones, 1294

Gall stones

Addition of dimethylsulphoxide to methyl-tert-butyl ether and ethyl propionate increases cholesterol dissolving capacity and cholesterol gall stone dissolution in vitro, 1653

Gall stone pulverisation strategy in patients treated with extra-corporeal lithotripsy and follow up results of maintenance treatment with ursodeoxycholic acid, 117

Gall stones and gall bladder motility: correspondence, 140

Pancreatic outflow obstruction as the critical event for human gall stone induced pancreatitis, 1501

Pathogenesis of gall stones in Crohn's disease: an alternative explanation, 94: correspondence, 1676

Percutaneous cholecystolithotomy: is gall stone recurrence inevitable?, 692

Pulverisation of calcified and non-calcified gall bladder stones: extracorporeal shock wave lithotripsy used alone, 417

Rapid cholesterol nucleation time and cholesterol gall stone formation after subtotal or total colectomy in humans, 1760

Gastric acid clearance, Primary peristalsis is the major acid clearance mechanism in reflux patients, 1536

Gastric acid secretion

Acupuncture inhibits vagal gastric acid secretion stimulated by sham feeding in healthy subjects, 1026

Helicobacter pylori eradication, duodenal ulcer healing, and gastric secretory state: correspondence, 571

Gastric antral vascular ectasia, Endoscopic laser treatment of diffuse gastric antral vascular ectasia, 461

Gastric biopsy, Polymerase chain reaction assay for the detection of Helicobacter pylori in gastric biopsy specimens, 905

Gastric blood flow

Mucosal adaptation to aspirin induced gastric damage in humans. Studies on blood flow, gastric mucosal growth, and neutrophil activation, 1197

Role of gastric blood flow, neutrophil infiltration, and mucosal cell proliferation in gastric adaptation to aspirin in the rat, 1189

Gastric cancer (carcinoma)

Can prescribing omeprazole delay the diagnosis of gastric malignancy? A1681

Comparison of computed tomography, endosonography, and intraoperative assessment in TN staging of gastric carcinoma: correspondence, 287

Comparison of the molecular genetics of stomach cancers in Britain and Japan: c-erbB2 and p53, A1680

'Curative' gastrectomy from gastric carcinoma – R1 versus R2, A1681 Dukes's classification: a valid prognostic indicator for gastric cancer, 1368

Expression of growth factors in precursor lesions to gastric carcinoma, À1680

Expression of p53 in early (T1) gastric carcinoma and precancerous adjacent mucosa, 1697

Expression of transforming growth factor alpha in experimental gastric carcinogenesis, 604

Gastric cancer and Helicobacter pylori infection, A1682

Gastric cancer risk after vagotomy, 946

Goseki histological grading of gastric cancer is an important predictor of outcome, 758

Helicobacter pylori and early gastric cancer, 1372

Helicobacter pylori infection: correspondence, 716

Laparoscopic assessment of resectability in gastric cancer, A1680

Gastric emptying

Abnormal intragastric distribution of food during gastric emptying in

functional dyspepsia patients, 327
Pharmacological modulation of gastric emptying rate of solids as measured by the carbon labelled octanoic acid breath test: influence of erythromycin and propantheline, 333: correction, 866

Postprandial antropyloroduodenal motility and gastric emptying in gastroparesis - effects of cisapride, 172

Superior mesenteric artery blood flow and gastric emptying in humans and the differential effects of high fat and high carbohydrate meals, 186

Gastric fundus, Resection of the gastric fundus in rats: correspondence, 140

Gastric juice

Effect of Helicobacter pylori and its eradication on gastric juice ascorbic acid, 317

Increased gastric juice epidermal growth factor after non-steroidal anti-inflammatory drug ingestion, 611

Gastric metaplasia, Acid and gastric metaplasia in the duodenum: correspondence, 1151

Gastric mucosa

A novel antiulcerogenic stable radical prevents gastric mucosal lesions in rats, 1181

Gastrin receptor localisation in normal and neoplastic gastric mucosa, A1680

Mucosal adaptation to aspirin induced gastric damage in humans. Studies on blood flow, gastric mucosal growth, and neutrophil activation, 1197

Pentoxifylline prevents indomethacin induced acute gastric mucosal damage in rats: role of tumour necrosis factor alpha, 909

Rebamipide, a novel antiulcer agent, attenuates Helicobacter pylori induced gastric mucosal cell injury associated with neutrophil derived oxidants, 1375

Gastric outlet obstruction, Gastric outlet obstruction as a presenting manifestation of systemic lupus erythematosus, 841

Gastric secretion, Duodenal ulcer, Helicobacter pylori, and gastric secretion, 1033

Gastric T lymphocyte, Gastric T lymphocyte responses to Helicobacter pylori in patients with H. pylori colonisation, 1379

Gastric ulcer

A novel antiulcerogenic stable radical prevents gastric mucosal lesions in rats, 1181

Effect of omeprazole and sucralfate on prepyloric gastric ulcer, 837

Gastric ulcer disease, Evidence for the essential role of Helicobacter pylori in gastric ulcer disease, 19

Gastric ulcer scar, Antacid provides better restoration of glandular structures within the gastric ulcer scar than omeprazole, 896

Gastrin, Gastrin and somatostatin in Helicobacter pylori infected antral mucosa, 615

Gastrin receptor antagonists, Cholecystokinin type B receptor antagonist PD-136,450 is a partial secretory agonist in the stomach and a full agonist in the pancreas of the rat, 270

Gastrin receptor localisation, Gastrin receptor localisation in normal and neoplastic gastric mucosa, A1680

Gastritis

Fall in the prevalence of chronic gastritis over 15 years: analysis of outpatient series in Finland from 1977, 1985, and 1992, 1167

Histological assessment of the Sydney classification of endoscopic gastritis, 1172

Gastro-oesophageal junction carcinoma, CT scanning and carcinoma of the gastro-oesophageal junction, A1681

Gastro-oesophageal reflux, Oesophageal motility and gastro-oesophageal reflux before and after healing of reflux oesophagitis. A study using 24 hour ambulatory pH and pressure monitoring, 1519 Gastro-oesophageal reflux disease

Diminished oesophageal traction forces with swallowing in gastrooesophageal reflux disease and in functional dysphagia, 165

Effect of famotidine on oesophageal sensitivity in gastro-oesophageal reflux disease, 447

Predictive factors of the long term outcome in gastro-oesophageal reflux disease: six year follow up of 107 patients, 8

Gastroduodenal lesions, Interobserver variation in assessment of gastroduodenal lesions associated with non-steroidal antiinflammatory drugs, 1030

Gastroenterological practice, Gastroenterological practice in Israel, 1149

Gastroenterology

Gastroenterology in China, 862

Present position of gastroenterology in the Netherlands, 1326

Specialist training in gastroenterology in the European Community: the case for European Boards, 135

Training for digestive surgery: personal viewpoint, 1007

Gastrointestinal endoscopy, Gastrointestinal endoscopy in general practice: special report, 1342

Gastrointestinal haemorrhage, Acute gastrointestinal haemorrhage in anticoagulated patients, 464

Gastrointestinal symptoms, Comparison of gastrointestinal symptoms in colorectal carcinoma patients and community controls with respect to age, 1267

Gastroparesis, Postprandial antropyloroduodenal motility and gastric emptying in gastroparesis - effects of cisapride, 172

Genetics, Genetics of inflammatory bowel disease, 696

Giardia lamblia, Phenotypic and genotypic variation in Giardia lamblia isolates during chronic infection, 51

Glucocorticoid resistance, Frequency of glucocorticoid resistance and dependency in Crohn's disease, 360

Glutamate transport, Synaptosoma! glutamate transport thioacetamide induced hepatic encephalopathy in rats, A719

Glutathione S-transferases, Expression of glutathione S-transferases in normal and malignant pancreas: an immunohistochemical study, 266

Gluten enriched diet, Effects of gluten enriched diet on the small intestinal mucosa of normal mice and mice with graft versus host reaction, 779

Goseki histological grading, Goseki histological grading of gastric cancer is an important predictor of outcome, 758

Granulocyte scintigraphy, Value of granulocyte scintigraphy in inflammatory bowel disease: correspondence, 1676

Granulomatous skin lesions, Primary biliary cirrhosis presenting with granulomatous skin lesions, 564

Granulomatous tissue, Specific detection of Mycobacterium paratuberculosis DNA associated with granulomatous tissue in Crohn's disease, 506

Guanylyl cyclases, Distribution of membrane bound guanylyl cyclases in human intestine, 1250

H'/K'+-ATPase, Interaction of Helicobacter pylori and its fatty acids with parietal cells and gastric H'/K'-ATPase, 1176

H₂, Methanogens outcompete sulphate reducing bacteria for H₂ in the human colon, 1098

1H NMR, High resolution 'H NMR to study biliary cholesterol stability, A719

Haematoma, Intramural haematoma of the oesophagus complicating

sclerotherapy for varices, 130
Haemochromatosis, Serum increase and liver overexpression of carbohydrate 19.9 antigen in patients with genetic haemochromatosis,

Haemoperitoneum, Avulsion of short gastric arteries caused by vomiting, 1137

Haemorrhage

Distal biliary stricture as a complication of sclerosant injection for bleeding duodenal ulcer, 1665

Thrombin - an effective treatment for gastric variceal haemorrhage, 1287

Helicobacter pylori

Acid and gastric metaplasia in the duodenum: correspondence, 1151 Cytokine gene expression in Helicobacter pylori associated antral gastritis, 1567

Duodenal ulcer, Helicobacter pylori, and gastric secretion, 1033

Effect of Helicobacter pylori and its eradication on gastric juice ascorbic acid, 317

Effects of *Helicobacter pylori* on histamine and carbachol stimulated acid secretion by human parietal cells, 755

Enhanced gastric nitric oxide synthase activity in duodenal ulcer patients, 1394

Eradication of *Helicobacter pylori* with clarithromycin and omeprazole, 323 7

Evidence for the essential role of *Helicobacter pylori* in gastric ulcer disease, 19

Fall in the prevalence of chronic gastritis over 15 years: analysis of outpatient series in Finland from 1977, 1985, and 1992, 1167

Gastric cancer and Helicobacter pylori infection, A1682

Gastric T lymphocyte responses to Helicobacter pylori in patients with H. pylori colonisation, 1379

Gastrin and somatostatin in Helicobacter pylori infected antral mucosa, 615

Healing of protein losing hypertrophic gastropathy by eradication of Helicobacter pylori – Is Helicobacter pylori a pathogenic factor in Ménétrier's disease?, 701

Helicobacter pylori and early gastric cancer, 1372

Helicobacter pylori in eastern European countries: what is the current status?: leading article, 1683

Helicobacter pylori eradication, duodenal ulcer healing, and gastric secretory state: correspondence, 571

Helicobacter pylori infection: correspondence, 716

Helicobacter pylori stimulates antral mucosal reactive oxygen metabolite production in vivo, 170

High prevalence of *Helicobacter pylori* infection in cohabiting children. Epidemiology of a cluster, with special emphasis on molecular typing, 313

High prevalence of *Helicobacter pylori* metronidazole resistance in migrants to east London: relation with previous nitroimidazole exposure and gastroduodenal disease, 1562

Importance of childhood socioeconomic status on the current prevalence of *Helicobacter pylori* infection, **742**

Improved fold width and increased acid secretion after eradication of the organism in *Helicobacter pylori* associated enlarged fold gastritis, 1571

Inhibitory effect of polyunsaturated fatty acids on the growth of *Helicobacter pylori*: a possible explanation of the effect of diet on peptic ulceration, 1557

Interaction of *Helicobacter pylori* and its fatty acids with parietal cells and gastric H*/K*-ATPase, 1176

Low prevalence of *Helicobacter pylori* in inflammatory bowel disease: association with sulphasalazine, 1385

One week's anti-Helicobacter pylori treatment for duodenal ulcer, 15 Polymerase chain reaction assay for the detection of Helicobacter pylori in gastric biopsy specimens, 905

Prevalence of peptic ulcer in *Helicobacter pylori* positive blood donors, 309

Rebamipide, a novel antiulcer agent, attenuates *Helicobacter pylori* induced gastric mucosal cell injury associated with neutrophil derived oxidants, 1375

Risk factors for Helicobacter pylori: correspondence, 1153

The urea breath test for Helicobacter pylori: leading article, 723

Hepatic encephalopathy, Synaptosomal glutamate transport in thioacetamide induced hepatic encephalopathy in rats, A719

Hepatic porphyria, Safety of general anaesthesia and surgery in acute hepatic porphyria, 1112

Hepatitis B, Expression of HBV polymerase in HBV related hepatocellular carcinoma, A720

Hepatitis B virus, Host immune response and variations in the virus genome: pathogenesis of liver damage caused by hepatitis B virus: leading article, 1013

Hepatitis C, Hepatitis C in children: role of serology in diagnosis, A719 Hepatitis C genotypes, Hepatitis C genotypes and viral load, A721

Hepatitis C infection, High prevalence of histological abnormality in asymptomatic hepatitis C infection with persistently normal liver enzymes, A719

Hepatitis C virus, Hepatitis C virus in autoimmune liver disease in the UK: aetiological agent or artefact?, 542

Hepatitis C virus infection, Chronic hepatitis C virus infections: predictive value of genotype and level of viraemia on disease progression and response to interferon alpha, A720

Hepatitis E, Fulminant hepatic failure resulting from coexistent Wilson's disease and hepatitis E, 849

Hepatitis viruses, Complexity and the hepatitis viruses: personal viewpoint, 1770

Hepatocellular carcinoma

Expression of HBV polymerase in HBV related hepatocellular carcinoma, A720

Expression of mutant p53 protein in hepatocellular carcinoma, 98 Fucosylated retinol binding protein in hepatocellular carcinoma: a new diagnostic test, A720

Hepatocellular carcinoma in primary biliary cirrhosis, A721
Measurement of androgen receptor expression in adult liver, fetal liver, and Hep-G2 cells by the polymerase chain reaction, 688
Viruses and hepatocellular carcinoma, 828

Hepatocyte growth factor, Hepatocyte growth factor and plasminogen activation in fulminant hepatic failure, A720

Hepatocyte growth factor mRNA transcripts, Differential effect of transforming growth factor beta on expression of 6.3 and 1.5 Kb hepatocyte growth factor mRNA transcripts in MRC-5 cells, A720

Hepatocytes

Hepatocyte and immune system: acute phase reaction as a contribution to early defence mechanisms: leading article, 1163

Hepatocyte-matrix interactions: leading article, 729

Isolated hepatocytes: use in experimental and clinical hepatology: leading article, 433

Hepatoma

Chemotherapy v symptomatic treatment for hepatoma: correspondence, 865

Intra-arterial lipiodol targeted treatments for unresectable hepatoma, A721

High carbohydrate meals, Superior mesenteric artery blood flow and gastric emptying in humans and the differential effects of high fat and high carbohydrate meals, 186

High density lipoprotein, Cholesterol synthesis and high density lipoprotein uptake are regulated independently in rat small intestinal epithelium, 343

High fat meals, Superior mesenteric artery blood flow and gastric emptying in humans and the differential effects of high fat and high carbohydrate meals, 186

Hirschsprung's disease, Nerve growth factor receptor immunostaining suggests an extrinsic origin for hypertrophic nerves in Hirschsprung's disease, 1605

Histamine

Cimetidine inhibits in vivo growth of human colon cancer and reverses histamine stimulated in vitro and in vivo growth, 1632

Effects of *Helicobacter pylori* on histamine and carbachol stimulated acid secretion by human parietal cells, 755

Histamine H, receptor antagonist, Evaluation of the trophic effect of longterm treatment with the histamine H, receptor antagonist loxtidine on rat oxyntic mucosa by differential counting of dispersed cells, 1547

HIV1 infection, Is there IgA of gut mucosal origin in the serum of HIV1 infected patients?, 803

HLA, Immunohistochemical changes in the jejunum in first degree relatives of patients with coeliac disease and the coeliac disease marker DQ genes. HLA class II antigen expression, interleukin-2 receptor positive cells and dividing crypt cells, 55

HT-29 cell subpopulations, Adhesion of human enterotoxigenic Escherichia coli to human mucus secreting HT-29 cell subpopulations in culture, 1449

HT-29 cl 19A cell line, Relation between chloride secretion and intracellular cyclic adenosine monophosphate in a cloned human intestinal cell line HT-29 cl 19A, 631

HT-29 intestinal cell line, Characterisation of oxidative injury to an intestinal cell line (HT-29) by hydrogen peroxide, 1575

HT 29/19A cells, Polarised interleukin 8 secretion by HT 29/19A cells, 338

Human pancreas specific protein, Human pancreas specific protein (HPASP): an early marker of severity in acute pancreatitis? A574

Hyaluronic acid, Serum hyaluronic acid in extrahepatic biliary atresia (EHBA) before portoenterostomy identifies patients who will require early liver transplantation, A719

Hydatid disease, Rim calcification in primary liver cell carcinoma mimicking hydatid disease, 567

Hydrogen peroxide, Characterisation of oxidative injury to an intestinal cell line (HT-29) by hydrogen peroxide, 1575

Hydroxychloroquine, Fulminant hepatic failure secondary to hydroxychloroquine, 569

5-Hydroxytryptamine

5-Hydroxytryptamine and human small intestinal motility: effect of inhibiting 5-hydroxytryptamine reuptake, 496

Failure of tropisetron to inhibit jejunal water and electrolyte secretion induced by 5-hydroxytryptamine in healthy volunteers, 637

5-Hydroxytryptamine, Serotonergic mediation of postprandial colonic tonic and phasic responses in humans, 536

Hypertension

Benign intracranial hypertension during prednisolone treatment for inflammatory bowel disease, 423: correspondence, 1677

Longterm outcome after injection sclerotherapy for oesophageal varices in children with extrahepatic portal hypertension, 257

Pulmonary hypertension associated with primary biliary cirrhosis in the absence of portal hypertension, 280

Hypogammaglobulinaemia, Studies on the enteropathy associated with primary hypogammaglobulinaemia, 1244

Hypolactasia, Morphological method for the diagnosis of human adult type hypolactasia, 1042

Hyposplenism, Functional hyposplenism in alcoholic liver disease,

Ileal exclusion, Apparent selective bile acid malabsorption as a consequence of ileal exclusion: effects on bile acid, cholesterol, and lipoprotein metabolism, 1116

Ileal metabolism, Ileal and colonic epithelial metabolism in quiescent ulcerative colitis: *correspondence*, 1152

Ileal pouch mucosa, Increased leukotriene B₄ release from ileal pouch mucosa in ulcerative colitis compared with familial adenomatous polyposis, 1429

Ileal reservoir mucosa, Longterm appraisal of the histological appearances of the ileal reservoir mucosa after restorative proctocolectomy for ulcerative colitis, 1721

Ileitis, Ileitis after colectomy for ulcerative colitis or carcinoma, 373
Ileoanal pouch, Polypoid mucosal prolapse in a pelvic ileal reservoir,

1668
Ileoanal reservoir function, Relationship of small bowel motility to ileoanal reservoir function, 523

Ileocolonic resection, Timing of ileocolonic resection for symptomatic Crohn's disease – the patient's view, 656

Ileorectal anastomosis, Rectal mucosal ornithine decarboxylase activity in familial adenomatous polyposis after ileorectal anastomosis, 1624

Ileum, Role of the enteric nervous system in the maintained hypersecretion induced by enterotoxin STa in the nutritionally deprived intestine, 1237

Immune system, Hepatocyte and immune system: acute phase reaction as a contribution to early defence mechanisms: leading article, 1163

Immunocompromised children, Clinical significance of Clostridium difficile and its toxins in faeces of immunocompromised children, 1608

Immunoelectron microscopic localisation, Immunoelectron microscopic localisation of transforming growth factor alpha in rat colon, 1086

Immunoglobulin A, Is there IgA of gut mucosal origin in the serum of HIV1 infected patients?, 803

Immunoglobulin G1 antibody, Circulating immunoglobulin G1 antibody in patients with ulcerative colitis against the colonic epithelial protein detected by a novel monoclonal antibody, 1712

Immunohistochemistry, Expression of glutathione S-transferases in normal and malignant pancreas: an immunohistochemical study, 266

Immunoprecipitation studies, Enzyme linked immunosorbent assay (ELISA) and immunoprecipitation studies on anti-goblet cell antibody using a mucin producing cell line in patients with inflammatory bowel disease, 224

In situ hybridisation, Detection of interferon gamma mRNA in the mucosa of patients with coeliac disease by in situ hybridisation, 1037

Index, Gut index change: editorial, 1021

Indomethacin

Effects of diet on experimentally induced intestinal ulcers in rats: morphology and tissue leukotrienes, 1058

Pentoxifylline prevents indomethacin induced acute gastric mucosal damage in rats: role of tumour necrosis factor alpha, 909

Short term effects of indomethacin on rat small intestinal permeability. Role of eicosanoids and platelet activating factor, 490

Infection, Phenotypic and genotypic variation in *Giardia lamblia* isolates during chronic infection, 51

Inflammatory bowel disease

A modest proposal for future trials of medical treatment in inflammatory bowel disease: personal viewpoint, 860

Class II major histocompatibility complex antigen expression on peripheral blood monocytes in patients with inflammatory bowel disease, 511

Enzyme linked immunosorbent assay (ELISA) and immunoprecipitation studies on anti-goblet cell antibody using a mucin producing cell line in patients with inflammatory bowel disease, 224

Genetics of inflammatory bowel disease, 696

Incidence of inflammatory bowel disease in north west Greece: rarity of Crohn's disease in an area where ulcerative colitis is common, 369 Incidence of inflammatory bowel disease in northern France (1988-1990), 1433

Increased macrophage subset in inflammatory bowel disease: apparent recruitment from peripheral blood monocytes, 669
Inflammatory bowel disease in married couples: 10 cases in Nord Pas

Inflammatory bowel disease in married couples: 10 cases in Nord Pas de Calais region of France and Liège county of Belgium, 1316

Interrelations between interleukin-6, interleukin-1ß, plasma C-reactive protein values, and in vitro C-reactive protein generation in patients with inflammatory bowel disease, 77: correspondence, 714

Low prevalence of *Helicobacter pylori* in inflammatory bowel disease: association with sulphasalazine, 1385

Lymphocyte and macrophage interleukin receptors in inflammatory bowel disease: a more selective target for therapy? *leading article*, 867

Microalbuminuria in inflammatory bowel disease, 1599

Morbidity of juvenile onset inflammatory bowel disease: effects on education and employment in early adult life, 665

Observer variation and discriminatory value of biopsy features in inflammatory bowel disease, 961

Pouchitis - recurrence of the inflammatory bowel disease?, 243

Role of intestinal microflora in chronic inflammation and ulceration of the rat colon, 1090

Tumour necrosis factor alpha in inflammatory bowel disease: correspondence, 715

Value of granulocyte scintigraphy in inflammatory bowel disease: correspondence, 1676

Infusion, Response of the human intestine to high volume infusion, 641 Injection sclerotherapy

Distal biliary stricture as a complication of sclerosant injection for bleeding duodenal ulcer, 1665

Language outcome after injection calcretherapy for accompaged

Longterm outcome after injection sclerotherapy for oesophageal varices in children with extrahepatic portal hypertension, 257

Respiratory function after injection sclerotherapy of oesophageal varices, 1459

Integrins, Cell adhesion molecules in oesophageal epithelium, 1343 Intercellular adhesion molecule-1, Immunohistochemical localisation

Intercellular adhesion molecule-1, Immunohistochemical localisation of intercellular adhesion molecule-1 in follicle associated epithelium of Peyer's patches, 46

Interferon gamma mRNA, Detection of interferon gamma mRNA in the mucosa of patients with coeliac disease by in situ hybridisation, 1037

Interleukin-1ß, Interrelations between interleukin-6, interleukin-1ß, plasma C-reactive protein values, and in vitro C-reactive protein generation in patients with inflammatory bowel disease, 77: correspondence, 714

Interleukin-2

Deficient interleukin 2 dependent proliferation pathway in T lymphocytes from active and inactive ulcerative colitis patients, 955

Immunohistochemical changes in the jejunum in first degree relatives of patients with coeliac disease and the coeliac disease marker DQ genes. HLA class II antigen expression, interleukin-2 receptor positive cells and dividing crypt cells, 55

Interleukin-6

Interrelations between interleukin-6, interleukin-1ß, plasma C-reactive protein values, and in vitro C-reactive protein generation in patients with inflammatory bowel disease, 77: correspondence, 714

Raised pro-inflammatory cytokines, interleukin 6 and tumour necrosis factor α in coeliac disease mucosa detected by immunohistochemistry, 1398

Interleukin-8, Polarised interleukin 8 secretion by HT 29/19A cells, 338
Interleukin receptors, Lymphocyte and macrophage interleukin receptors in inflammatory bowel disease: a more selective target for therapy? leading article, 867

Interstitial nephritis, Mesalazine induced interstitial nephritis, 1493
Intestinal absorption, Intestinal absorption of peptide drugs: leading article, 441

Intestinal cells, Lactobacillus acidophilus LA 1 binds to cultured human intestinal cell lines and inhibits cell attachment and cell invasion by enterovirulent bacteria, 483

Intestinal ischaemia, Release of vasodilator, but not vasoconstrictor, neuropeptides and of enteroglucagon by intestinal ischaemia/ reperfusion in the rat, 1701

Intestinal microflora, Role of intestinal microflora in chronic inflammation and ulceration of the rat colon, 1090

Intestinal mucosa, Lymphoid and non-lymphoid cells in the epithelium and lamina propria of intestinal mucosa of pigs, 1582

Intestinal permeability

Enteric protein loss and intestinal permeability changes in children during acute shigellosis and after recovery: effect of zinc supplementation, 1707

Intestinal permeability in patients with Crohn's disease and ulcerative colitis and their first degree relatives, 68: correspondence, 1675

Intestinal ulcers, Effects of diet on experimentally induced intestinal ulcers in rats: morphology and tissue leukotrienes, 1058

Intercellular heateria. Enterceute proliferation and intercellular hea

Intracellular bacteria, Enterocyte proliferation and intracellular bacteria in animals, 1483

Intraduodenal fat, Effect of a low dose of intraduodenal fat on satiety in humans: studies using the type A cholecystokinin receptor antagonist loxiglumide, 501

Intrahepatic biliary cells, Comparative studies of human intrahepatic biliary and gall bladder epithelial cells in vitro, A719

Intrahepatic cholestatic jaundice, Primary amyloidosis and severe intrahepatic cholestatic jaundice, 1322

Intraluminal acidification, Effects of intraluminal acidification on oesophageal motor activity, 884

Intraluminal dudodenal diverticulum, Intraluminal duodenal diverticulum causing recurrent pancreatitis: treatment by endoscopic incision, 557

Intraoperative assessment, Comparison of computed tomography, endosonography, and intraoperative assessment in TN staging of gastric carcinoma: correspondence, 287

Ion transport, Tumour necrosis factor alpha changes porcine intestinal ion transport through a paracrine mechanism involving prostaglandins, 934

Iron deficiency anaemia, Iron deficiency anaemia: correspondence, 140, 864

Irritable bowel syndrome

Ambulatory small intestinal motility in diarrhoea predominant irritable bowel syndrome, 203

Evidence for the ambiguity of the term constipation: the role of irritable bowel syndrome, 1455

Selective affective biasing in recognition memory in the irritable bowel syndrome: correspondence, 285

Ispaghula husks, Digestibility and bulking effect of ispaghula husks in healthy humans, 1747

Israel, Gastroenterological practice in Israel, 1149

Japan, Comparison of the molecular genetics of stomach cancers in Britain and Japan: c-erbB2 and p53, A1680

Japanese style gastric resection, Japanese style gastric resection – viable in the UK? A1681

Jaundice, Primary amyloidosis and severe intrahepatic cholestatic jaundice, 1322

Jejunal water and electrolyte secretion, Failure of tropisetron to inhibit jejunal water and electrolyte secretion induced by 5-hydroxytryptamine in healthy volunteers, 637

Jejunum

Immunohistochemical changes in the jejunum in first degree relatives of patients with coeliac disease and the coeliac disease marker DQ genes. HLA class II antigen expression, interleukin-2 receptor positive cells and dividing crypt cells, 55

Lipid peroxidation and electrogenic ion transport in the jejunum of the vitamin E deficient rat. 34

Response of the human intestine to high volume infusion, 641

Role of the enteric nervous system in the maintained hypersecretion induced by enterotoxin STa in the nutritionally deprived intestine, 1237

Ki-ras, Mutations of Ki-ras and p53 genes in colorectal cancer and their prognostic significance, 1627

Knee-elbow position, The knee-elbow position relieves distension: correspondence, 1150

Kupffer cells, Cell biology of liver endothelial cells and Kupffer cells: leading article, 1509

L-mono-methyl-arginine, L-mono-methyl-arginine in the treatment of hypotension resulting from fulminant hepatic failure, A721

Lactase deficiency, Did malaria select for primary adult lactase deficiency?, 1487

Lactobacillus acidophilus LA 1, Lactobacillus acidophilus LA 1 binds to cultured human intestinal cell lines and inhibits cell attachment and cell invasion by enterovirulent bacteria, 483

Laparoscopic cholecystectomy

Imaging of the common bile duct in patients undergoing laparoscopic cholecystectomy, 991: correspondence, 1773

Prospective audit of the introduction of laparoscopic cholecystectomy in the west of Scotland, 1121

Laparoscopic pancreatic cystogastrostomy, Laparoscopic pancreatic cystogastrostomy, A576

Laparoscopy

Diagnostic yield and management benefit of laparoscopy: a prospective audit, 1617

Laparoscopic assessment of resectability in gastric cancer, A1680

Lasers, Endoscopic laser treatment of diffuse gastric antral vascular ectasia, 461

Leucocytes, Specific interaction of pancreatic elastase and leucocytes to produce oxygen radicals and its implication in pancreatitis, 1659

produce oxygen radicals and its implication in pancreatitis, 1659

Leukotriene B., Increased leukotriene B., release from ileal pouch mucosa in ulcerative colitis compared with familial adenomatous polyposis, 1429

Leukotriene C₄, Abnormal leukotriene C₄ release by unaffected jejunal mucosa in patients with inactive Crohn's disease, 517

Lewis phenotype, Lewis phenotype, secretor status, and coeliac disease, 769

Lipid peroxidation

Lipid peroxidation and electrogenic ion transport in the jejunum of the vitamin E deficient rat, 34

Lipid peroxidation in rats chronically fed ethanol, 1644

Resistance of erythrocytes to lipid peroxidation in alcoholic patients, 1753

Lipids, Gastrointestinal adaptation to enhanced small intestinal lipid exposure, 1409

Lipiodol, Intra-arterial lipiodol targeted treatments for unresectable hepatoma, A721

Lipocytes

Perisinusoidal lipocytes and fibrinogenesis: leading article, 1331 Transin release by rat lipocytes in primary culture, A721

Lipoprotein, Apparent selective bile acid malabsorption as a consequence of ileal exclusion: effects on bile acid, cholesterol, and lipoprotein metabolism, 1116

Lithostatin, Lithostatin expression in acute experimental and human chronic pancreatitis, A575

Lithotripsy, Relief of heterogeneous symptoms after successful gall bladder stone lithotripsy and complete stone disappearance, 819

Liver

Acute fatty liver of pregnancy: a clinical study of 12 episodes in 11 patients, 101

Cell biology of liver endothelial cells and Kupffer cells: *leading article*, 1509

Diagnostic pitfall; interpretation of CA 19-9 concentrations in the presence of hepatic dysfunction, 707

Echinococcus of the liver: leading article, 1517

Epithelial cell lineages in developing, restoring, and transforming liver: evidence for the existence of a 'differentiation window': leading article, 294

Focused liver ablation by cavitation in the rabbit: a potential new method of extracorporeal treatment, 395

High prevalence of histological abnormality in asymptomatic hepatitis C infection with persistently normal liver enzymes, A719

Host immune response and variations in the virus genome: pathogenesis of liver damage caused by hepatitis B virus: *leading article*,

Liver cell death: patterns and mechanisms: leading article, 577

Liver disease in ulcerative colitis: an epidemiological and follow up study in the county of Stockholm, 84

Measurement of androgen receptor expression in adult liver, fetal liver, and Hep-G2 cells by the polymerase chain reaction, 688

Rim calcification in primary liver cell carcinoma mimicking hydatid disease, 567

Serum increase and liver overexpression of carbohydrate 19.9 antigen in patients with genetic haemochromatosis, 1107

Systemic arteriovenous malformations: a feature of advanced liver disease, 1145

Liver transplantation

Serious paracetamol poisoning and the results of liver transplantation, 809

Serum hyaluronic acid in extrahepatic biliary atresia (EHBA) before portoenterostomy identifies patients who will require early liver transplantation, A719

Lower gastrointestinal tract, Lower gastrointestinal malignancy in Crohn's disease, 347

Loxiglumide, Effect of a low dose of intraduodenal fat on satiety in humans: studies using the type A cholecystokinin receptor antagonist loxiglumide, 501

Loxtidine, Evaluation of the trophic effect of longterm treatment with the histamine H₂ receptor antagonist loxtidine on rat oxyntic mucosa by differential counting of dispersed cells, 1547

Lymph node, Effect on lymph node status of triple levelling and immunohistochemistry with CAM 5.2 on node negative colorectal carcinomas, 1447

Lymphocytes

Human colorectal tumour infiltrating lymphocytes express activation markers and the CD45RO molecule, showing a primed population of lymphocytes in the tumour area, 382, correction, 866

Intestinal antibody pattern of coeliac disease, 476
Lymphocyte and macrophage interleukin receptors in inflammatory bowel disease: a more selective target for therapy? *leading article*,

Lymphocytes, mucosal, Lymphoid and non-lymphoid cells in the epithelium and lamina propria of intestinal mucosa of pigs, 1582 Lymphocytic colitis, Drug induced lymphocytic colitis, 426

Lynch syndrome, Screening for hereditary bowel cancer in New Zealand, 1328

Macromolecular absorption, Effect of Escherichia coli enterotoxins on macromolecular absorption, 1613

Macrophages

Increased macrophage subset in inflammatory bowel disease: apparent recruitment from peripheral blood monocytes, 669

Lymphocyte and macrophage interleukin receptors in inflammatory bowel disease: a more selective target for therapy? *leading article*, 867

Magnesium hydrogen breath test, Magnesium hydrogen breath test using end expiratory sampling to assess achlorhydria in pernicious anaemia patients, 1205

Major histocompatibility complex, Class II major histocompatibility complex antigen expression on peripheral blood monocytes in patients with inflammatory bowel disease, 511

Malabsorption, Persisting diarrhoea and malabsorption: leading article, 582

Malaria, Did malaria select for primary adult lactase deficiency?, 1487
Malignant disease, Death from malignant disease after surgery for duodenal ulcer, 451: correspondence, 1675

Meckel's diverticulum, Association between Meckel's diverticulum and Crohn's disease: a retrospective review, 788

Medical audit, Prospective audit of the introduction of laparoscopic cholecystectomy in the west of Scotland, 1121

Ménétrier's disease, Healing of protein losing hypertrophic gastropathy by eradication of *Helicobacter pylori* – Is *Helicobacter pylori* a pathogenic factor in Ménétrier's disease? 701

Mesalazine, Mesalazine induced interstitial nephritis, 1493

Metastasis, Current concepts in metastasis, 996

Methanogens, Methanogens outcompete sulphate reducing bacteria for H, in the human colon, 1098

Methyl-tert-butyl ether, Addition of dimethylsulphoxide to methyl-tertbutyl ether and ethyl propionate increases cholesterol dissolving capacity and cholesterol gall stone dissolution in vitro, 1653

Metronidazole

High prevalence of *Helicobacter pylori* metronidazole resistance in migrants to east London: relation with previous nitroimidazole exposure and gastroduodenal disease, 1562

Phenotypic and genotypic variation in *Giardia lamblia* isolates during chronic infection, 51

Microalbuminuria, Microalbuminuria in inflammatory bowel disease, 1599

Microflora, Role of intestinal microflora in chronic inflammation and ulceration of the rat colon, 1090

Microspheres, Intrahepatic portal occlusion by microspheres: a new model of portal hypertension in the rat, 815

Monocytes

Class II major histocompatibility complex antigen expression on peripheral blood monocytes in patients with inflammatory bowel disease, 511

Systemic complications in acute pancreatitis are associated with increased monocyte cytokine release, A575

Mucosa

Abnormal leukotriene C₄ release by unaffected jejunal mucosa in patients with inactive Crohn's disease, 517

Butyrate oxidation is impaired in the colonic mucosa of sufferers of quiescent ulcerative colitis, 73

Mucosal cell proliferation, Role of gastric blood flow, neutrophil infiltration, and mucosal cell proliferation in gastric adaptation to aspirin in the rat, 1189

Mucus secreting HT-29 cell subpopulations, Adhesion of human enterotoxigenic *Escherichia coli* to human mucus secreting HT-29 cell subpopulations in culture, 1449

Multiple sclerosis, Pelvic floor function in multiple sclerosis, 388

Myasthenia gravis, Crohn's disease and myasthenia gravis: a possible role for thymectomy, 278

Mycobacteria, Mycobacteria in the human intestine: correspondence,

Mycobacterium paratuberculosis, Specific detection of Mycobacterium paratuberculosis DNA associated with granulomatous tissue in Crohn's disease, 506

N-acetylcysteine, Portal and systemic haemodynamic action of N-acetylcysteine in patients with stable cirrhosis, 1290

N-nitroso compounds, Effect of omeprazole on intragastric bacterial counts, nitrates, nitrites, and N-nitroso compounds, 455

NADPH diaphorase, Nitrinergic and peptidergic innervation of the human oesophagus, 1690

National Health Service, Clinical training – back to the future: personal viewpoint, 1008

Nephritis, Mesalazine induced interstitial nephritis, 1493

Nerve growth factor receptor, Nerve growth factor receptor immunostaining suggests an extrinsic origin for hypertrophic nerves in Hirschsprung's disease, 1605

Netherlands, Present position of gastroenterology in the Netherlands, 1326

Neuroendocrine tumours, Localisation of neuroendocrine tumours of the upper gastrointestinal tract, 471

Neuropeptides, Release of vasodilator, but not vasoconstrictor, neuropeptides and of enteroglucagon by intestinal ischaemia/reperfusion in the rat, 1701

Neutrophil activation, Mucosal adaptation to aspirin induced gastric damage in humans. Studies on blood flow, gastric mucosal growth, and neutrophil activation, 1197

Neutrophil infiltration, Role of gastric blood flow, neutrophil infiltration, and mucosal cell proliferation in gastric adaptation to aspirin in the rat, 1189

Nicotine, Effect of nicotine on rectal mucus and mucosal eicosanoids, 247

Nitrates, Effect of omeprazole on intragastric bacterial counts, nitrates, nitrites, and N-nitroso compounds, 455

Nitric oxide

Intragastric nitric oxide production in humans: measurements in expelled air, 1543

Nitric oxide a novel therapy for pancreatitis induced lung injury, A575

Nitrinergic and peptidergic innervation of the human oesophagus, 1690

Nitric oxide synthase, Enhanced gastric nitric oxide synthase activity in duodenal ulcer patients, 1394

Nitrinergic innervation, Nitrinergic and peptidergic innervation of the human oesophagus, 1690

Nitrites, Effect of omeprazole on intragastric bacterial counts, nitrates, nitrites, and N-nitroso compounds, 455

Nitrofurantoin, Pancreatitis induced by nitrofurantoin, 712

Nitroimidazole, High prevalence of *Helicobacter pylori* metronidazole resistance in migrants to east London: relation with previous nitroimidazole exposure and gastroduodenal disease, 1562

Nitroxide, A novel antiulcerogenic stable radical prevents gastric mucosal lesions in rats, 1181

Nm23 gene, The Nm23 gene and colorectal cancer: correspondence, 141 Non-adrenergic non-cholinergic inhibitory innervation, Non-adrenergic non-cholinergic inhibitory innervation shown by electrical field stimulation of isolated strips of human gall bladder muscle, 412

Non-steroidal anti-inflammatory drugs

Increased gastric juice epidermal growth factor after non-steroidal anti-inflammatory drug ingestion, 611

Inflammatory mediators in the oesophagus: leading article, 297

Interobserver variation in assessment of gastroduodenal lesions associated with non-steroidal anti-inflammatory drugs, 1030 Predicting NSAID related ulcers, 891

Notes, 288, 432, 718, 866, 1010, 1154, 1506, 1330, 1679, 1776

Nucleotides, Effect of dietary nucleotides on small int4estinal repair after diarrhoea, 926

Obstructive defecation, Effects of biofeedback on obstructive defecation – reconditioning of the defecation reflex?, 252

Octreotide, Effect of octreotide on gastrointestinal pressure profiles in health and in functional and organic gastrointestinal disorders, 1064

Oesophagitis, Simultaneous two level oesophageal pH monitoring in healthy controls and patients with oesophagitis: comparison between two positions, 304

Oesophagogastric carcinoma, Palliation of malignant dysphagia by ethanol induced tumour necrosis, 299

Oesophagus, oesophageal

24 Hour ambulatory oesophageal pH monitoring in uncomplicated Barrett's oesophagus, 1352

An audit of the treatment of cancer of the oesophagus, 941

Cell adhesion molecules in oesophageal epithelium, 1343
Classification and localisation of carcinoembryonic antigen related
antigen expression in normal oesophageal squamous mucosa and

squamous carcinoma, 1022, 1022 Cytochrome P450 expression in oesophageal cancer, 599

Diminished oesophageal traction forces with swallowing in gastrooesophageal reflux disease and in functional dysphagia, 165

Effect of famotidine on oesophageal sensitivity in gastro-oesophageal reflux disease, 447

Effects of intraluminal acidification on oesophageal motor activity, 884

Impaired oesophageal transit of capsule versus tablet formulations in the elderly, 1363

Inflammatory mediators in the oesophagus: leading article, 297

Intramural haematoma of the oesophagus complicating sclerotherapy for varices, 130

Longterm outcome after injection sclerotherapy for oesophageal varices in children with extrahepatic portal hypertension, 257

Nitrinergic and peptidergic innervation of the human oesophagus, 1690

Oesophageal acid clearance: correspondence, 714

Oesophageal motility and gastro-oesophageal reflux before and after healing of reflux oesophagitis. A study using 24 hour ambulatory pH and pressure monitoring, 1519

Primary peristalsis is the major acid clearance mechanism in reflux patients, 1536

Respiratory function after injection sclerotherapy of oesophageal varices, 1459

Secondary oesophageal peristalsis in patients with non-obstructive dysphagia, 1523

Simultaneous two level oesophageal pH monitoring in healthy controls and patients with oesophagitis: comparison between two positions, 304

Stimulation and characteristics of secondary oesophageal peristalsis in normal subjects, 152

Strain induced augmentation of upper oesophageal sphincter pressure in children, 159

Temporal relationships between episodes of non-cardiac chest pain and abnormal oesophageal function, 733

Olsalazine, Optimum dose of olsalazine for maintaining remission in ulcerative colitis, 1282

Omeprazole

Antacid provides better restoration of glandular structures within the gastric ulcer scar than omeprazole, 896

Can prescribing omeprazole delay the diagnosis of gastric malignancy?
A1681

Duodenal bacterial overgrowth during treatment in outpatients with omeprazole, 23

Effect of omeprazole on intragastric bacterial counts, nitrates, nitrites, and N-nitroso compounds, 455

Effect of omeprazole and sucralfate on prepyloric gastric ulcer, 837 Eradication of *Helicobacter pylori* with clarithromycin and omeprazole, 323

Omeprazole v ranitidine for prevention of relapse in reflux oesophagitis, 590

Ondansetron, Serotonergic mediation of postprandial colonic tonic and phasic responses in humans. 536

Open cholecystectomy, Symptoms and health status before and six weeks after open cholecystecomy: a European cohort study, 1301

Oral contraception, Cigarette smoking and parity as risk factors for the development of symptomatic gall bladder disease in women: results of the Royal College of General Practitioners' oral contraception study, 107: correspondence, 1152, 1506

Oral rehydration solution, Absorption of a hypotonic oral rehydration solution in a human model of cholera, 211

Ornithine decarboxylase, Rectal mucosal ornithine decarboxylase activity in familial adenomatous polyposis after ileorectal anastomosis, 1624

Oroileal transit, Oroileal transit of 5-aminosalicylic acid: correspondence, 287

Osteonecrosis, Multifocal osteonecrosis related to steroid treatment in a patient with ulcerative colitis, 132

Oxidative damage, Monitoring oxidative damage in patients with liver cirrhosis and different daily alcohol intake, 1637

Oxygen

Helicobacter pylori stimulates antral mucosal reactive oxygen metabolite production in vivo, 170

Oxygen saturation during endoscopic retrograde cholangiopancreatography: a comparison of two protocols of oxygen administration, 408

Oxygen radicals, Specific interaction of pancreatic elastase and leucocytes to produce oxygen radicals and its implication in pancreatitis, 1659

Oxyntic mucosa, Evaluation of the trophic effect of longterm treatment with the histamine H₂ receptor antagonist loxtidine on rat oxyntic mucosa by differential counting of dispersed cells, 1547

p53

Adenocarcinoma arising in Barrett's oesophagus: evidence for the participation of p53 dysfunction in the dysplasia/carcinoma sequence, 764

Comparative clinicopathological and immunohistochemical study of ras and p53 in flat and polypoid type colorectal tumours, 1258

Comparison of the molecular genetics of stomach cancers in Britain and Japan: c-erbB2 and p53, A1680

Expression of p53 in early (T1) gastric carcinoma and precancerous adjacent mucosa, 1697

p53 genes, Mutations of Ki-ras and p53 genes in colorectal cancer and their prognostic significance, 1627

p53 mutation, Different levels of p53 mutation in proximal and distal gastric cancers, A1680

p53 protein, Expression of mutant p53 protein in hepatocellular carcinoma, 98

Paediatric problems, Paediatric problems in tropical gastroenterology: leading article, 1687

Pain

Chronic, non-visceral abdominal pain, 833

Duodenal ulcer pain - the role of acid and inflammation: correspondence, 863

Painful rib syndrome, Painful rib syndrome: correspondence, 429

Pancreas, Expression of glutathione S-transferases in normal and malignant pancreas: an immunohistochemical study, 266

Pancreatic cancer

Attitudes to palliative resection for pancreatic cancer, A576

Incidence, treatment, and survival in 13 560 patients with pancreatic cancer: an epidemiological study in a UK region, A576

Tissue factor is responsible for the procoagulant activity of human pancreatic carcinoma, A576

Pancreatic elastase, Specific interaction of pancreatic elastase and leucocytes to produce oxygen radicals and its implication in pancreatitis, 1659

Pancreatic Society of Great Britain and Ireland, 18th annual meeting, London, November 1993, abstracts, A574

Pancreatic zymogen granules, Chronic ethanol consumption increases the fragility of rat pancreatic zymogen granules, 1474

Pancreatitis

Bile induced acute oedematous pancreatitis in rats: non-parallel changes in pancreatic morphology and amylase release in vitro, 1127 Biphasic tumour necrosis factor release in experimental acute pancreatitis, A575

Chronic pancreatitis is associated with increased concentrations of epidermal growth factor receptor, transforming growth factor α , and phospholipase Cy, 1468

Comparison of pancreatic morphology and exocrine functional impairment in patients with chronic pancreatitis, 1132

Demonstration of tumour necrosis factor in pancreatic acinar cells by in situ hybridisation in a model of acute pancreatitis, A575

Dopamine in models of alcoholic acute pancreatitis, 547

E-selectin in acute pancreatitis, A574

Inflammatory response in the early prediction of severity in human acute pancreatitis, 822

Intraluminal duodenal diverticulum causing recurrent pancreatitis: treatment by endoscopic incision, 557

Lithostatin expression in acute experimental and human chronic pancreatitis, A575

Management of common bile duct stricture caused by chronic pancreatitis with metal mesh self expandable stents, 122

Multicentre audit of surgical management of acute necrotising pancreatitis, A574

Natural course of operated pseudocysts in chronic pancreatitis, 1479 Pancreatic outflow obstruction as the critical event for human gall stone induced pancreatitis, 1501

Pancreatitis induced by nitrofurantoin, 712

Progression of alcoholic acute to chronic pancreatitis, 552

Role of platelet activating factor in a model of acute pancreatitis, A574

Routes of spread of pathogens into the pancreas in a feline model of acute pancreatitis, 1306

Serial blood antioxidants in acute pancreatitis, A574

Specific interaction of pancreatic elastase and leucocytes to produce oxygen radicals and its implication in pancreatitis, 1659

Systemic complications in acute pancreatitis are associated with increased monocyte cytokine release, A575

Trypsinogen activation peptides (TAP) concentrations in the peritoneal fluid of patients with acute pancreatitis and their relation to the presence of histologically confirmed pancreatic necrosis, 1311

Paracetamol poisoning, Serious paracetamol poisoning and the results of liver transplantation, 809

Paracrine mechanism, Tumour necrosis factor alpha changes porcine intestinal ion transport through a paracrine mechanism involving prostaglandins, 934

Parasitic infections, Parasitic infections of the small intestine: leading article, 289

Parietal cells, Effects of *Helicobacter pylori* on histamine and carbachol stimulated acid secretion by human parietal cells, 755

PCO₂, Effect of ranitidine on basal and bicarbonate enhanced intragastric PCO₂: a tonometric study, 737

PD-136,450, Cholecystokinin type B receptor antagonist PD-136,450 is a partial secretory agonist in the stomach and a full agonist in the pancreas of the rat, 270

Pelvic floor, Pelvic floor function in multiple sclerosis, 388

Pelvic ileal reservoir, Polypoid mucosal prolapse in a pelvic ileal reservoir, 1668

Pelvic surgery, Cap polyposis occurring in the postoperative course of pelvic surgery, 1670

Pentoxifylline, Pentoxifylline prevents indomethacin induced acute gastric mucosal damage in rats: role of tumour necrosis factor alpha, 909

Peptic ulcer

Bleeding peptic ulcer – risk factors for rebleeding and sequential changes in endoscopic findings, 746

Clinical courses and predictors for rebleeding in patients with peptic ulcers and non-bleeding visible vessels, 1389

Endoscopic injection therapy for bleeding peptic ulcer; a comparison of adrenaline alone with adrenaline plus ethanolamine oleate, 608

Inhibitory effect of polyunsaturated fatty acids on the growth of Helicobacter pylori: a possible explanation of the effect of diet on peptic ulceration, 1557

Prevalence of peptic ulcer in *Helicobacter pylori* positive blood donors, **309**

Why is peptic ulcer now a disease? personal viewpoint, 1504 **Peptide**, Comparison of amino acid v peptide based enteral diets in active

Peptide, Comparison of amino acid v peptide based enteral diets in active Crohn's disease: clinical and nutritional outcome, 783

Peptidergic innervation, Nitrinergic and peptidergic innervation of the human oesophagus, 1690

Percutaneous cholecystolithotomy, Percutaneous cholecystolithotomy: is gall stone recurrence inevitable?, 692

Percutaneous endoscopic gastrostomy, Percutaneous endoscopic gastrostomy in a general hospital: prospective evaluation of indications, outcome, and randomised comparison of two tube designs, 1551

Percutaneous transhepatic cholangiography, Combined percutaneous and endoscopic procedures for bile duct obstruction: *leading article*, 1011

Peripheral blood monocytes, Increased macrophage subset in inflammatory bowel disease: apparent recruitment from peripheral blood monocytes, 669

Perisinusoidal lipocytes, Perisinusoidal lipocytes and fibrinogenesis: leading article, 1331

Peristalsis, Primary peristalsis is the major acid clearance mechanism in reflux patients, 1536

Peritoneal fluid, Trypsinogen activation peptides (TAP) concentrations in the peritoneal fluid of patients with acute pancreatitis and their relation to the presence of histologically confirmed pancreatic necrosis, 1311

Peritonitis

Bacterial translocation in cirrhotic rats. Its role in the development of spontaneous bacterial peritonitis, 1648

Spontaneous bacterial peritonitis in cystic fibrosis, 709

Permeability tests, Test conditions greatly influence permeation of water soluble molecules through the intestinal mucosa: need for standardisation, 1404

Pernicious anaemia, Magnesium hydrogen breath test using end expiratory sampling to assess achlorhydria in pernicious anaemia patients, 1205

Personal viewpoint, Hoist with my own petard!, 1148
Peyer's patches, Immunohistochemical localisation of intercellular adhesion molecule-1 in follicle associated epithelium of Peyer's atches, 46

pH, Maintenance of intragastric pH 4 with famotidine in duodenal ulcer patients: factors influencing drug requirements, 750

pH monitoring, Simultaneous two level oesophageal pH monitoring in healthy controls and patients with oesophagitis: comparison between two positions, 304

Phenotypic expression, Phenotypic expression in familial adneomatous polyposis: partial prediction by mutation analysis, 1622

Phospholipase A₂

Effects of endotoxin and dexamethasone on group I and II phospholipase A, in rat ileum and stomach, 40

Increased group II phospholipase A₂ in colonic mucosa of patients with Crohn's disease and ulcerative colitis, 1593

Tumour necrosis factor and endotoxin synergistically activate intestinal phospholipase A, in mice. Role of endogenous platelet activating factor and effect of exogenous platelet activating factor, 215

Phospholipase Cγ, Chronic pancreatitis is associated with increased concentrations of epidermal growth factor receptor, transforming growth factor alpha, and phospholipase Cγ, 1468

Phospholipid fatty acids, Study of plasma and red cell phospholipid

fatty acids in extrahepatic cholestatic jaundice, 987

Phytase, Phytase activity in the human and rat small intestine, 1233 Pinworm, Enterobius vermicularis infection: leading article, 1159

Plasminogen activation, Hepatocyte growth factor and plasminogen activation in fulminant hepatic failure, A720

Plasminogen activator inhibitor-1, Secretion of urokinase and plasminogen activator inhibitor-1 by normal colonic epithelium in vitro, 969

Platelet activating factor

Platelet activating factor and Crohn's disease: correspondence, 141 Short term effects of indomethacin on rat small intestinal permeability. Role of eicosanoids and platelet activating factor, 490

The role of platelet activating factor in a model of acute pancreatitis, A574

Tumour necrosis factor and endotoxin synergistically activate intestinal phospholipase A2 in mice. Role of endogenous platelet activating factor and effect of exogenous platelet activating factor, 215

Tumour necrosis factor and platelet activating factor in stool during salmonellosis: correspondence, 287

Polidocanol, Alcohol v epinephrine and polidocanol: correspondence, 286 Polymerase chain reaction

Adenovirus 12 E1A gene detection by polymerase chain reaction in both the normal and coeliac duodenum, 1226

Measurement of androgen receptor expression in adult liver, fetal liver, and Hep-G2 cells by the polymerase chain reaction, 683

Polymerase chain reaction assay for the detection of Helicobacter pylori in gastric biopsy specimens, 905

Polyneuropathy, Impact of familial amyloid associated polyneuropathy on duodenal endocrine cells, 1413

Polypoid mucosal prolapse, Polypoid mucosal prolapse in a pelvic ileal reservoir, 1668

Polyps, Non-penetrance and late appearance of polyps in families with familial adenomatous polyposis: correspondence, 572

Porphyria, Safety of general anaesthesia and surgery in acute hepatic porphyria, 1112

Portal hypertension, Intrahepatic portal occlusion by microspheres: a new model of portal hypertension in the rat, 815

Portal pyaemia, Non-fatal portal pyaemia complicating Crohn's disease of the terminal ileum, 560

Postenteritis enteropathy, Paediatric problems in tropical gastroenter-ology: leading article, 1687

Postprandial colonic tonic, Serotonergic mediation of postprandial colonic tonic and phasic responses in humans, 536

Pouchitis: result of microbial imbalance?, 658

Pouchitis - recurrence of the inflammatory bowel disease?, 243

Precancerous adjacent mucosa, Expression of p53 in early (T1) gastric carcinoma and precancerous adjacent mucosa, 1697

Prednisolone, Benign intracranial hypertension during prednisolone treatment for inflammatory bowel disease, 423: correspondence, 1677 **Pregnancy**, Acute fatty liver of pregnancy: a clinical study of 12 episodes

in 11 patients, 101 Pressure profiles, Effect of octreotide on gastrointestinal pressure profiles in health and in functional and organic gastrointestinal disorders, 1064

Primary biliary cirrhosis

Antimitochondrial antibody negative primary biliary cirrhosis: a distinct syndrome of autoimmune cholangitis, 260

Hepatocellular carcinoma in primary biliary cirrhosis, A721

Primary biliary cirrhosis presenting with granulomatous skin lesions,

Pulmonary hypertension associated with primary biliary cirrhosis in the absence of portal hypertension, 280

Proctocolectomy, Surgery for ulcerative colitis in the era of the pouch: The St Mark's Hospital experience, 1076

Proliferating cell nuclear antigen, Proliferating cell nuclear antigen (PCNA): a new marker to study human colonic cell proliferation, 530

Proliferation cell nuclear antigen, Correlation of PCNA with bromodeoxyuridine: correspondence, 717

Propantheline, Pharmacological modulation of gastric emptying rate of solids as measured by the carbon labelled octanoic acid breath test: influence of erythromycin and propantheline, 333: correction, 866

Prostaglandins

Inflammatory mediators in the oesophagus: leading article, 297

Tumour necrosis factor α changes porcine intestinal ion transport through a paracrine mechanism involving prostaglandins, 934

Prostaglandin E2, Patients with adenomatous polyps and carcinomas have increased colonic mucosal prostaglandin E_2 , 675

Protein losing hypertrophic gastropathy, Healing of protein losing hypertrophic gastropathy by eradication of Helicobacter pylori - Is Helicobacter pylori a pathogenic factor in Ménétrier's disease?, 701

Pseudocysts, Natural course of operated pseudocysts in chronic pancreatitis, 1479

Pylorus preserving pancreatoduodenectomy, Plasma gastric and CCK response after pylorus preserving pancreatoduodenectomy with Billroth II reconstruction and defunctioned Roux loop pancreaticojejunostomy, A576

Quarternary ammonium compound, Effect of the quarternary ammonium compound trospium chloride on 24 hour jejunal motility in healthy subjects, 27

R1-R2 gastrectomy, Short term morbidity and mortality in the Dutch R1-R2 trial, A1681

R1 versus R2 gastrectomy, 'Curative' gastrectomy from gastric carcinoma - R1 versus R2, A1681

Ranitidine

Effect of ranitidine on basal and bicarbonate enhanced intragastric

PCO₂: a tonometric study, **737**Omeprazole *v* ranitidine for prevention of relapse in reflux oesophagitis, **590**

Ras, Comparative clinicopathological and immunohistochemical study of ras and p53 in flat and polypoid type colorectal tumours, 1258

Rebamipide, Rebamipide, a novel antiulcer agent, attenuates Helicobacter pylori induced gastric mucosal cell injury associated with neutrophil derived oxidants, 1375

Rebleeding, Clinical courses and predictors for rebleeding in patients with peptic ulcers and non-bleeding visible vessels, 1389

Rectum, rectal

Calcipotriol inhibits rectal epithelial cell proliferation in ulcerative proctocolitis, 1718

Divergent effects of epidermal growth factor and calcipotriol on human rectal cell proliferation, 1742

Effect of nicotine on rectal mucus and mucosal eicosanoids, 247

Enhancement of ethanol induced rectal mucosal hyper regeneration with age in F344 rats, 1102

In vitro acetaldehyde formation by human colonic bacteria, 1271 Lower gastrointestinal malignancy in Crohn's disease, 347

Screening for hereditary bowel cancer in New Zealand, 1328 Reflux oesophagitis

Oesophageal motility and gastro-oesophageal reflux before and after healing of reflux oesophagitis. A study using 24 hour ambulatory pH and pressure monitoring, 1519

Omeprazole v ranitidine for prevention of relapse in reflux oesophagitis, 590

Renal failure, Origin and development of exocrine pancreatic insufficiency in experimental renal failure, 401: correspondence, 1772

Reperfusion, Release of vasodilator, but not vasoconstrictor, neuropeptides and of enteroglucagon by intestinal ischaemia/reperfusion in the rat, 1701

Restorative proctocolectomy

Longterm appraisal of the histological appearances of the ileal reservoir mucosa after restorative proctocolectomy for ulcerative colitis, 1721

Surgery for ulcerative colitis in the era of the pouch: The St Mark's Hospital experience, 1076

The first 10 years' experience of restorative proctocolectomy for ulcerative colitis, 1070

Review editor's note, 732

Rhabdomyosarcoma, Adult rhabdomyosarcoma of the gall bladder, 854 Rim calcification, Rim calcification in primary liver cell carcinoma mimicking hydatid disease, 567

Salicylates, New salicylates as maintenance treatment in ulcerative colitis: leading article, 1155

Salmonella typhi, Salmonella typhi and other salmonellas: leading article, 726

Salmonellosis, Tumour necrosis factor and platelet activating factor in stool during salmonellosis: correspondence, 287

Satiation, Effect of a low dose of intraduodenal fat on satiety in humans: studies using the type A cholecystokinin receptor antagonist loxiglumide, 501

Schistosomiasis, Gastrointestinal manifestations of schistosomiasis: leading article, 1334

Sclerosant injection, Distal biliary stricture as a complication of sclerosant injection for bleeding duodenal ulcer, 1665

Sclerotherany

Combined (short term plus longterm) sclerotherapy v short term only sclerotherapy, 687

Intramural haematoma of the oesophagus complicating sclerotherapy for varices, 130

Longterm outcome after injection sclerotherapy for oesophageal varices in children with extrahepatic portal hypertension, 257

Respiratory function after injection sclerotherapy of oesophageal varices, 1459

Screening, Serological screening of coeliac disease: choosing the optimal procedure according to various prevalence values, 771

Secretor status, Lewis phenotype, secretor status, and coeliac disease, 769

SeHCAT, Bile acid malabsorption in Crohn's disease and indications for its assessment using SeHCAT, 90

Selectin E, E-selectin in acute pancreatitis, A574

Shigella, The shigella paradigm and colitis due to enterohaemorrhagic Escherichia coli: leading article, 872

Shigellosis, Enteric protein loss and intestinal permeability changes in children during acute shigellosis and after recovery: effect of zinc supplementation, 1707

Short gastric arteries, Avulsion of short gastric arteries caused by vomiting, 1137

Shunts, Transjugular intrahepatic portosystemic stent shunts: leading article, 445

Sleep, Sleep and duodenal motor activity in patients with severe nonulcer dyspepsia, 916

Small intestine

Ambulatory small intestinal motility in diarrhoea predominant irritable bowel syndrome, 203

ß adrenergic modulation of human upper intestinal propulsive forces,

Cholesterol synthesis and high density lipoprotein uptake are regulated independently in rat small intestinal epithelium, 343

Effect of dietary nucleotides on small intestinal repair after diarrhoea, 926

Enteral nutrition and the small intestine, 1765

Functional aspects of small bowel transplantation: past, present, and future: leading article, 1338

Gastrointestinal adaptation to enhanced small intestinal lipid exposure, 1409

Human small intestinal contractions and aboral traction forces during fasting and after feeding, 625

5-Hydroxytryptamine and human small intestinal motility: effect of inhibiting 5-hydroxytryptamine reuptake, 496

Parasitic infections of the small intestine: leading article, 289

Phytase activity in the human and rat small intestine, 1233

Relationship of small bowel motility to ileoanal reservoir function, 523 Response of the human intestine to high volume infusion, 641

Short term effects of indomethacin on rat small intestinal permeability. Role of eicosanoids and platelet activating factor, 490 Smoking

Cigarette smoking and parity as risk factors for the development of symptomatic gall bladder disease in women: results of the Royal College of General Practitioners' oral contraception study, 107: correspondence, 1152, 1506

Smoking, alcohol, and analgesics in dyspepsia and among dyspepsia subgroups, 619

Socioeconomic status, Importance of childhood socioeconomic status on the current prevalence of *Helicobacter pylori* infection, 742

Somatostatin, Gastrin and somatostatin in *Helicobacter pylori* infected antral mucosa, 615

Sphincter of Oddi dysfunction, Intrasphincteric injection of botulinum toxin for suspected sphincter of Oddi dysfunction, 1319

Sphincteroplasty, Endoscopic sphincteroplasty: a novel and safe alternative to papillotomy in the management of bile duct stones, 127: correspondence, 1010

Spontaneous bacterial peritonitis, Spontaneous bacterial peritonitis in cystic fibrosis, 709

Staff, Clinical training - back to the future: personal viewpoint, 1008 Stents

Management of common bile duct stricture caused by chronic pancreatitis with metal mesh self expandable stents, 122

Symptom relief and quality of life after stenting for malignant bile duct obstruction. 467

Transjugular intrahepatic portosystemic stent shunts: leading article, 445

Steroids, Multifocal osteonecrosis related to steroid treatment in a patient with ulcerative colitis, 132

Stomach to caecum transit time, Gastrointestinal adaptation to enhanced small intestinal lipid exposure, 1409

Stone, Relief of heterogeneous symptoms after successful gall bladder stone lithotripsy and complete stone disappearance, 819

Strongyloides stercoralis, Biliary obstruction resulting from Strongyloides stercoralis infection, 705

Strongyloidiasis

Interrelation of strongyloidiasis and tuberculosis, 1001

Strongyloidiasis: a conundrum for gastroenterologists: leading article, 437: correspondence, 1772

Sucralfate, Effect of omeprazole and sucralfate on prepyloric gastric ulcer, 837

Sulphasalazine

Low prevalence of *Helicobacter pylori* in inflammatory bowel disease: association with sulphasalazine, 1385

New salicylates as maintenance treatment in ulcerative colitis: *leading* article, 1155

Sulphate reducing bacteria, Methanogens outcompete sulphate reducing bacteria for H₂ in the human colon, 1098

Superior mesenteric artery blood flow, Superior mesenteric artery blood flow and gastric emptying in humans and the differential effects of high fat and high carbohydrate meals, 186

Superoxide anion, Location of superoxide anion in the human colonic mucosa: correspondence, 284

Surgery, Training for digestive surgery: personal viewpoint, 1007

Sydney classification, Histological assessment of the Sydney classification of endoscopic gastritis, 1172

Systemic lupus erythematosus, Gastric outlet obstruction as a presenting manifestation of systemic lupus erythematosus, 841

Systemic sclerosis

Oesophageal acid clearance: correspondence, 714

Progressive systemic sclerosis of the internal anal sphincter leading to passive faecal incontinence, 857

T lymphocytes

Deficient interleukin 2 dependent proliferation pathway in T lymphocytes from active and inactive ulcerative colitis patients, 955

Depressed T cell reactivity to recall antigens in Crohn's disease before and after surgical resection, 1728

Gastric T lymphocyte responses to *Helicobacter pylori* in patients with *H. pylori* colonisation, **1379**

Intestinal antibody pattern of coeliac disease, 476

Tablet versus capsule formulations, Impaired oesophageal transit of capsule versus tablet formulations in the elderly, 1363

Technetium-99m albumin scintigraphy, Eosinophilic enterocolitis diagnosed by means of technetium-99m albumin scintigraphy and treated with budesonide (CIR), 1490

Tempol, A novel antiulcerogenic stable radical prevents gastric mucosal lesions in rats. 1181

lesions in rats, 1181

Thioacetamide, Synaptosomal glutamate transport in thioacetamide induced hepatic encephalopathy in rats, A719

Threadworm, Enterobius vermicularis infection: leading article, 1159

Thrombin, Thrombin - an effective treatment for gastric variceal haemorrhage, 1287

Thymectomy, Crohn's disease and myasthenia gravis: a possible role for thymectomy, 278

Thyroid disease, Coeliac disease and autoimmune thyroid disease, 844
Tissue culture, Tissue culture of epithelium derived from Barrett's
oesophagus, 879

Tissue factor, Tissue factor is responsible for the procoagulant activity of human pancreatic carcinoma, **A576**

Toxic megacolon, The knee-elbow position relieves distension: *correspondence*, 1150

Toxigenic diarrhoea, Cholera and severe toxigenic diarrhoeas: leading article, 145

Training, Specialist training in gastroenterology in the European Community: the case for European Boards, 135

Transforming growth factor α

Chronic pancreatitis is associated with increased concentrations of epidermal growth factor receptor, transforming growth factor α , and phospholipase Cy, 1468

Expression of growth factors in precursor lesions to gastric carcinoma,

Expression of transforming growth factor α in experimental gastric carcinogenesis, 604

Immunoelectron microscopic localisation of transforming growth factor α in rat colon, 1086

Transforming growth factor β, Differential effect of transforming growth factor β on expression of 6·3 and 1·5 Kb hepatocyte growth factor mRNA transcripts in MRC-5 cells, A720

Transin release, Transin release by rat lipocytes in primary culture, A721

Transjugular intrahepatic portosystemic stent shunts

Transjugular intrahepatic portosystemic shunts (TIPSS): results at two years, A720

Transjugular intrahepatic portosystemic stent shunts: *leading article*, 445

Travellers' diarrhoea, Travellers' diarrhoea: leading article, 1

Trinitrobenzenesulphonic acid, Role of intestinal microflora in chronic inflammation and ulceration of the rat colon, 1090

Tropical gastroenterology, Paediatric problems in tropical gastroenterology: leading article, 1687

Tropisetron, Failure of tropisetron to inhibit jejunal water and electrolyte secretion induced by 5-hydroxytryptamine in healthy volunteers, 637

Trospium chloride, Effect of the quarternary ammonium compound trospium chloride on 24 hour jejunal motility in healthy subjects, 27

Trypsinogen activation peptides, Trypsinogen activation peptides (TAP) concentrations in the peritoneal fluid of patients with acute pancreatitis and their relation to the presence of histologically confirmed pancreatic necrosis, 1311

Tuberculosis

Controlled trial of anti-tuberculous chemotherapy for two years in Crohn's disease, 363

Interrelation of strongyloidiasis and tuberculosis, 1001

Tumour infiltrating lymphocytes, Human colorectal tumour infiltrating lymphocytes express activation markers and the CD45RO molecule, showing a primed population of lymphocytes in the tumour area, 382, correction, 866

tumour area, 382, correction, 866

Tumour necrosis, Palliation of malignant dysphagia by ethanol induced tumour necrosis, 299

Tumour necrosis factor

Biphasic tumour necrosis factor release in experimental acute pancreatitis, A575

Demonstration of tumour necrosis factor in pancreatic acinar cells by in situ hybridisation in a model of acute pancreatitis, A575

Tumour necrosis factor and endotoxin synergistically activate intestinal phospholipase A, in mice. Role of endogenous platelet activating factor and effect of exogenous platelet activating factor, 215

Tumour necrosis factor and platelet activating factor in stool during salmonellosis: correspondence, 287

Tumour necrosis factor α

Pentoxifylline prevents indomethacin induced acute gastric mucosal damage in rats: role of tumour necrosis factor alpha, 909

Raised pro-inflammatory cytokines, interleukin 6 and tumour necrosis factor α in coeliac disease mucosa detected by immunohistochemistry, 1398

Tumour necrosis factor α changes porcine intestinal ion transport through a paracrine mechanism involving prostaglandins, 934

Tumour necrosis factor α in inflammatory bowel disease: correspondence, 715

Typhoid fever, Salmonella typhi and other salmonellas: leading article, 726

Ulcerative colitis

Butyrate oxidation is impaired in the colonic mucosa of sufferers of quiescent ulcerative colitis, 73

Cancer surveillance in ulcerative colitis – a time for reappraisal: leading article, 587

Circulating immunoglobulin G1 antibody in patients with ulcerative colitis against the colonic epithelial protein detected by a novel monoclonal antibody, 1712

Clinicopathological characteristics of colorectal carcinoma complicating ulcerative colitis, 1419

Colonoscopic surveillance in ulcerative colitis: correspondence, 429

'Conversion' from ulcerative colitis to Crohn's disease associated with corticosteroid treatment, 1141

Deficient interleukin 2 dependent proliferation pathway in T lymphocytes from active and inactive ulcerative colitis patients, 955

Ileal and colonic epithelial metabolism in quiescent ulcerative colitis: correspondence, 1152

Ileitis after colectomy for ulcerative colitis or carcinoma, 373

Incidence of inflammatory bowel disease in north west Greece: rarity of Crohn's disease in an area where ulcerative colitis is common, 369 Increased group II phospholipase A₂ in colonic mucosa of patients with Crohn's disease and ulcerative colitis, 1593

Increased leukotriene B₄ release from ileal pouch mucosa in ulcerative colitis compared with familial adenomatous polyposis, 1429

Intestinal permeability in patients with Crohn's disease and ulcerative colitis and their first degree relatives, 68: correspondence, 1675

Liver disease in ulcerative colitis: an epidemiological and follow up study in the county of Stockholm, 84

Longterm appraisal of the histological appearances of the ileal reservoir mucosa after restorative proctocolectomy for ulcerative colitis, 1721

Multifocal osteonecrosis related to steroid treatment in a patient with ulcerative colitis, 132

New salicylates as maintenance treatment in ulcerative colitis: *leading* article, 1155

Optimum dose of olsalazine for maintaining remission in ulcerative colitis, 1282

Similarity of colorectal cancer in Crohn's disease and ulcerative colitis, 950

Surgery for ulcerative colitis in the era of the pouch: The St Mark's Hospital experience, 1076

The first 10 years' experience of restorative proctocolectomy for ulcerative colitis, 1070

Ulcerative colitis and Crohn's disease: a comparison of the colorectal cancer risk in extensive colitis, 1590

Ulcerative colitis in a husband and wife, 562

Unusual pulmonary complication of ulcerative colitis with a rapid response to corticosteroids, 847

Utility of surveillance colonoscopy in ulcerative colitis: correspondence, 863

Ulcerative proctocolitis, Calcipotriol inhibits rectal epithelial cell proliferation in ulcerative proctocolitis, 1718

United Kingdom, Digestive surgery is a stillborn specialty in the United Kingdom: personal viewpoint, 1673

Upper gastrointestinal endoscopy, Appropriate use of upper gastrointestinal endoscopy – a prospective audit, 1209

Upper gastrointestinal tract, Localisation of neuroendocrine tumours of the upper gastrointestinal tract, 471

Urea breath test, The urea breath test for Helicobacter pylori: leading article, 723

Urokinase, Secretion of urokinase and plasminogen activator inhibitor-1 by normal colonic epithelium in vitro, **969**

Ursodeoxycholic acid

Gall stone pulverisation strategy in patients treated with extracorporeal lithotripsy and follow up results of maintenance treatment with ursodeoxycholic acid, 117

Prevention of biliary stent occlusion using cyclical antibiotics and ursodeoxycholic acid, 1757

Vagotomy, Gastric cancer risk after vagotomy, 946

Variceal haemorrhage, Thrombin – an effective treatment for gastric variceal haemorrhage, 1287

Viruses, Viruses and hepatocellular carcinoma, 828

Vitamin D receptor, Localisation of vitamin D receptor in normal human duodenum and in patients with coeliac disease, 1219

Vitamin E deficiency, Lipid peroxidation and electrogenic ion transport in the jejunum of the vitamin E deficient rat, 34

Vomiting, Avulsion of short gastric arteries caused by vomiting, 1137

Watermelon stomach, Endoscopic laser treatment of diffuse gastric antral vascular ectasia, 461

Wilson's disease, Fulminant hepatic failure resulting from coexistent Wilson's disease and hepatitis E, 849

Zinc, Enteric protein loss and intestinal permeability changes in children during acute shigellosis and after recovery: effect of zinc supplementation, 1707

Zollinger-Ellison syndrome, Argyrophil cell hyperplasia and a carcinoid tumour in the stomach of a patient with sporadic Zollinger-Ellison syndrome, 275

1796 Gut 1994; 35: 1796–1799

AUTHOR INDEX – SUPPLEMENTS, 1994

Abercrombie JF, \$5.31, \$5.65
Abrams K, \$2.30
Adam A, \$5.14
Adam DJ, \$5.8
Adams W, \$2.46
Adams W, \$2.46
Adams W, \$2.16
Ahmed HA, \$2.20, \$5.17, \$5.18
Ahmed S, \$2.46
Ainley C, \$2.34, \$2.46, \$5.18, \$5.51, \$5.61
Al-Bloushi S, \$2.11
Alani S, \$2.21, \$5.511, \$5.30
Alderson D, \$2.5, \$2.22, \$2.23, \$5.8, \$5.38
Alexander B, \$2.9, \$5.9
Allan RN, \$2.42, \$2.43, \$5.29
Allan A, \$5.43
Allen-Mersh TG, \$2.30
Allison MC, \$5.35
Alstead EM, \$2.55, \$5.40, \$5.41, \$5.51, \$5.59, \$5.76
Altare F, \$5.18
Altendorf-Hofmann A, \$5.67
Amarri S, \$5.34
Anand P, \$2.28
Anderson AP, \$2.25
Anderson JT, \$2.45, \$5.14, \$5.78
Anderson NH, \$5.63
Andre EA, \$2.52, \$5.70
Andreu AL, \$1.39
Ang L, \$5.5
Angerson WJ, \$5.21
Anggiansah A, \$2.7, \$5.7, \$5.13
Anthony A, \$2.38, \$2.43, \$2.50, \$5.44
Appeled MJ, \$2.14
Appeled MJ, \$2.15
Armstrong G, \$2.37
Armstrong G, \$2.37
Armstrong JG, \$2.31
Arnold MM, \$2.8, \$2.17
Arthur G, \$5.40
Arthur MJP, \$2.19, \$5.1
Ashard W, \$5.65
Ashworth HM, \$5.15
Askew JN, \$5.46
Austin CA, \$5.53
Auwerda JJA, \$2.61
Axon ATR, \$2.4, \$2.19, \$2.33, \$2.34, \$2.62, \$5.3, \$5.16, \$5.38
Ayliss U, \$5.37
Ayres R, \$5.29
Ayres RCS, \$2.43, \$5.2
Aziz O, \$2.21, \$5.65, \$5.11, \$5.30
Azzarone P, \$5.18

Azizone P, S5.18

Badia JM, S5.46
Baeten CGMI, S2.31
Bahl A, S2.38
Baire-Kustermann W, S5.46
Baker A, S2.21
Baker EH, S2.61
Balai V, S2.61
Balai W, S2.61
Balai W, S2.61
Balai W, S2.61
Balinger AB, S2.57, S5.51, S5.76
Bancewicz J, S2.44, S5.6, S5.8, S5.27
Baneripe AK, S2.14
Baneripe S, S2.4, S2.35, S2.36
Barbara L, S2.34, S2.44, S5.18
Barbara R, S2.37
Bardhan KD, S2.16, S2.17, S2.45, S5.12
Barham CP, S2.5
Baris G, S2.7
Barlow J, S2.21, S2.24, S5.6, S5.11, S5.27, S5.30
Barlow JD, S2.21, S2.24, S5.32
Barnes E, S5.51
Baron JH, S5.3, S5.15, S5.49
Barre H, S5.7
Barrison IG, S5.59
Barry K, S5.76
Barry KE, S2.32
Barlett DW, S5.7
Bartoli R, S5.22
Bartet DW, S5.7
Bartoli R, S5.22
Bartan C, S2.7, S2.62
Bassi C, S3.20
Basso L, S5.44, S5.65
Barton S, S5.33
Bateson MC, S2.20, S5.74, S5.75
Battaglia G, S2.63, S5.16
Bauer C, S5.46
Baxer JN, S2.62
Basse JL, S5.45
Beates JL, S5.45
Beates JL, S5.45
Beates JL, S5.33
Beateson MC, S2.20, S5.74, S5.70
Beath SV, S5.33
Beattie AD, S2.25, S5.52
Beattie S, S2.33
Beattie AD, S2.35, S5.55
Beattie S, S2.35
Beattie S, S2.35
Beattie AD, S2.35, S5.55
Beattie AD, S2.25, S5.25
Beattie S, S2.35
Beattie AD, S2.35, S5.55
Beattie AD, S2.25, S5.25
Beattie AD, S2.35, S5.55
Beattie AD, S2.25, S5.25
Beattie AD, S2.25, S5.25
Beattie AD, S2.35, S5.55
Beattie AD, S2.35, S5.55
Beattie AD, S2.35, S5.55
Beattie AD, S2.35, S5.55
Beattie AD, S2.25, S5.25
Beattie AD, S2.35, S5.55

Benini L., S5.12, S5.13, S5.19, S5.48, S5.55
Benjamin IS, S2.9, S5.9
Bennett DA, S5.63
Bennett DH, S5.32, S5.33
Bennett DH, S5.32, S5.33
Benson MJ, S5.61
Benson P, S5.75
Beresford J, S2.16, S2.17
Bessell E, S2.1
Bethke Th, S2.63
Bewick E, S5.51, S5.52
Bhalla AK, S5.5
Bhargava A, S5.69
Bhatnagar V, S2.21
Bianchi Porro G, S2.44
Biasco G, S5.18
Bibby M, S5.63
Biemond I, S2.14
Bigneri S, S2.63
Billington D, S2.13
Binder M, S3.15
Bird GLA, S2.19, S2.56
Bishop AE, S2.37, S5.71
Biarnason I, S1.18
Blackman GM, S2.39
Bladen JS, S2.25
Blake DR, S2.50, S5.29
Blazeby JM, S5.8
Blijham GH, S2.31
Bloget F, S5.47
Blower AL, S2.45
Bodmer M, S2.50
Boermeester MA, S1.28
Boirivant M, S5.45, S5.46
Bond A, S2.3
Bonfils S, S7.72
Boot H, S2.7, S2.39
Boot-Handford RP, S2.61
Booth IW, S1.69, S5.33
Borrial DS, S5.36
Borriello SP, S5.38
Borst P, S5.9
Bortolato L, S5.69
Boschini A, S2.34
Bosman FT, S2.6
Bostock K, S5.63
Boswell AM, S5.80
Bouault JM, S5.44
Bouchier IAD, S2.10, S2.11, S5.23, S5.66, S5.68
Boulougouris P, S5.63
Bouloun R, S5.59, S5.79
Brading AF, S5.31
Bradley NJ, S5.43, S5.69
Brandt de Oliveira R, S5.61
Brentegani MT, S5.79
Brading AF, S5.31
Brooks A, S2.35
Brigh N, S2.7, S5.7, S5.13
Brooks A, S2.54
Brown CD, S5.60
Brown TH, S5.8
Brows DJ, S2.9
Brunetti G, S2.44
Brunt PW, S2.39
Burchett G, S2.44
Brunt PW, S2.59
Burchett G, S2.45
Brown TH, S5.8
Brows DJ, S2.9
Brunetti G, S2.44
Brunt PW, S2.55
Bright N, S2.7, S5.75, S5.77
Butcher GP, S5.55
Bright N, S2.75
Bright N, S

Bzeizi KI, \$2.10, \$5.70

Cabré E, \$1.55
Cahill RI, \$2.33
Cairns S, \$5.75
Calam J, \$2.4, \$2.18. \$5.1, \$5.18, \$5.45, \$5.67
Caliari S, \$5.13
Callanan M, \$2.53
Callander N, \$2.23
Calnan D, \$5.69, \$5.74
Cambridge G, \$2.42
Cameron EWJ, \$5.8
Camilleri M, \$5.56, \$5.62
Camm AJ, \$2.64
Campbell FC, \$2.29, \$2.46, \$2.51
Cann PA, \$5.78
Canva JY, \$5.77
Cardin R, \$5.50
Carê M, \$5.22
Carey C, \$2.54
Carlisle K, \$5.77
Cardin R, \$5.50
Carê M, \$5.22
Carey C, \$2.54
Carlisle K, \$5.77
Cardin R, \$5.50
Care M, \$5.57
Cardin R, \$5.50
Care M, \$5.57
Cardin R, \$5.50
Care M, \$5.57
Cardin R, \$5.50
Care M, \$5.57
Carnochan F, \$5.80
Carpani de Kaski MS, \$5.19
Carpinlelli L, \$5.80

Carpintero P, S5.17
Carrié A-L, S1.13
Carter DC, \$5.8, \$5.10, \$5.21, \$5.39, \$5.45, \$5.66, \$5.73
Cartmill M, \$5.32
Casiraghi C, \$5.19
Casiraghi MC, \$5.55
Castellani G, \$5.12, \$5.13, \$5.19, \$5.48, \$5.55
Castellani G, \$5.12
Cecchetti L, \$5.4
Cedrone C, \$5.22
Ceselli S, \$5.60
Cevallos AM, \$2.49, \$5.40, \$5.41
Chadwick N, \$5.41
Chahal H, \$2.42
Chakravarty A, \$5.68
Chalmers AG, \$2.15
Chan M, \$2.58
Chandrakumaran K, \$2.18
Chapman RW, \$2.10, \$2.20
Charig JA, \$2.61
Charnley RM, \$5.67
Cherian P, \$5.12
Cherukuri AK, \$2.41, \$2.54
Chin JKT, \$2.12
Choudar CP, \$2.38, \$5.26, \$5.36
Christie J, \$2.24, \$5.15
Chua A, \$2.35
Ciclitra PJ, \$2.29, \$2.40, \$2.54, \$5.21
Cipriano J, \$5.58
Clague M, \$5.15
Clamp S, \$2.58
Clark ML, \$2.57, \$5.76
Clarke AMT, \$2.41
Cole AT, \$2.49, \$5.45
Codini JSA, \$5.31
Colinis JSA, \$5.34
Colonbel JF, \$5.45
Colonbel JF, \$5.45
Colonbel JF, \$5.45
Colonbel JF, \$5.45
Cooper PJ, \$5.29
Cooper PJ, \$5.29
Cooper BT, \$2.28, \$5.20
Cooper BT, \$2.28, \$5.50
Cooper BT, \$2.28, \$5.50
Corrot A, \$5.48
Cortel R, \$5.58
Cortel R, \$5.48
Cortel R, \$5.48
Cortel R, \$5.49
Cortel R, \$5.40
Cortel R, \$5.47
Cortel R, \$5.57
Creption P, \$5.58
Cortel R, \$5.47
Cortel R, \$5.57
Creption P, \$

da Silva RCMA, S2.12
Dailianas A, S2.26
Dal Bo' N, S2.18, S2.63, S5.16
D'Amato G, S5.22
Danesh BJ, S2.56
Daniels S, S2.42
Darbyshire PJ, S5.33
D'Arrigo C, S2.31
Dashwood MR, S2.50
Davey N, S5.45
Davidson B, S2.55, S5.45
Davidson BR, S2.55, S5.69
Davies DR, S2.31
Davies DR, S2.31
Davies DR, S2.31
Davies N, S2.41
Davies N, S2.12
Davies N, S2.13
Davies N, S2.14
Davies MH, S2.12
Davies M, S5.15
Dawkes R, S5.70
Dawson B, S5.12
Dav P, S5.21
de Beaux AC, S5.45
de Belder A, S2.40
De Bona M, S2.36
De Boni M, S2.36
De Boni M, S2.36
De Boni M, S2.36
De Giocchis A, S5.21
de Graaf EJR, S2.7
De Maria N, S5.72
De Vincenzi M, S5.45, S5.46
Debinski HS, S2.46, S2.54, S5.40, S5.63
Debnam ES, S2.52, S5.21

deDombal FT, \$2.58
Dehn TCB, \$5.75
Deitch EA, \$1.23
Del Bianco T, \$2.18, \$2.63, \$5.16
del Pozo A, \$5.52
Delicata R, \$2.14
Deligiannis E, \$5.26
Della Libera G, \$5.50, \$5.72
Deprez P, \$5.67
Desai DC, \$5.39
Deschamps V, \$5.72
Desmond PV, \$2.58
Desremaux P, \$5.47
Devlin HB, \$5.47
Devlin HB, \$5.47
Dewlin HB, \$5.45
Dhillon AP, \$2.38, \$2.43, \$5.41, \$5.44
Di Bella F, \$5.44
Di Bella F, \$5.44
Di Giovambattista F, \$5.21, \$5.22, \$5.45, \$5.46
di Giovine FS, \$2.41
Di Mario F, \$5.16, \$5.50
Di Sario A, \$5.4
Dias JA, \$2.52
Dick R, \$2.12
Dickey W, \$5.4
Diffey BL, \$5.75
Diffancesco V, \$5.12
Dillawari JB, \$5.68
Dilkes M, \$5.52
Dillon JF, \$2.10, \$2.11, \$5.68, \$5.69
Dilkario F, \$2.63
Dingemans KP, \$5.9
Dix T, \$5.7
Dix On MF, \$2.4, \$2.33, \$2.34
Dobson H, \$2.31
Dodds SR, \$2.27
Doel C, \$5.59
Doglioni C, \$2.36
Donnellan I, \$5.36
Donnelly MT, \$5.4, \$5.6
Donnelly MT, \$5.5, \$5.10
Double J, \$5.63
Double J, \$5.6

Eao J, S5.53
Earlam S, S2.30
Earle P, S5.41
Easton D, S2.48, S5.30
Eastwood MA, S5.16, S5.77
Edwards RHT, S2.13
Eggo MC, S2.2
El-Omar E, S2.4, S2.32, S2.35, S2.36, S5.2
Elder JB, S5.63
Elferink RPJO, S5.9
Elias E, S2.12
Eliiot LJ, S5.32
Eliib HJ, S5.21
Elliot PK, S2.56
Ellui J, S5.34
Elsby B, S5.80
Elten RA, S2.44
Emmanuel AV, S5.59
Engel SE GJB, S2.31
Ensari A, S2.29
Engels LGJB, S2.31
Ensari A, S2.29
Entwistle N, S5.47
Epstein O, S2.52, S5.21, S5.76
Evans A, S5.4
Evans D, S2.46
Evans DGR, S2.31
Evans GS, S2.28, S2.23, S2.40, S2.46, S5.6, S5.7, S5.12, S5.55, S5.61
Evans DGR, S2.31
Evans GR, S2.29
Evans JMM, S5.49
Evans TJ, S5.34
Evers TJ, S5.34
Evers TJ, S5.34
Evers TJ, S5.35

Facer P, S2.37, S5.71
Fairclough PD, S5.51, S5.54, S5.76
Fais S, S5.46
Faico F, S5.22
Falconer JS, S5.73
Falconi M, S3.20
Fan XG, S2.35
Fan XJ, S2.35
Farn XJ, S2.35
Farnery SM, S2.3, S2.34
Farndon JR, S5.8
Farouk R, S2.47, S5.48
Farouk R, S2.47, S5.48
Farrant JM, S5.29, S5.51
Farrell R, S2.54
Farriol M, S1.39

Farthing MJG, S2.29, S2.30, S2.47, S2.49, S2.51, S2.52, S2.53, S2.57, S3.5, S5.37, S5.40, S5.41, S5.54, S5.57, S5.59, S5.70, S5.71, S5.76
Fawcett H, S5.52
Fearon KCH, S5.10, S5.39, S5.45, S5.73
Fell G, S2.26
Ferluson RJF, S2.28
Fenn GC, S2.45
Ferguson A, S1.10, S2.59, S5.16, S5.43, S5.77, S5.78
Ferrainde-Bañares F, S1.55
Ferrana M, S2.18, S2.63, S5.16
Ferrari M, S5.12
Ferwerde ChC, S1.28
Festen HPM, S2.7
Fidler H, S2.42
Fielding JF, S2.11
Filipowicz B, S5.71
Finan PJ, S2.60
Finch MD, S5.34
Finlay IG, S2.62, S5.57, S5.64
Finlayson NDC, S5.11, S5.24
Finnie IA, S5.50
Fioretta A, S5.13, S5.55
Fleming KA, S2.10, S2.20
Forbes A, S5.28
Ford D, S2.48, S5.30
Ford MJ, S5.56, S5.62
Ford D, S2.48, S5.30
Ford MJ, S5.56, S5.62
Fordy C, S2.30
Foreman D, S2.48
Formela L, S5.35
Forrest EH, S5.9, S5.23
Forrest JAH, S2.56
Foster J, S5.55
Foulkes R, S2.50
Frame D, S2.19
Francis CY, S5.57
Franks CM, S5.54
Fraser I, S5.36
Frayling I, S2.31
Freeman A, S2.46
Freeman JG, S2.24
Friess H, S3.15
Frizziero L, S2.24
Friesz H, S3.15
Frizziero L, S2.24
Friexen A, S2.29
Fukumoto M, S2.39
Fukunaga Y, S2.44, S5.27
Furlong P, S2.21

Gaetini A, S5.44
Gagliardi G, S2.2
Gallioway D, S2.32
Galloway D, S2.32
Galloway SW, S5.35
Gallivan S, S5.99
Galloway D, S2.32
Galloway SW, S5.35
Galvin A, S2.49, S5.42, S5.47
Gant P, S5.16
Garcia-Arumi E, S1.39
Garden OJ, S5.11, S5.25, S5.34, S5.66
Gardner Q, S5.52
Garipoli V, S5.45, S5.46
Garland CJ, S5.61
Garlick N, S2.49
Garlick NN, S2.49
Garlick NN, S2.49
Garlick NN, S5.42, S5.47
Gasbarrini G, S5.4, S5.22
Gassull MA, S1.55
Gazzard B, S5.40
Gazzard BG, S5.26
Gearty J, S2.18
Gearty JC, S2.28
Gedling P, S2.20
Gehenot M, S5.72
Germell CG, S2.35, S2.36, S5.37
Geraedts AAM, S2.7
Geraedts AAM, S2.7
Geraghty JG, S5.21
Gerskowitch VP, S5.73
Geypens B, S5.29
Ghosh S, S2.99
Ghosh S, S2.99
Ghosh S, S2.99
Gibos T, S2.36
Gillen CD, S2.35
Gillen CD, S2.35
Gillen CD, S2.35
Gillen CD, S2.36
Gillen CD, S2.36
Gillen CD, S2.36
Glodard S, S2.19
Goddard R, S2.40
Gompirch S5.55
Goldberg PA, S2.40
Gompirch S5.59
Gooday R, S5.9
Goodard RA, S1.1
Goodman MJ, S2.37
Gorard DA, S2.47, S5.57
Gorer Goudie BM, S5.58, S5.78
Gough AL, S5.58
Gould J, S5.25
Gourlay R, S2.15
Goudard R, S2.16
Graham M, S2.20
Graham I, S2.51
Gray T, S5.38
Graves RRSH, S5.59

Greco M, S5.21, S5.22, S5.45, S5.46 Greenslade L, S2.12 Greig JD, S5.21, S5.26, S5.34, S5.66 Griffin EM, S5.58 Griffin SM, S5.14 Griffiths RD, S2.13 Grimble GK, S1.V, S1.46 Grime SJ, S2.13 Groen BK, S5.9 Grundman MJ, S5.4 Gummett PA, S5.15, S5.49 Gupta S, S6.61 Gupta S, S6.61 Gustandi M, S5.44 Guthrie C, S5.66 Guy SP, S2.31 Guz A, S2.9

Haak HR, \$2.12
Hadleigh J, \$5.52
Haglund U, \$1.73
Hale T, \$5.70
Hale TL, \$5.70
Hale TL, \$5.70
Hale TL, \$5.71
Hallett MB, \$5.64, \$5.72
Halliday D, \$2.63, \$5.17
Halligan S, \$2.39, \$2.62
Hallissey M, \$5.36
Hamdy S, \$5.11, \$5.30
Hamer-Hodges DW, \$2.55
Hamid BNA, \$2.17
Hamilton H, \$2.33
Hamilton M, \$5.77
Hamilton MI, \$5.43
Hammond S, \$5.54
Hanby AM, \$5.53, \$6.60
Handy LM, \$5.43
Hanson PJV, \$2.37
Hardastle JJ, \$5.54, \$5.55
Harding LF, \$5.54, \$5.55
Harding LF, \$5.54, \$5.55
Harding LK, \$2.18
Harding M, \$5.34
Harding M, \$5.34
Harding M, \$5.34
Harding LK, \$2.18
Harding LK, \$2.18
Harding LK, \$2.18
Harding LK, \$2.18
Harrison DJ, \$2.11, \$5.10, \$5.24, \$5.68
Harrison G, \$5.2, \$5.16
Hart AR, \$2.59
Harvey J, \$5.78
Harvey P, \$2.46
Haffield ARW, \$5.5, \$5.47
Hawley PR, \$2.16
Hawkin P, \$2.1
Hawkin PR, \$2.1
Hawkin PR, \$2.1
Hayes N, \$5.11
Hayes N, \$5.11
Hayes N, \$5.14
Hayes PC, \$2.10, \$2.11, \$2.20, \$5.9, \$5.53, \$5.70, \$5.71
Hayley PR, \$5.16
Hawtin PR, \$5.1
Hayen N, \$5.14
Hayes PC, \$2.10, \$2.11, \$2.20, \$5.9, \$5.50, \$5.10, \$5.11, \$5.23, \$5.24, \$5.25
Hayler B, \$2.55
Hadling KC, \$2.21, \$2.27, \$5.48, \$5.56
Hayler B, \$2.55
Heading RC, \$2.21, \$2.27, \$5.48, \$5.56
Healey CJ, \$2.20
Heaton KW, \$5.5, \$5.55
Heading RC, \$2.21, \$5.20
Heeton KW, \$5.5, \$5.55
Heading RC, \$2.21, \$5.20
Heeton KW, \$5.57
Hayler B, \$2.55
Headon KW, \$5.57, \$5.64
Henderson M, \$5.77
Hepworth C, \$5.77
Hepworth C, \$5.77
Hepworth CC, \$2.28, \$5.75, \$5.80
Herszenji L, \$5.30
Heyman D, \$5.58
Hicks S, \$5.31
Holmes GKT, \$5.49
Holodsworth PJ, \$2.56, \$5.49
Holodsworth PJ, \$2.56, \$5.51, \$5.10
Holdsworth PJ, \$2.56, \$5.51, \$5.10
Holdsworth PJ, \$2.57, \$5.60
Hodgson N, \$5.57, \$5.60
Holdsworth PJ, \$2.60, \$5.51
Holom J, \$2.21
Hound MA, \$2.37
Holom J, \$2.21
Hound MA, \$2.37
Holom S, \$2.22
Houdy M, \$2.59
Holom J, \$2.24
Holdsworth PJ, \$2.56, \$5.57
Holom J, \$2.24
Holdsworth PJ, \$2.56, \$5.57
Holom J, \$2.24
Holdsworth PJ, \$2.56, \$5.57
Holom J, \$2.34, \$5.56
Holom J, \$2.34, \$5.56
Holom J, \$2.34,

Hungin APS, \$5.62 Hunt RH, \$2.8, \$5.17 Hunter JO, \$2.25, \$2.41, \$5.61, \$5.71 Huntley, \$, \$5.52 Hurst H, \$2.1 Husain A, \$2.27 Hussain A, \$5.74, \$5.79 Hussain I, \$5.40 Hussain SH, \$2.37, \$2.57 Hussein I, \$5.66 Hyde S, \$5.38 Hykin J, \$2.46

Ibbotson JP, S2.42 Iftikhar S1, S5.32 Iftikhar SY, S2.24 Ilyas M, S2.32 Inners JA, S2.9 Interisano A, S5.44 Iqbal TH, S2.28, S5.20 Iredale JP, S2.19 Irving MH, S5.32 Isaacs P, S2.26

Jabbar M, \$5.50
Jackson D, \$5.73
Jackson NA, \$5.62
Jackson NA, \$5.62
Jackson NA, \$5.62
Jackson N, \$2.4, \$2.34
Jacyna MR, \$2.24, \$2.34
Jacyna MR, \$2.214
Jalan R, \$2.14
Jalan R, \$2.14
Jalan R, \$2.10, \$5.9, \$5.11, \$5.23, \$5.24, \$5.25
Jamieson CP, \$2.60, \$5.77
Jamin A, \$5.47
Jankowski J, \$2.1, \$2.2, \$2.6
Jankowski JA, \$1.1
Jarvie DR, \$5.11
Jarvie DR, \$5.15
Jarvawi RF, \$2.20, \$2.33, \$5.10, \$5.11
Jenkins D, \$2.1, \$5.18, \$5.43, \$5.49, \$5.59
Jenkins P, \$2.27, \$5.28, \$5.29, \$5.30, \$5.57
Jenkins SA, \$5.21, \$5.28, \$5.29, \$5.30, \$5.37, \$5.42
Jinal UR, \$2.13, \$5.67
Jinal UR, \$2.13
John SP, \$2.22, \$5.7, \$5.13
Johnston DA, \$2.56
Johnston BT, \$2.22, \$5.7, \$5.13
Johnston DR, \$2.56
Jones AL, \$2.10, \$5.10, \$5.11
Jones AR, \$2.10, \$5.10
Jones AR, \$2.13, \$5.67
Jones AR, \$2.10, \$5.10
Jones AR, \$2.13, \$5.67
Jones DR, \$2.12, \$2.33, \$5.52
Jones PH, \$5.62
Jones PH, \$5.62
Jones PH, \$5.62
Jones PH, \$5.62
Jones PH, \$5.63
Jones CR, \$5.40
Joseph AEA, \$5.10
Justin TA, \$2.5, \$5.48, \$5.63, \$5.64
Kadirkamanathan \$\$, \$2.8, \$2.23, \$2.38, \$

Justin TA, \$2.5, \$5.48, \$5.63, \$5.64

Kadirkamanathan SS, \$2.8, \$2.23, \$2.38, \$2.40, \$5.6, \$5.12, \$5.80

Kaizaki S, \$2.6

Kamm AA, \$2.16, \$2.27, \$2.43, \$2.46, \$2.54, \$2.60, \$5.32, \$5.77

Kane KF, \$2.2, \$5.39

Kane SP, \$2.40

Kapur K, \$5.35

Kar P, \$5.68

Kashiwagi H, \$5.39

Katelaris PH, \$2.30, \$5.41, \$5.52

Katsogridakis J, \$5.3

Kattaa H, \$5.75

Kay CL, \$5.8

Kay E, \$2.31

Keane CT, \$2.3

Keating J, \$5.26

Kee F, \$2.22, \$5.7, \$5.13

Keeling PWN, \$2.35, \$2.41, \$2.54

Keighley MRB, \$2.42, \$5.27, \$5.28

Kellye D, \$5.33

Kelly P, \$2.27, \$2.29, \$5.37

Kelly DA, \$5.33

Kennedy C, \$2.27, \$2.29, \$5.37

Kelly BM, \$5.36

Kerr PM, \$5.61

Kershaw J, \$5.13

Kesse-Elia M, \$5.3

Kettlewell MGW, \$5.29

Keymling M, \$1.77

Khalusi S, \$5.18

Khan A, \$5.59

Khan M, \$2.41, \$2.54

Khoo DE, \$2.55

King D, \$2.16

Kingsnorth AN, \$2.22, \$5.27, \$5.55

Kingston RD, \$2.42

Kirby GA, \$2.25

Kirkland S, \$2.25

Kirkland S, \$2.25

Kirkland S, \$2.25

Kirkland S, \$2.25

Kirley R, \$5.55

Kmiot W, \$2.41

Knill-Jones R, \$5.2 Knutton S, \$5.37 Ko R, \$5.20 Kolios G, \$5.47 Kontakou M, \$2.40, \$2.54 Koorevaar M, \$2.28 Korman MG, \$5.32 Korsgen S, \$5.27 Koskinas J, \$2.19 Kosaa K, \$2.49 Kotler DP, \$5.37 Koutsomanis D, \$2.43 Kovacs TOG, \$5.18 Krishnadath KK, \$2.6 Krose ACM, \$2.12 Krukowski ZH, \$2.16 Kubben FJGM, \$2.31 Kudsk KA, \$1.52 Kulhalli V, \$2.46, \$5.61 Kurzawinski T, \$2.55 Kynaston H, \$2.13 Kyriacou E, \$2.11 Kyriakides CA, \$5.34

Lacey S, S5.19
Laine A, S5.45
Laing S, S2.42
Lam CM, S5.34
Lamers CBHW, S2.12, S2.14
Land DV, S2.9
Lane A, S2.14
Lang MW, S5.33, S5.33
Langman MJS, S2.2, S5.39
Larvin M, S2.15
Lastovica AJ, S2.17
Laszlo F, S2.52
Laterza O, S5.52
Laufer JG, S5.6, S5.80
Lecader M, S2.31
Leandro G, S2.18
Lechler R, S5.45
Lee A, S2.10, S5.68
Lee AU, S5.52
Lee F, S5.42
Lee JC, S5.30
Lee JCW, S2.42, S2.48, S2.49
Lee JC, S5.30
Lee JCW, S2.42, S2.48, S2.49
Lee P, S5.10
Less WR, S5.51
Lenon S, S2.4, S2.18, S2.54, S5.60
Leigh-Smith S, S2.30
Lennon J, S2.11, S2.23, S2.24
Lennon JR, S2.27
Lesage X, S5.44
Letiza C, S5.21
Leung ST, S2.53
Levi AJ, S2.63
Levi J, S2.44
Levi S, S2.54
Levi N, S2.53
Levi AJ, S2.63
Levi J, S2.44
Levi S, S2.54
Levi S, S2.54
Levi S, S2.54
Levi S, S2.54
Levi M, S2.61
Lewis F, S2.33
Lewis G, S5.72
Libby GW, S2.47, S2.71
Lindley JDD, S2.34
Lipscomb GR, S2.37
Lirussi F, S5.69
Little J, S2.1
Londard MG, S5.50
Lombardi M, S5.18
Long RG, S2.52, S5.65
Loft D, S5.36
Loft D, S5.36
Loft D, S5.36
Long Fellow M, S5.38
Long RG, S2.52, S5.55
Long RG, S2.52, S5.65
Loft D, S5.36
Long RG, S2.52, S5.55
London MA, S2.47
Logan RFA, S2.1, S2.30, S2.47, S5.47
Logan RFA, S2.17
Lundin KEA, S2.29
Loudo MA, S2.29
Loudo MA, S2.29
Loudo MA, S2.29
Lynch DAF, S2.41, S2.33, S2.34

Ma QY, \$2.60, \$5.63 Mac Mathuna P, \$2.11, \$2.23, \$2.24, \$2.27 McAlindon ME, \$5.70 McAnena O, \$2.8 McArdle AH, \$1.60 McCaigue M, \$5.63 McCall JL, \$2.15 McCarthy P, \$2.1 McColl KEL, \$2.4, \$2.32, \$2.35, \$2.36, \$5.2, \$5.73
McCollough JB, \$2.45
McCollum R, \$5.78
McConkey CS, \$2.73
McCormick C, \$2.33
McCormick J, \$5.76
McCormick PA, \$2.12
McCulloch J, \$5.14
McCulloch P, \$2.17
McDevitt DG, \$5.49
MacDonald TM, \$5.49, \$5.58
McDougal MI, \$2.22, \$5.7, \$5.13
McFadden JJ, \$2.42
McFarland RJ, \$2.22, \$5.7, \$5.13
McFarlane RJ, \$2.22, \$5.7, \$5.13
McFarlane RJ, \$2.22, \$5.7, \$5.13
McFarlane RJ, \$5.20, \$6.60
McGilchrist AJ, \$5.10
McGilchrist AJ, \$5.10
McGilchrist AJ, \$5.10
McGilchrist AJ, \$5.10
McGiregor C, \$5.32
McGregor I, \$2.10
McGregor JR, \$2.32
McHugh M, \$5.76
McIlrath EM, \$2.56
McIlroy BS, \$5.6
Macintyre IMC, \$2.55
McActay EH, \$5.1
McKenna F, \$2.8, \$2.17
McKenze H, \$5.42
MacKenzie FF, \$2.9, \$5.36, \$5.73
McKenzie PE, \$5.80
McLaughlan J, \$5.18, \$5.43
Maclean AD, \$2.55
McLoughlin JC, \$5.4
McMahon AD, \$5.40
McMahon MJ, \$2.15, \$5.5, \$5.23, \$5.38
McMaster D, \$5.4
McMalon MJ, \$2.15, \$5.5
McLoughlin JC, \$5.4
McMalon AJ, \$2.55
McLoughlin JC, \$5.4
McMalon AJ, \$2.55
McLoughlin JC, \$5.40
McMalon MJ, \$2.19
Magee GD, \$2.60, \$5.53
Mahida YR, \$5.38
Mahmud N, \$2.21
Maingay JP, \$5.10, \$5.39, \$5.73
Maint JR, \$5.22
Mannur K, \$2.22
Mann NG, \$2.41
Mahoney A, \$2.1
Maingay JP, \$5.10, \$5.39, \$5.73
Maint JR, \$5.22
Mannur K, \$2.8
Manousos ON, \$5.72
Mansfield P, \$2.44
Mahoney A, \$2.1
Maingay JP, \$5.10, \$5.39, \$5.73
Maint JR, \$5.22
Mannur K, \$2.8
Manousos ON, \$5.72
Mansfield P, \$2.24
Mann NG, \$2.44, \$2.33, \$2.34
Marafin C, \$5.50, \$5.72
Marshall DG, \$2.31
Mary B, \$2.54
Malu AP, \$5.23
Marshall RK, \$2.24
Mann NG, \$2.41
Mathur D, \$5.24
Mannur K, \$2.8
Manousos ON, \$5.77
Marshall DG, \$2.31
Martin DF, \$2.29
Mansfield P, \$2.40
Mapstone NF, \$2.4, \$2.33, \$2.34
Martin DF, \$2.27
Martin DF, \$2.34
McMellor NM, \$5.33
Mcdolas NJ, \$2.33
Mcdolas NJ, \$2.33
Mcdellor NJ, \$2.42
Mannur SC, \$2.45
McMellor NJ

Middleton SJ, S2.25, S5.61, S5.71
Miglioli M, S2.34, S2.44, S5.18
Miles WFA, S5.26
Milla PJ, S2.34, S2.44, S5.18
Millar PJ, S2.46, S5.39
Millar JON, S2.50, S5.29
Millar Jones D, S5.1
Mills PA, S2.19
Mills TN, S2.40, S5.52
Mills PK, S2.19
Mills TN, S2.40, S5.52
Mills TN, S2.40, S5.52
Mills TN, S2.48
Miloszewski KJA, S5.23
Misiewicz JJ, S2.48, S5.3, S5.15, S5.49
Mitchell CL, S5.55
Mitchell I, S5.26
Moayyed P, S2.62, S5.16
Mohamed AH, S2.8, S5.17
Mokhashi M, S2.9, S2.26, S5.36
Molari A, S5.50
Molineaux N, S2.3, S2.4, S2.63, S2.64, S5.2
Molloy RG, S5.65
Monga AK, S2.21
Montrone F, S2.44
Moorghen M, S2.30
Moybel R, S2.14
Morandi E, S5.80
Morant S, S2.45
Morden A, S5.50
Moriarty K, S2.29
Moriarty K, S2.29
Moriarty K, S2.29
Morris AJ, S2.66
Morris AJ, S2.66
Morris AJ, S2.60
Morris TM, S2.33
Morrison L, S2.4
Mortensen NJMCC, S5.31
Mortensen NJMCC, S5.33
Mortison L, S2.26
Moss SF, S2.4, S2.18
Moss SF, S2.4, S2.38
Mortison L, S2.4
Mortison L, S2.4
Mortison L, S2.6
Mort

Myskow MW, \$2.22

Naccarato R, \$2.36, \$5.50, \$5.72

Naeem A, \$2.49

Nagawa H, \$2.6

Nair P, \$5.1, \$5.15, \$5.73

Nakamuta K, \$5.42

Nashabendi IM, \$2.53, \$5.22, \$5.37

Naom IS, \$2.48, \$5.30

Naoumov N, \$2.19, \$5.38

Narang A, \$5.68

Nash J, \$2.22

Nassim M, \$5.47

Nathavitharana KA, \$5.33

Nazim M, \$2.60

Neal KR, \$2.30

Neale G, \$5.3

Neale K, \$5.39

Neilson JMM, \$2.11

Neufur JM, \$5.21

Neoptolemos JP, \$5.36

New H, \$2.54

Newsholme EA, \$1.13

Newton JM, \$5.55

Newton M, \$2.60, \$5.75, \$5.77

Ngu MC, \$2.12, \$5.52

Ngenya B, \$2.29, \$5.37

Nicholson DA, \$5.8

Nicholson DA, \$5.8

Nicholson J, \$2.21

Nightingale JMD, \$5.73

Nikiteas N, \$5.28

Nitti D, \$5.72

Nixon \$1, \$2.55, \$5.

Nogueras, \$2.44

Nornis TL, \$5.6

Norlifield TC, \$2.3, \$2.4, \$2.20, \$2.33, \$2.42, \$2.63, \$2.64, \$5.27, \$5.10, \$5.11, \$5.17, \$5.18, \$5.47

Norton B, \$5.6

Norwood W, \$5.63 Notenboom RGE, \$5.9 Notghi A, \$2.18 Nott DM, \$2.13 Nwokolo C, \$5.36 Nwokolo CU, \$2.18, \$5.59 Nyam DC, \$2.62 Nygard G, \$2.38, \$2.43 Nzegwu H, \$2.61

O'Byrne K, \$2.54
O'Carrol R, \$5.9
O'Carrol R, \$5.9
Oderda G, \$5.18
O'Donnell LJD, \$2.52
O'Donoghue DP, \$2.1, \$2.27, \$2.31
O'Dwyer PJ, \$2.32
O'Farrell BJ, \$2.11
Offerhaus GJA, \$5.9
Ogden JM, \$2.53
Ogutu E, \$2.52
O'Keefe SJD, \$2.25, \$2.53, \$5.48
Olivieri M, \$5.12
O'Mahony S, \$5.38
O'Morain CA, \$2.3, \$2.33
O'Riordan DK, \$2.52, \$5.21
O'Rorke K, \$5.40
O'Rourke D, \$2.60
O'Shea C, \$5.78
O'Toole PA, \$5.50
Otto WR, \$5.53
Owen RJ, \$5.1
Owen W, \$5.7
Owen WA, \$2.7, \$5.7, \$5.13
Owen WJ, \$2.7, \$5.7, \$5.13
Owen WJ, \$2.7, \$5.7, \$5.13
Owen MM, \$2.56

Pack K, S. 40
Pajares JM, SS.17, SS.52
Palmer KR, S2.28, S2.48, S5.16, S5.26, S5.36, S5.56, S5.77
Panagou EB, S2.12
Panos MZ, S5.58
Papadopoulou A, S5.38
Papadopoulou A, S5.39
Parick DA, S2.15
Parikh A, S2.15
Parikh A, S2.15
Parikh A, S2.15
Parker AJ, S2.60
Park RHR, S2.9, S2.35
Parker DR, S5.5
Parrott D, S5.42
Parrott D, S5.42
Parsons K, S2.13
Parsons ME, S5.46
Passaro U, S5.65
Passoni GR, S5.80
Patchet LE, S5.40, S5.41
Patel HRH, S2.51
Patel P, S2.3, S2.63, S2.64, S5.2, S5.17, S5.18
Paton JY, S5.34
Paterson J, S2.42
Pazianas M, S5.5
Pearce MY, S2.45
Pearson JP, S5.43
Peck N, S2.23
Pederzoli P, S3.20
Pedler SJ, S5.74
Peterts M, S5.29
Penman I, S2.46
Penny IJ, S2.29, S2.51
Pentith J, S2.29, S2.51
Pentith J, S2.39
Pera G, S5.44
Pereira SP, S2.37, S2.57, S5.20
Perez Miranda M, S5.17, S5.52
Perrit L, S5.72
Perrett D, S2.53, S5.54
Perry S, S2.34
Pescatori M, S5.44
Peters AM, S5.19
Phillips AD, S5.37, S5.74
Phillips RKS, S5.39, S5.40, S5.63
Phull PS, S2.63, S5.17
Piasecki C, S2.50
Picarelli A, S5.21, S5.22, S5.45, S5.46
Pignatelli M, S2.11, S2.22, S5.60
Pilot AA, S2.28, S2.44, S5.56
Pilotto A, S5.16
Piloth A, S5.21, S5.3, S5.61
Plevins JM, S5.64
Poulsa JM, S2.37, S5.71
Pollard AJ, S5.33
Poli D, S5.44
Powell F, S5.54
Poulsa PM, S2.23, S5.40
Portran M, S5.21, S5.22
Prominder R, S2.33
Poschet JF, S5.54
Poular JM, S2.37, S5.71
Pollard AJ, S5.33
Poll D, S5.44
Powell F, S5.54
Poular R, S5.53, S5.60
Pilotto A, S5.16
Powell-Truck J, S5.52
Poxon V, S5.2
Promindrout R, S5.51
Priming S, S5.44
Prescott LF, S5.51
Priming SJ. S5.44
Prescott LF, S5.51
Priming SJ. S5.44
Prescott LF, S5.51
Priming SJ. S5.51
Priming SJ. S5.54
Powell KU, S5.2, S5.16
Powell-Truck J, S5.52
Poxon V, S5.52
Poxon V, S5.52
Poxon V, S5.52
Poxon V, S5.52
Promodrout AT, S5.11
Price AB, S5.11
Primrose JD, S5.53
Proudfoot AT, S5.11

Pryde A, S2.21, S2.47, S5.48, S5.56 Prytherch D, S2.61 Przemioslo RT, S2.29, S2.40, S2.54, S5.21 Pugh S, S5.1 Puntis MCA, S5.64, S5.72 Purkiss SF, S2.55 Pusey C, S5.45 Pyrah EM, S2.34

Quandalle P, S5.44 Quigley EMM, S5.65 Quirke P, S2.4, S2.33, S2.34, S5.38

Radford-Smith G, S5.28, S5.30, S5.42
Raethien I, S2.28
Rajan E, S2.11
Raju GS, S2.16, S2.17
Ralston P, S5.76
Ramage JK, S2.32, S5.38
Ramazzotti A, S5.21, S5.22
Ramph B, S5.50
Ramirez J, S5.62
Rampton DS, S2.50, S5.28, S5.29
Rankin BJ, S5.43
Rappuoli R, S2.34, S2.35
Rappuoli R, S2.34, S2.35
Rashid N, S5.40
Rate AJ, S5.6, S5.8, S5.27
Rathbone B, S5.73
Rathbone B, S5.73
Rathbone BJ, S5.1, S5.15
Ray RA, S5.41
Read AE, S2.32
Read NW, S2.37
Record CO, S5.15, S5.43, S5.66
Redhead D, S5.23, S5.66
Redhead DN, S2.10, S5.9, S5.11, S5.24, S5.25
Red MWR, S2.15
Rees DC, S5.30
Rees WDW, S2.8, S2.17, S2.37
Reid J, S2.6
Reid JM, S2.5
Reid JM, S5.22
Rentsch R, S2.54
Revier D, S2.41
Reynolds AP, S5.33
Reynolds N, S5.42
Revier D, S2.41
Reynolds AP, S5.33
Reynolds N, S5.42
Revier D, S2.41
Reynolds AP, S5.33
Reynolds N, S5.42
Revier D, S2.41
Reynolds AP, S5.33
Reynolds D, S5.70
Ribeiro B, S5.26
Ricici C, S5.18
Richards J, S2.58
Rigaud D, S5.72
Riley S, S.13
Ringers J, S2.12
Roberts D, S5.7
Roberts NB, S5.67
Roberts NB, S5.63
Robinson RJ, S2.59, S5.45, S5.43, S5.47
Robinson AF, S5.5, S5.85, S5.47
Robinson AF, S5.5, S5.55
Rolando N, S5.20, S5.41
Rolinson RJ, S2.59, S5.50
Rockall TA, S5.47
Robinson RJ, S2.59, S5.51
Ross JA, S5.14
Ross SJ, S2.14, S5.55, S5.55, S5.57
Roberts NB, S5.67
Roberts NB,

Sagar PM, S5.31
Saidi M, S5.5
Salam I, S2.30
Salandin S, S2.18, S2.63, S5.16
Samways J, S2.9
Sanderson JD, S2.47, S2.58
Sandle GI, S2.61
Sandoval L, S5.41
Sanfey HA, S5.25
Santalucia F, S2.44
Santander C, S5.17
Santini G, S5.69
Sargeant IR, S2.39
Sargentoni J, S5.20
Sassangi J, S5.30
Saunders BP, S2.25, S2.39, S5.80
Saunders BP, S2.25, S2.39, S5.80
Saunders JH, S2.55
Savidge TC, S5.74
Sawada Y, S5.20
Sawyerr AM, S5.77
Sayer JM, S2.52

Scavo D, \$5.21
Schaake-Koning CCE, \$2.7
Scheele J, \$5.67
Scheppach W, \$1.35
Schinkel AH, \$5.9
Schofield J, \$2.54
Schorah CS, \$2.19
Schorah CS, \$5.3
Schouten WR, \$2.61
Schutte B, \$2.31
Schwartz S, \$1.39
SCOTIA Study Group, \$2.16
Scott BB, \$2.24, \$5.43, \$5.59
Scott-Coombes DM, \$5.46, \$5.66
Scott BB, \$2.24, \$5.43, \$5.59
Scott-Coombes DM, \$5.46, \$5.66
Scott HM, \$2.30
Scott W, \$2.23, \$2.44
Scott NA, \$5.32
Scott-Russell AM, \$5.41
Scott SM, \$5.56
Scunes D, \$5.1, \$5.45
Sebastian M, \$5.35
Selden C, \$5.60, \$5.69, \$5.74
Selves L, \$5.25
Sembenini C, \$5.12, \$5.13, \$5.19, \$5.48, \$5.55
Service Y, \$5.34
Seth R, \$5.18, \$5.43
Set OY, \$2.6
Shaffer JL, \$2.61
Shah H, \$2.15
Shah N, \$2.15

Spychal RT, \$2.23

Srai SK, \$5.43

Srai SK, \$5.43

Srai SKS, \$2.52, \$5.21

Srb F, \$5.65

Sreeram N, \$5.33

Srivastava E, \$5.15

Srivastava ED, \$2.59, \$5.43

Stack WA, \$5.53

Stanley AJ, \$5.69

Stanton SL, \$2.21

Stebbing JF, \$5.62

Stebbing JF, \$5.31

Steele RJC, \$2.5, \$5.48, \$5.63

Steger AC, \$2.14

Stephens JC, \$5.5

Stephens S, \$2.50

Stern AJ, \$5.32

Stewart KJ, \$2.62

Stockbrugger RW, \$2.31

Stoddard CJ, \$2.15

Stone M, \$5.60

Strachan D, \$2.4, \$2.64

Stratford J, \$5.75

Strafford JM, \$5.51

Sturgess RP, \$2.54

Sturrock RD, \$2.45

Sue-Ling H, \$5.14, \$5.73

Sultan AH, \$2.27

Sutton R, \$2.23, \$2.38, \$2.40, \$5.6, \$5.51, \$5.22, \$5.79, \$5.80

Swain CP, \$2.23, \$2.38, \$2.40, \$5.6, \$5.51, \$5.25, \$5.79, \$5.80

Swain P, \$5.52

Swannell AJ, \$2.45

Syles R, \$5.64

Sytnik B, \$5.18

Syrick R, 33.04
Syrink B, S5.18

Taal BG, S2.7, S2.39
Tabakopoulos D, S5.51
Taha AS, S2.45
Tait I, S2.51
Tait IS, S2.29
Talbot I, S2.54
Talbot I, S2.51
Talbot I, S2.54
Tarlow IK, S2.21
Tan CC, S2.24
Tan CC, S2.21
Tan CC, S2.21
Tan CS, S2.21
Tanner MS, S5.25
Tarlow JK, S2.41
Tanner MS, S5.25
Tarlow JK, S2.41
Tarozzi C, S5.4
Tarsitani P, S5.21
Taylor G, S2.7, S5.7
Taylor G, S2.7, S5.7
Taylor G, S2.7, S5.7, S5.13
Taylor-Robinson SD, S5.24, S5.25
Taylor TM, S5.59, S5.76
Teigeman R, S2.6
Tempstra OT, S2.12
Terzi MC, S2.56
Testolin G, S5.19, S5.55
Tham TCK, S2.56, S2.58, S5.42
Tharakan J, S5.74
Thermos K, S5.72
Theron I, S2.63
Thomas GAO, S5.1
Thomas J, S2.62
Thomas PA, S2.55
Thompson DM, S5.46, S5.66
Thompson DM, S5.46, S5.66
Thompson NR, S2.27, S2.61
Thompson MR, S2.27, S2.61
Thompson MR, S2.39
Thrastivoulou C, S5.43
Tighe MJ, S5.5, S5.23
Tigher-Wybrandi NA, S2.53
Tilanus HW, S2.6
Tish K, S5.15
Tittobello A, S5.44
Tobias JS, S2.39
Toghill PJ, S2.1, S5.4
Toker N, S2.18
Tominaga O, S2.6
Tompkins DS, S2.34, S5.16

Tonelli F, S5.44
Torsoli A, S5.21, S5.22, S5.45, S5.46
Tougas G, S2.8
Travis SPL, S5.29, S5.30
Trimble KC, S2.47, S5.48
Trotter G, S2.9
Trowell JE, S5.2, S5.16
Trudgill N, S5.13
Trye P, S2.45
Tunio M, S2.36, S5.49
Turnbull G, S5.11
Turnbull G, S5.11
Turnbull G, S5.30
Turvill JL, S5.54, S5.71
Tweedle DEF, S5.34
Tyrrell M, S2.9, S5.14

Unsworth D, S2.29 Unsworth DJ, S5.3

Vaira D, S2.18, S2.34, S2.44, S5.18
Valori R, S2.24, S5.15
van Blankensteijn M, S2.6
van Dekken H, S2.6
van Dekken H, S2.6
van den Bergh Weerman MA, S5.9
van der Akker O, S5.27
van Heerde P, S2.39
van Hoek B, S2.12
van Krieken JHJM, S2.12
van Krieken JHJM, S2.12
van Krieken HJJM, S2.12
van Krieken HJS.5.9
van Rensburg CJ, S2.63
van Schelven WD, S2.12
Van Someren N, S5.51, S5.79
Vantini 1, S5.12, S5.13, S5.19, S5.48, S5.55
Vautier G, S5.43, S5.59
Vaintello F, S2.18, S2.63, S5.16
Vickers J, S2.23, S5.8
Vigneri S, S5.16
Vipond M, S2.23
Vipond MN, S5.38
Vyas SK, S5.1

Vyas SK, S5.1

Wachter H, S2.29
Wade J, S5.20, S5.41
Wafula J, S2.14
Waghorn A, S5.46
Wakefield AJ, S2.38, S2.40, S2.43, S2.50, S5.28, S5.41, S5.43, S5.44
Walker MM, S5.3
Walker MW, S5.49
Walker-Smith JA, S5.37, S5.74
Walker WS, S5.8
Waller JM, S5.3, S5.49
Wallis RM, S5.61
Walls A, S5.76
Walls A, S5.76
Walls A, S5.76
Walsh JH, S5.18
Walsh TN, S2.5, S2.6
Walt RP, S2.55
Walsh JH, S5.18
Walsh TN, S2.5, S2.6
Walter JRF, S2.54, S5.60
Wang J, S2.75
Wash JH, S2.15
Ward P, S2.50
Wardle TD, S2.48
Waring A, S2.19
Warland D, S5.3
Warner G, S2.28
Warner TW, S2.31
Warren ST, S2.25, S2.28, S5.31, S5.57
Wass JAH, S2.57
Wasson A, S5.14
Watson A, S5.14
Watson A, S5.46
Watson DI, S2.25, S2.22
Warson RGP, S2.22, S2.56, S2.58, S5.4, S5.7, S5.13

Watson SA, S2.33, S5.64
Watson W, S2.35
Watts A, S2.61
Wayman J, S5.14
Weaver JB, S2.12
Weaver LT, S5.34
Webb DJ, S5.10
Webster N, S2.53
Weir DG, S2.41
Welbourn CRB, S2.56
Weldon MJ, S2.42
Wesdorp RIC, S1.28
West K, S5.1
Westaby D, S2.9
Westwick J, S5.47
Wexner S, S2.41
Whatley G, S5.59
Whawell SA, S5.46, S5.66
White G, S5.39
White K, S2.19
White K, S2.19
White BJ, S5.30
White K, S2.29
Whorwell BJ, S5.55
White KLM, S5.3
White K, S2.29
Whorwell PJ, S5.55, S5.57, S5.58, S5.62
Wicks ACB, S2.59
Widdison AL, S5.35, S5.67
Wigmore SJ, S5.10, S5.39, S5.73
Wilkinson J, S5.17
Wilkinson ML, S2.37, S2.58
Williams AJK, S2.26, S5.56
Williams GB, S2.25, S2.39
Williams GB, S2.25, S2.39
Williams MH, S5.8
Williams MB, S5.8
Williams MB, S5.8
Williams MB, S5.8
Williams MB, S5.33
Williams MB, S5.8
Williams MB, S5.20
Williams MB, S2.21
Williams MB, S2.23
Williams MB, S2.21
Williams MB, S2.21
Williams MB, S2.25
Williams MB, S2.21
Williams MB, S2.25
Williams MB, S2.21
Williams MB, S2.25
Williams MB, S2.25
Williams MB, S2.21
Williams MB, S2.21
Williams MB, S2.21
Williams MB, S2.22
Williams MB, S2.25
Williams MB, S2.25
Williams MB, S2.25
Williams MB, S2.21
Williams MB, S2.21
Williams MB, S2.25
Williams MB, S2.21
Williams MB, S2.25
Williams MB, S2.25
Williams MB, S2.21
Williams MB, S2.21
Williams MB, S2.25
Williams

Xia HX, S2.3 Xiang Z, S2.34

Yap P, S2.19 Yapp T, S5.1 Yasaki E, S2.23 Yates J, S2.13 Yeomans ND, S5.70 Yannakou Y, S2.13 Young GO, S2.25, S5.48 Young S, S5.73

Zandvliet DW, S5.53, S5.60 Zhang QB, S2.35, S2.36, S5.37 Zimmerman M, S5.42 Zoli G, S5.22 Zuccali V, S5.12 Zuin M, S2.20

SUBJECT INDEX - SUPPLEMENTS, 1994

Abdominal closure, Advanced diffuse peritonitis managed by planned multiple laparotomies utilising zippers/velcro analogue for temporary abdominal closure, S2.15

Abscesses, Abscesses after liver transplantation: a 10- year study, S5.41 Absorption, Intestinal absorptive function, S1.5

Achalasia

Causes of pathological oesophageal acidification after pneumatic LOS dilatation in achalasia, \$5.12

Pneumatic dilatation for achalasia, \$2.8

Acid clearance, Motor activity of the oesophagus probably only has a minimal effect on acid clearance, S5.7

Acromegaly, Meal-stimulated gallbladder emptying in acromegaly. The effect of octreotide treatment, \$2.57

Acute phase response, Titres of serum IL-8 correlate with the presence of an acute phase response in patients with pancreatic cancer, S5.73

Adenosine blockade. The effects of adenosine blockade upon the portal

Adenosine blockade, The effects of adenosine blockade upon the portal circulation in patients with cirrhosis, \$5.23

Adenosine triphosphate, ATP dilates the hepatic artery via P₁purinoceptors, **S2.9**Adhesion molecules. Expression of adhesion molecules and endothelial

Adhesion molecules, Expression of adhesion molecules and endothelial phenotypic markers in human orthotopic liver transplantation, \$5.69

Adrenaline, Bleeding peptic ulcer: injection of adrenaline or tissue adhesive (histoacryl), \$5.36

Adrenoceptors, Adrenoceptors and the colocolonic inhibitory relex, \$2.44

AIDS, The role of laparoscopy in AIDS, \$5.26

Alcoholic liver disease, Recognition of hepatitis C complicating alcoholic liver disease, S2.11

Alpha-one-antitrypsin, Faecal tumour necrosis factor-alpha and faecal alpha-one-antitrypsin in HIV infection, \$5.40

Ambulatory pH monitoring, Continous ambulatory pH monitoring in pigs, \$5.48

5-Aminolaevulinic acid, Eradication of high grade dysplasia in columnar lined (Barrett's) oesophagus by photodynamic therapy with oral 5-aminolaevulinic acid and 630nm light, \$5.7

Aminosalicylic acid, Aminosalicylic acid derivatives bind nitric oxide, S5.71

Amoxicillin, The effect of pantoprazole, as monotherapy and in combination with amoxicillin, on gastric *H. pylori* status, in duodenal ulcer subjects, **S2.63**

Amoxycillin

A successful one week antibiotic regime for *Helicobacter pylori* eradication, **S5.16**

Helicobacter pylori eradication therapy. A comparison between either omeprazole or ranitidine in combination with amoxycillin plus metronidazole, \$5.16

Ampullectomy, Endoscopic ampullectomy – a new approach to difficult cannulation, S2.54

Anal endosonography

Anal endosonography after failed anterior sphincter repair for obstetric trauma is imperative. S2.27

Effect of anal sphincter repair on anal endosonography, S2.28

Anal fissures, Island advancement flaps in the treatment of anal fissures, S2.62

Anal sphincter

Do rectal myenteric nitric oxide synthase neurones innervate internal anal sphincter? Retrograde neuronal tracing in a guinea pig model, \$5.31

Representation of the anal sphincter on the human cerebral cortex, \$5.30

Angiotensin converting enzyme, Angiotensin converting enzyme activity in stools of healthy subjects and patients with coeliac disease, \$5.21

Animal models

An animal model of *Helicobacter pylori* infection, **S5.19** Survival of *Helicobacter pylori* in animal models, **S5.19**

Anorectal reconstruction, Sensory effects of total anorectal reconstruction, \$5.31

Antigliadin antibody(ies)

Large scale population survey of antibodies to gliadin, reticulin and endomysium, S5.4

Low or negative antigliadin antibody may also indicate disease, \$5.4 Antineutrophil antibodies, Antineutrophil antibodies in familial inflammatory bowel disease: specificity for ulcerative colitis but not Crohn's disease in genetically related individuals, \$2.42

Antineutrophil cytoplasmic antibodies, Specificity and significance of ANCA in inflammatory bowel disease, \$2.49

Antioxidant nutrient therapy, An open trial of antioxidant nutrient therapy in active ulcerative colitis, \$5.29

Antituberculous chemotherapy, The need for audit: preventable deaths due to hepatotoxicity of antituberculous chemotherapy, **\$5.77**

APC germline, Germline APC mutation at codon 1061 is associated with severe duodenal polyposis but not high colonic polyp counts in familial adenomatous polyposis, \$5.40

Appendicectomy, Appendicectomy, tonsillectomy and inflammatory bowel disease, **S5.28**

Appendicitis, Clinical diagnostic performance, scoring systems and computer aided diagnosis in suspected acute appendicitis, \$2.58

Arginine, Can arginine and ornithine support gut functions? \$1.42

Ascitis of unknown origin, Diagnostic value of laparoscopy in peritoneal diseases presenting as ascitis of unknown origin, S5.52

Ascorbic acid, Ascorbic acid concentrations in plasma, gastric juice and gastrointestinal mucosa. Effects of gastritis and oral supplementation, \$2.19

Aspirin, Aspirin and non-steroidal anti-inflammatory drug (NSAID) use and symptomatic colorectal cancer, S2.1

Aspirin-induced gastroduodenal mucosal injury, The effect of allopurinol, salazopyrin and vitamin C on aspirin-induced gastroduodenal mucosal injury in humans, \$5.70

Aspirin-induced intragastric bleeding, Specific prevention of aspirin induced intragastric bleeding with sucralfate, **S5.71**

Audi

A prospective audit of new inpatient referrals for upper gastrointestinal endoscopy to the gastroenterology firm of a district general hospital, \$5.77

An audit of gastroenterology out-patient referrals: improving efficiency and shortening waiting lists, \$2.47

An audit of the outcome of patients undergoing 24hr pH oesophageal tests, \$5.75

An audit of plasma vitamin B12 and folic acid monitoring in outpatients with Crohn's disease, \$5.77

Audit of an interactive open access endoscopy service, \$5.75

Audit of H. pylori eradication by C14 urea breath tests, \$5.75

Audit of the investigation and outcome of iron-deficiency anaemia in one health district, \$2.47

Colorectal cancer surgery: is there a role for the nonspecialist? S5.76 Helicobacter pylori serology – audit of local assay and evaluation in screening dyspepsia under 45 years, S5.74

Is 'censorship' for open access gastroscopy justified? \$5.76

Oesophageal cancer in Yorkshire: a regional audit, \$5.14

Palliation of oesophageal carcinoma with expandable metal prostheses is a cost-effective procedure, \$5.8

Shortcomings of computer versus note based audit of upper GIT bleeds, \$5.76

The need for audit: preventable deaths due to hepatotoxicity of antituberculous chemotherapy, \$5.77

Autoimmune chronic active hepatitis

Hepatocellular carcinoma in autoimmune chronic active hepatitis: the role of hepatitis C infection, **S2.19**

Soluble adhesion molecules and cytokines in autoimmune chronic active hepatitis, \$2.10

Azaserine, Expression of peptide receptors both in normal rat pancreas and in rat pancreatic premalignant lesions induced by azaserine, S2.14

Azygos blood flow, The effect of N°-monomethyl-L-arginine on portal pressure gradient and azygos blood flow amongst patients with cirrhosis, S2.20

Azythromycin, Azithromycin in a triple therapy for eradicating Helicobacter pylori, \$2.63

Bacterial translocation, Bacterial translocation: the influence of dietary variables, \$1.23

Balloon distension, Motility change and perception to balloon distension in the jejunal loop of postgastrectomy patients, S2.44

Balloon expulsion, Imaging of rectal balloon expulsion compared with evacuation proctography, \$2.62

Barium enema, Is a barium enema of use in the diagnosis of cancer in patients with rectal bleeding? S2.27

Barrett's oesophagus

Aneuploidy, loss of the Y-chromosome and p53 overexpression as potential markers for malignant progression in Barrett's esophagus, \$2.6

Eradication of high grade dysplasia in columnar lined (Barrett's) oesophagus by photodynamic therapy with oral 5-aminolaevulinic acid and 630nm light, \$5.7

Helicobacter infection is associated with oesophagitis in patients with Barrett's oesophagus, \$2.5

High grade dysplasia in Barrett's oesophagus – how should it be managed? S2.22

Malignant cytology in Barrett's oesophagus: an indication for oesophagectomy? \$2.22

BB-882, A double blind placebo controlled study of BB-882 (a potent PAF antagonist) in human acute pancreatitis, \$5.35

Bile, The use of a sodium ion selective electrode to detect bile in the oesophagus, \$2.22

Bile duct obstruction, A prospective randomised trial of 10 and 11.5 FG endoprostheses in malignant bile duct obstruction, \$5.50

Bile duct stones

Endoscopic balloon sphincteroplasty for bile duct stones: efficacy and follow-up in the first 90 patients, **S2.24**

Laser lithotripsy of large stones in the bile duct with a stone recognition system, \$5.51

Biliary carcinoma, Identification of Kirsten-ras mutations in bile of patients with pancreatic and biliary carcinomas, \$5.38

Biliary cytology, Diagnostic biliary cytology for strictures managed by percutaneous transhepatic biliary drainage, \$5.66

Biofeedback, Controlled randomized trial of biofeedback versus muscle training alone for intractable constipation, \$2.43

Bladder function, Altered bladder function and oesopheageal pain threshold in irritable bowel syndrome, \$2.21

Bleeding peptic ulcer

Failures of endoscopic therapy for bleeding peptic ulcer; an analysis of risk factors, \$2.38

Increasing age does not influence outcome in patients treated endoscopically for major peptic ulcer haemorrhage, \$2.38

Bleeding, rectal, Is a barium enema of use in the diagnosis of cancer in patients with rectal bleeding? S2.27

Bleeding ulcer, Bleeding ulcer patients: a study on hormone profile, \$2.18

BMK-13, Monoclonal antibodies against major basic protein (BMK-13) and eosinophil cationic protein (EG2) for quantifying eosinophils in human hepatic allograft rejection, **S2.14**

Bone loss, Prevalence, degree and pathophysiology of bone loss in adult coeliac disease, \$5.4

Bone marrow transplantation, Diarrhoea, protein losing enteropathy and trace element deficiency in children following bone marrow transplantation, \$5.33

Bone mineral density

Effect of a gluten free diet on bone density in coeliac disease, \$5.5 Fractional calcium absorption and bone mineral density in coeliac disease, \$5.5

Bowel preparation, A mannitol/Picolax mixture or two-dose polyethylene glycol lavage solution as bowel preparation for colonoscopy? S2.39

Brachytherapy, Laser recanalisation followed by brachytherapy in the palliation of adenocarcinoma of the oesophagus and cardia, \$2.39

Buscopan, Changes in blood pressure and duodenal atony during ERCP. Studies of the influence of buscopan and glucagon, \$5.50

C14 urea breath test, Audit of *H. pylori* eradication by C14 urea breath tests, **S5.75**

c-erbB-2 gene expression, C-erbB-2 gene expression in non-metastatic colorectal cancer, \$2.31

c-erbB3, Altered gene expression of c-erbB3 during oesophageal tumorigenesis, applications for surveillance, S2.1

CagA protein

Detection of CagA positive *Helicobacter pylori*: a comparison of polymerase chain reaction and immunoblotting protocols, **S2.34** *Helicobacter pylori* induced gastric epithelial interleukin-8 secretion is associated with the CagA positive phenotype, **S2.34**

Serum CagA IgG antibodies in *Helicobacter pylori* positive healthy volunteers and patients with dyspeptic disease, **S2.35**

Calcium

Fractional calcium absorption and bone mineral density in coeliac disease, \$5.5

The influence of one year calcium suppletion on colorectal epithelial cell proliferation in colorectal adenoma patients, \$2.31

Calmodulin antagonist, Effect of the calmodulin antagonist zaldaride maleate on cholera toxin induced small intestinal secretion, \$5.71

Campylobacter infection, Omeprazole treatment, a potent risk factor for Campylobacter gastroenteritis, \$2.30

Cancer, Is enteral nutrition a primary therapy in cancer patients? S1.65 Capsaicin, Tussive effect of capsaicin in symptomatic gastroesophageal refluxers without cough, S5.12

Carbon, Glucose and urea: sources of carbon for H. pylori? \$5.17

Carcinoid tumours, Imaging of secondary carcinoid tumours of the liver: comparison of I¹²³-metaiodobenzylguanidine and IN¹¹¹-labelled octreotide scans, **S2.32**

Catheter, The presence of a catheter through lower oesophageal sphincter does not promote gastro-oesophageal reflux, \$2.7

Catheter-related sepsis, An endoluminal brush to detect the infected central venous catheter in situ in patients receiving intravenous nutrition, \$5.5

Celiac intestine, Recruitment of mucosal mononuclear cells in the subepithelial and intrepithelial compartments after in vitro exposure to gliadin peptides of the treated celiac intestine: evidence for a local immune response to gliadin, \$5.46

Cerebral evoked potentials, Cerebral evoked potentials. Are they useful in assessing oesophageal motility disorders, \$5.6

Chest pain, Cause of chest pain after sumatriptan: is it oesophageal? \$5.55

Children

Acquisition of *H. pylori* infection in British children: community factors or family circumstances? **S2.64**

Diarrhoea, protein losing enteropathy and trace element deficiency in children folowing bone marrow transplantation, \$5.33

Does *Helicobacter pylori* infection affect growth in children? **S2.64** Pulmonary embolism in children – another hazard of parenteral feeding, **S5.33**

Cholecystectomy, Increased rate of cholecystectomy in Scotland following introduction of laparoscopic cholecystectomy, S5.34

Cholecystokinin, *D*-Fenfluramine administration is not associated with an increase in plasma cholecystokinin, **S2.57**

Cholera toxin

Cholera toxin stimulates 5-hydroxytryptamine release into human jejunum, \$5.54

Differential effect of 5HT, receptor antagonism on cholera toxin and *E. coli* heat labile toxin-induced secretion, **S2.52**

Effect of the calmodulin antagonist zaldaride maleate on cholera toxin induced small intestinal secretion, \$5.71

Cholestasis, Fetal mortality associated with cholestasis of pregnancy and the potential benefit of therapy with ursodeoxycholic acid, S2.12

Chronic fatigue syndrome, Prevalence of irritable bowel syndrome in chronic fatigue, \$2.47

Cimetidine, Cimetidine prevents postoperative suppression of immune function following colorectal cancer surgery, \$2.16

Ciprofloxacin, A prospective, randomised, placebo-controlled trial of single dose ciprofloxacin for the treatment of travellers' diarrhoea, \$2.30

Cirrhosis

Gastric acid secretion and serum gastrin concentration in cirrhotic patients with *Helicobacter pylori* infection, **S5.67**

Survival analysis of cirrhotic patients by autonomic function testing over three years, \$5.68

The effect of N°-monomethyl-L-arginine on portal pressure gradient and azygos blood flow amongst patients with cirrhosis, \$2.20

The effects of adenosine blockade upon the portal circulation in patients with cirrhosis, \$5.23

The haemodynamic effects of 8 ornithin vasopressin in portal hypertension and cirrhosis, S2.13

The mechanism of the autonomic neuropathy of cirrhosis, \$2.11

Clarithromycin

Clarithromycin for the cure of Helicobacter pylori infection, S5.16

Determination of the optimum dose of omeprazole in a new triple therapy regimen for eradicating *Helicobacter pylori*, **S5.16**

Eradication of *Helicobacter pylori* with lansoprazole and clarithromycin, \$5.15

Clostridium difficile, Cellular responses of intestinal epithelial cells to toxin A of C. difficile, S5.38

Clustering, Intrafamilial clustering of *Helicobacter pylori* strains and correlation of virulence with disease activity, **S5.1**

cMG1ERF-1, cMG1/ERF-1, a novel EGF-inducible early response gene, is a putative marker of proliferation and differentiation, \$5.60 Coagulopathies, Inherited coagulopathies protect against inflammatory

Coeliac disease

bowel disease, \$5.28

Angiotensin converting enzyme activity in stools of healthy subjects and patients with coeliac disease, S5.21

Coeliac disease and intestinal lymphoma, \$2.32

Cytokine mRNA expression in coeliac disease after gliadin challenge, \$2.54

Effect of a gluten free diet on bone density in coeliac disease, \$5.5

Fractional calcium absorption and bone mineral density in coeliac disease, \$5.5

HLA-class II phenotypes in coeliac disease and enteropathyassociated T-cell lymphoma, \$2.53

IgA anti-endomysial antibody is superior to the ⁵¹Cr-EDTA: ¹⁴Cr mannitol intestinal permeability test in the diagnosis of coeliac disease, \$5.3

In vitro coeliac toxicity of gluten peptides assessed by organ culture, \$5.21

Increased blood levels of 5-hydroxytryptamine in coeliac disease, \$5.22 Large scale population survey of antibodies to gliadin, reticulin and endomysium, \$5.4

Low or negative antigliadin antibody may also indicate disease, \$5.4 Measurement of duodenal mucosal protein synthesis in patients with coeliac disease, \$5.22

Neurological complications of coeliac disease, \$5.4

Prevalence, degree and pathophysiology of bone loss in adult coeliac disease, \$5.4

Coeliac intestine, Time-course of the immunological activation in treated celiac intestine after in vitro exposure to gliadin, \$5.45

Colectomy, Sub-total colectomy or segmental resection for malignant left-sided colonic obstruction, **S2.16**

Colitis

A really useful simple colitis activity index, \$5.29

Prospective comparison of restorative proctocolectomy for indeterminate colitis versus ulcerative colitis, \$2.41

Collagenase, TIMP-1 activity inlipocytes conditioned media predominates over collagenase even after TNF alpha stimulation, S2.19

Colocolonic inhibitory reflex, Adrenoceptors and the colocolonic inhibitory relex, S2.44

Colon, colonic

Are there differences in colonic anatomy between men and women? S2.39

Basal electrogenic ion transport is inhibited by L-NAME in musclestripped but not intact rat colon in vitro, \$2.61

Colonic pouches – motility may explain evacuatory difficulty, \$5.56 Human colonic motility is unaffected by short chain fatty acids in vivo, \$2.25

Hyperventilation increases colonic tone: is hypocapnia the key player? \$5.62

Insulin-like growth factor binding protein production in normal and neoplastic colonic epithelium, \$2.2

Luminal contents and human colonic motility, \$5.57

Motor complex propagation across colonic anastomoses, \$5.56

Na+ channel-specific mRNA is not sufficient for Na+ channel expression in rat colonic epithelium, \$2.61

Proliferative activity in DMG-treated mouse colonic mucosa is enhanced by sulindac, \$2.30

Regional colonic responses to standard stimuli, \$5.56

Structurally weaker adherent colonic mucus gel barrier in ulcerative colitis, \$5.43

Colon cancer

Cost effectiveness of colonoscopic screening of colon cancer families, \$2.26

Dietary factors related to the low incidence of colon cancer in Africans, \$2.25

Expression of EGFR and tumour rates in mouse adenocarcinoma of the colon, \$5.63

Gastrimmune inhibits the growth of two gastrin receptor positive rat colon cancers, \$2.33

Helicobacter pylori and colonic neoplasms, \$5.63

IL-4 and IL-10 inhibit monocyte stimulated growth and motility on human colon cancer cells, \$5.72

Insulin-like growth factor binding protein production in normal and neoplastic colonic epithelium, \$2.2

New gastrin receptor antagonists, possible treatment for colon cancer, \$2.32

Sub-total colectomy or segmental resection for malignant left-sided colonic obstruction, S2.16

Colon J-pouch anal anastomosis, Ambulatory manometry after colon J-pouch anal anastomosis: pouch motility may explain imperfections of continence, S5.62

Colonic epithelial cells

Colonic epithelial cell neutral endopeptidase is an important inactivator of f-met-leu-phe, **S5.42**

Hypoxia induces IL-8 production in colonic and hepatic epithelial cell lines, **S5.46**

Interleukin-13 enhances IL- 1α but not TNF- α -induced chemokine expression in human colonic epithelial cells, **\$5.47**

Protection of colonic epithelial cells against oxidant damage by poly-ADP-ribose polymerase inhibitors, \$5.46

Colonocytes, Anti-colonocyte and anti-tropomyosin serum antibodies in patients with ulcerative colitis, \$2.49

Colonoscopy

A mannitol/Picolax mixture or two-dose polyethylene glycol lavage solution as bowel preparation for colonoscopy? S2.39

Cost effectiveness of colonoscopic screening of colon cancer families, \$2.26

Could compliance with colonoscopic surveillance of ulcerative colitis be improved by patient education? **S2.59**

Early clinical experience with a real-time, 3-dimensional, electromagnetic imaging system to aid colonoscopy, \$2.25

Colorectal cancer

Altered E-cadherin expression in colorectal tumorigenesis, in-vivo and in-vitro comparisons, \$2.2

An employee targeted approach to bowel cancer prevention, \$5.32 Aspirin and non-steroidal anti-inflammatory drug (NSAID) use and symptomatic colorectal cancer, \$2.1

C-erbB-2 gene expression in non-metastatic colorectal cancer, \$2.31 Cimetidine prevents postoperative suppression of immune function following colorectal cancer surgery, \$2.16

Colorectal cancer surgery: is there a role for the nonspecialist? S5.76 Continuous hepatic artery floxuridine infusion prolongs overall and normal quality survival in colorectal liver metastasis patients, S2.30 Endoscopic laser palliation for colorectal cancer, S2.24

Estimated cost and resource implications of potential strategies for colorectal cancer screening in Scotland, S2.26

Fasting and meal-stimulated gastrin levels pre- and post-operatively in colorectal tumour patients, \$2.32

Functional vitamin D3 receptors are present in human colorectal neoplasms, \$5.39

Haemoccult screening improves stage-specific survival from colorectal cancer, \$5.33

In-vivo and in-vitro gene expression in colorectal tumorigenesis, \$2.2 Increasing compliance with colorectal cancer screening: the development of effective health education, \$2.59

Influence of one year calcium suppletion on colorectal epithelial cell proliferation in colorectal adenoma patients, \$2.31

Interval cancers in a colorectal cancer screening programme, \$5.32 L-arginine modulates T-lymphocyte function and inhibits adenocarcinoma growth in a rodent model of colorectal cancer, \$5.63

Predicting survival in obstructing colorectal cancers, \$2.27

Prognostic significance of retinoblastoma gene product expression in colorectal cancer, S2.27

Urokinase-type plasminogen activator (uPA) as a prognostic indicator in colorectal cancer, **S2.1**

Value of a negative flexible sigmoidoscopy as an indicator of low risk of colorectal cancer, \$5.32

Vitamin D, and retinoid X receptor mRNAs are expressed in human colorectal mucosa and neoplasms, \$2.2

Colorectal carcinogenesis, Gastrin receptor expression in chemically induced colorectal carcinogenesis, \$5.64

Common bile duct stones

A direct comparison of laparoscopic ultrasound and laparoscopic cholangiography for detection of common bile duct stones, \$5.34

Detection of common bile duct stones by intravenous cholangiography using meglumine iotroxate (Biliscopin) compared to endoscopic retrograde cholangiography, \$2.56

Presentation and clinical and laboratory features of patients with common bile duct stones, \$2.56

Community, Gastrointestinal and rspiratory symptoms in the community, S5.62

Constipation

Controlled randomized trial of biofeedback versus muscle training alone for intractable constipation, \$2.43

Does delayed gastric emptying recover after colectomy for idiopathic slow transit constipation? **S5.64**

Effect of psyllium therapy on stool characteristics, colon transit and anorectal function in chronic idiopathic constipation, \$5.65

Five year follow up of colectomy and ileorectal anastomosis for slow transit constipation with or without anismus, \$5.64

Human rectocolonic inhibitory reflex - normal and constipated patients, \$2.28

Idiopathic slow transit constipation – is there also an abnormality of gall bladder and gastric function? S5.57

Selective autonomic deficits in slow transit constipation, \$2.28

Contractions, Abnormal contractile patterns identified in small bowel pathology, \$5.61

Copper, Hepatic copper status in neonatal rats and effects of retrorsine, \$5.25

Coronary heart disease, Relation of *Helicobacter pylori* infection and coronary heart disease, S2.64

Cost effectiveness

Cost effectiveness of colonoscopic screening of colon cancer families, \$2.26

Estimated cost and resource implications of potential strategies for colorectal cancer screening in Scotland, S2.26

Cripto-1, A role for Cripto-1 (CR-1) in Barrett's tumorigenesis, **S2.6 Crohn's disease**

An audit of plasma vitamin B12 and folic acid monitoring in outpatients with Crohn's disease, \$5.77

An open trial of anti-platelet therapy in active Crohn's disease using picotamide, a thromboxane antagonist, \$5.28

Detection by polymerase chain reaction of *Mycobacterium* paratuberculosis-specific DNA in Crohn's disease tissues, **S2.42**

Enteral nutrition as primary therapy in Crohn's disease, \$1.55 Familial Crohn's disease: no evidence for genetic linkage to the major

histocompatibility complex, \$2.48 Hyperbaric oxygenation in severe perineal Crohn's disease, \$5.44 Increased L/M permeability index in a fraction of healthy relatives of

Crohn's patients: a subclinical marker, \$5.29 Intestinal permeability, \$1.18

Long chain triglycerides adversely affect dietary treatment of active Crohn's disease, \$2.25

Management of perianal Crohn's disease in 225 patients. Results of a multicentric study, \$5.44

Monocyte numbers and activation in Crohn's disease: superoxide, lysozyme and cytokine production and the effect of elemental diet treatment, **S2.49**

Nutritional supplement with elemental diet as a steroid replacement in patients with steroid-dependent Crohn's disease, \$2.26

Positive benefit of selenium supplementation in Crohn's disease, S2.26

Serum concentrations of interleukin-1 receptor antagonist are a marker of Crohn's disease activity, \$2.41

Soluble ICAM-1 in Crohn's disease: relationships with disease activity, inflammation and immune activation, \$2.42

Vapreotide (Octastatine, RC 160) in the treatment of acute Crohn's disease, S5.72

Cryotherapy, Cryotherapy with liver resection for the treatment of liver tumours, \$2.15

Cryptosporidium sp., Polymerase chain reaction detection of Cryptosporidium sp. in human small intestine, \$5.37

Cystic fibrosis

Adverse hepato-pulmonary interaction in cystic fibrosis - a mechanism for increased mortality? \$2.9

Monitoring pancreatic enzyme supplements in children with cystic fibrosis using a mixed triglyceride breath test, \$5.34

Cytokines

Cytokine mRNA expression in coeliac disease after gliadin challenge,

Cytokine profile in auto-immune liver diseases using the reverse haemolytic plaque assay, \$2.10

Hepatic expression of proinflammatory cytokines in needle liver biopsies detected using hot-start reverse transcriptase PCR, \$5.10

Immunoregulatory cytokine production by lamina propria mononuclear cells from patients with inflammatory bowel disease and controls, \$5.42

Monocyte numbers and activation in Crohn's disease: superoxide, lysozyme and cytokine production and the effect of elemental diet treatment, S2.49

Soluble adhesion molecules and cytokines in autoimmune chronic active hepatitis, \$2.10

The peritoneal cytokine profile in cute peritonitis, \$5.46

Cytoskeletal modifying agents, Effects of cytoskeletal modifying agents on cancer cell motility, \$5.64

Dark-blood (coffee grounds) haematemesis, Does dark-blood (coffee grounds) haematemesis predict a good prognosis in upper gastrointestinal haemorrhage? \$5.59

Delorme's procedure, Restoration of rectal function by the Delorme's procedure for rectal prolapse, \$2.61

Dental erosion, The relationship between gastro-oesophageal reflux and palatal dental erosion, \$5.7

Dexamethasone, Dexamethasone inhibits ulceration and promotes healing of experimental indomethacin-induced jejunal ulceration,

Diarrhoea

An audit of rectal biopsy in the investigation of diarrhoea, \$5.60 Determinants of villus shortening in Zambian patients with HIV related diarrhoea, \$2.29

Diarrhoea, protein losing enteropathy and trace element deficiency in children following bone marrow transplantation, \$5.33

Intestinal proliferative response in intractable diarrhoea, \$5.74

Octreotide in the treatment of refractory diarrhoea and intestinal fistulae, \$3.5

Patients with diarrhoea-predominant irritable bowel syndrome have increased post-prandial plasma 5-hydroxytryptamine, \$2.53

Prospective, randomised, placebo-controlled trial of single dose ciprofloxacin for the treatment of travellers' diarrhoea, \$2.30

Dietary factors, Dietary factors related to the low incidence of colon cancer in Africans, S2.25

Dietary variables, Bacterial translocation: the influence of dietary variables, \$1.23

Distension, Motor and sensory responses of human small bowel to distension: the effect of rate, duration and length, \$2.44

Drugs

Efficacy of a new one week triple therapy regime in eradicating Helicobacter pylori, \$2.62

Prescription of ulcer healing drugs in medical inpatients: do patients know why they are taking them and are the prescriptions appropriate? \$2.58

Drugs, gastric retention, Therapeutic implications of prolonged gastric retention of non-disintegrating oral dosage forms, \$5.55

Dudodenal mucosal protein synthesis, Measurement of duodenal mucosal protein synthesis in patients with coeliac disease, \$5.22

Duodenal mucosa, Histological changes in duodenal mucosa produced by soluble mediators from gliadin sensitive T-cells, \$2.29

Duodenal ulcer (duodenal ulcer disease)

Chronic duodenal ulcer disease: a community based study of the economic and symptomatic benefits of Helicobacter pylori eradication, \$2.63

Duodenal ulcer relapse following successful Helicobacter pylori eradication, S5.17

Effect of pantoprazole, as monotherapy and in combination with amoxicillin, on gastric *H. pylori* status, in duodenal ulcer subjects, S2.63

Gastric juice epidermal growth factor in Helicobacter pylori associated gastritis and duodenal ulcer disease, \$2.33

H. pylori eradication in the African setting: re-infection and duodenal ulcer recurrence, \$2.17

H. pylori and impaired inhibitory control of gastric acid secretion in DU patients, \$2.4

H. pylori lowers duodenal but not corpus somatostatin RNA, in DU patients, S2.18

Helicobacter pylori eradication vs maintenance therapy for the prevention of recurrent bleeding from duodenal ulcer, \$5.17

Interleukin-8 and tumour necrosis factor-alpha RNA in antral mucosa of duodenal ulcer patients, S2.4

Omeprazole in maintenance therapy for duodenal ulcer: effect on gastrin and pepsinogen A and C basal serum levels, \$2.36

Secretion of epidermal growth factor by the stomach in response to histamine: a difference between duodenal ulcer and other subjects, S2.36

Serum CagA IgG antibodies in Helicobacter pylori positive healthy volunteers and patients with dyspeptic disease, \$2.35

The predictive value of Helicobacter pylori negativity for duodenal ulcer recurrence, \$5.17

Duodenogastric reflux, Effect of Helicobacter pylori eradication on duodenogastric reflux, \$5.3

Dyspepsia

A propspective trial of screening dyspepsia using H. pylori serology,

Clinical value of Helicobacter pylori specific salivary IgG in dyspeptic patients, \$2.63

Effect of a selective 5HT3 antagonist ondansetron on symptoms in

functional dyspepsia, S2.37
Gastric emptying and intragastric distribution of low and high fat meals in functional dyspepsia patients, \$2.43

H. pylori does not increase the incidence of dyspepsia associated with NSAID gastropathy, S2.17

Helicobacter pylori serology – audit of local assay and evaluation in screening dyspepsia under 45 years, \$5.74
NSAID dyspepsia: role of H. pylori, prostaglandins and enteric

neurones, \$5.71

Peptic ulcer, dyspepsia and Helicobacter pylori: BSG members perspective and practice, \$2.48

Public education about dyspepsia and gastric cancer, \$2.17

Studies of gastric emptying and histology before and after the eradication of Helicobacter pylori, \$2.18

The Glasgow dyspepsia severity score - a new tool for measuring the clinical and personal impact of dyspepsia, \$5.2

"The sentient gut": enhanced visceral sensation in the oesophagus and rectum in functional dyspepsia, \$5.48

Dysphagia

A randomised comparison of percutaneous endoscopic gastrostomy feeding and nasogastric tube feeding following acute dysphagic stroke, \$5.6

Dysphagia and delay in treatment for oesophageal carcinoma, \$2.5 Mapping the cortical centres for swallowing in man: evidence for hemispheric dominance, \$5.11

The combination of laser treatment and intraluminal radiotherapy for malignant dysphagia, \$5.15

Electrically stimulated neoanal sphincter, Detection of neorectal filling by bioelectrical impedance: an in vivo feasibility study, \$5.65

Electrogastrography, obstruction, S2.46 Electrogastrography in chronic

Electrogenic ion transport, Basal electrogenic ion transport is inhibited by L-NAME in muscle-stripped but not intact rat colon in vitro,

Electromagnetic imaging system, Early clinical experience with a realtime, 3-dimensional, electromagnetic imaging system to aid colonoscopy, \$2.25

Elemental diet

Nutritional supplement with elemental diet as a steroid replacement in patients with steroid-dependent Crohn's disease, \$2.26

Protection from radiation injury by elemental diet: does added glutamine change the effect? \$1.60

ELISA, Who gets false-negative H. pylori ELISA results? S5.1

Endoluminal brush culture, An endoluminal brush to detect the infected central venous catheter in situ in patients receiving intravenous nutrition, S5.5

Endoluminal ultrasound, Endoluminal ultrasound: accuracy and limitations in lymph node evaluation for oesophageal carcinoma, S5.8

Endomisial antibodies, Nuclear expression of anti endomisial antibodies, \$5.22

Endomysial antibodies, Large scale population survey of antibodies to gliadin, reticulin and endomysium, \$5.4

Endoprostheses, A prospective randomised trial of 10 and 11.5 FG endoprostheses in malignant bile duct obstruction, \$5.50

Endorobot, An endorobot for gastrointestinal endoscopy, \$5.52

Endorphins, Bleeding ulcer patients: a study on hormone profile, S2.18 Endoscopes, The use of ultra-thin endoscopes in gastroenterology, S5.79 Endoscopic balloon sphincteroplasty, Endoscopic balloon sphincteroplasty for bile duct stones: efficacy and follow-up in the first 90

patients, \$2,24

Endoscopic retrograde cholangiography, Detection of common bile duct stones by intravenous cholangiography using meglumine iotroxate (Biliscopin) compared to endoscopic retrograde cholangiography, S2.56
Endoscopic retrograde cholangiopancreatography

Can a 2 hour post ERCP serum amylase estimation predict post ERCP acute pancreatitis? \$5.35

Changes in blood pressure and duodenal atony during ERCP. Studies of the influence of buscopan and glucagon, \$5.50

Day case transfer of in-patients for diagnostic and therapeutic ERCP: efficacy and safety, \$5.34

Interval ERCP for gall stone pancreatitis prior to laparoscopic cholecystectomy, S2.55

Review of 1733 ERCP examinations performed in a single centre over five years, \$2.60

Sublingual GTN spray improves success at ERCP cannulation, \$5.36 The use of high frequency ultrasound miniprobes in routine ERCP, S5.51

Endoscopic sphincterotomy

Endoscopic sphincterotomy as sole definitive treatment for gallstone pancreatitis, \$2.56

Endoscopic sphincterotomy in young patients, \$5.51

Sphincterotomy for an empty duct? \$5.51

Endoscopic ultrasound, Early experience of the use of endoscopic ultrasound in an upper G.I. surgical unit, \$2.5

Endoscopy

Comparison of endoscopic mechanical and injection methods of hemostasis on mesenteric vessels, S2.38

Cutting threads at flexible endoscopy, \$5.80

Endoscopic ampullectomy - a new approach to difficult cannulation,

Endoscopy in the Trent Region 1992, S2.24

Failures of endoscopic therapy for bleeding peptic ulcer; an analysis of risk factors, \$2.38

Helicobacter pylori status, endoscopic findings and serology in HIV-1 seropositive patients, \$2.34

Non-anxious patients prefer throat spray alone rather than IV sedation for upper endoscopy, \$2.37

Observer variation in the assessment of stigmata of recent haemorrhage: a multicentre study by 13 skilled endoscopists, \$5.80

Open access endoscopy: how is a developing service viewed by general practitioners? \$2.60

Risk of post-operative death is high after failed endoscopic therapy for bleeding ulcer, \$5.26

Sewing at flexible endoscopy in human gastrointestinal tract, \$2.40 Endothelial phenotypic markers, Expression of adhesion molecules and endothelial phenotypic markers in human orthotopic liver transplantation, \$5.69

Endothelin, [125I] Endothelin-1 binding in normal human intestine and inflammatory bowel disease, \$2.50

Energy content, Haemodynamic and neuroendocrine responses to feeding: relationship to energy content of a meal, \$5.5

Enteral nutrition

Bacterial translocation: the influence of dietary variables, \$1.23

Can arginine and ornithine support gut functions? \$1.42

Clinical significance of translocation, \$1.28

Dietary nucleotides and gut mucosal defence, \$1.46

Effect of medium chain triglycerides (MCT) on jejunal mucosa mass and protein synthesis, \$1.39

Effects of short chain fatty acids on gut morphology and function, S1.35

Enteral nutrition as primary therapy in Crohn's disease, \$1.55

Enteral nutrition as primary therapy in short bowel syndrome, \$1.69 Gut ischaemia, \$1.73

Gut mucosal nutritional support – enteral nutrition as primary therapy after multiple system trauma, \$1.52

Immunological functions of the gut in relation to nutritional state and mode of delivery of nutrients, \$1.10

Intestinal absorptive function, \$1.5

Intestinal permeability, \$1.18

Introduction to Proceedings on Gut Mucosal Nutrition Support -Enteral nutrition as primary therapy? S1.V

Is enteral nutrition a primary therapy in cancer patients? \$1.65

Maintenance of normal intestinal mucosa: function, structure, and adaptation, \$1.1

Protection from radiation injury by elemental diet: does added glutamine change the effect? \$1.60

Quantitative aspects of glucose and glutamine metabolism by intestinal cells, \$1.13

Technical aspects of enteral nutrition, \$1.77

Enteric nervous system, Doubts about nitric oxide as a neurotransmitter in the enteric nervous system, \$5.61

Enteropathy, Dynamic studies of acute indomethacin induced enteropathy: rapid and sustained microvascular stasis, \$2.50

Eosinophil cationic protein, Monoclonal antibodies against major basic protein (BMK-13) and eosinophil cationic protein (EG2) for quantifying eosinophils in human hepatic allograft rejection, \$2.14

Eosinophil infiltration, Non-steroidal anti-inflammatory drug ingestion in humans is associated with increased eosinophil infiltration of duodenal mucosa, \$2.45

Eosinophilic gastroenteritis, Interleukin-3, IL-5 and granulocytemacrophage colony stimulating factor synthesis in the intestinal mucosa of patients with eosinophilic gastroenteritis, \$5.47

Epidermal growth factor

Gastric juice epidermal growth factor in Helicobacter pylori associated gastritis and duodenal ulcer disease, \$2.33

Secretion of epidermal growth factor by the stomach in response to histamine: a difference between duodenal ulcer and other subjects,

Epidermal growth factor receptor, Expression of EGFR and tumour rates in mouse adenocarcinoma of the colon, \$5.63

Epithelial cell proliferation

Cell proliferation in the gastric corpus in Helicobacter pylori associated gastritis and the post-surgical stomach, \$2.34

Eradication of Helicobacter pylori reduces gastric epithelial cell proliferation, \$2.33

The influence of one year calcium suppletion on colorectal epithelial cell proliferation in colorectal adenoma patients, \$2.31

Epithelium

Adenoviral mediated gene transfer to postnatal intestinal epithelium: gene expression in vitro and in vivo, \$2.51 Does topography influence epithelial differentiation and digestive

function in postnatal intestine? S2.51

Na+ channel-specific mRNA is not sufficient for Na+ channel

expression in rat colonic epithelium, S2.61

Escherichia coli, Differential effect of 5HT, receptor antagonism on cholera toxin and E. coli heat labile toxin-induced secretion, \$2.52

Escherichia coli infection, Enteroaggregative Escherichia coli infection in vivo, \$5.37

Ethnic differences, Study into ethnic differences in Leicester of Helicobacter pylori in peptic ulcer disease, \$5.15

Evacuation proctography, Imaging of rectal balloon expulsion compared with evacuation proctography, \$2.62

Expandable metal prostheses, Palliation of oesophageal carcinoma with expandable metal prostheses is a cost-effective procedure, \$5.8

f-met-leu-phe, Colonic epithelial cell neutral endopeptidase is an important inactivator of f-met-leu-phe, \$5.42

Faecal incontinence

Biofeedback training for faecal incontinence: functional implications of vector volume analysis, \$5.32

Faecal incontinence after severe traumatic sphincter rupture, S2.16

Familial adenomatous polyposis

Allelic heterogeneity in familial adenomatous polyposis: a family with mild phenotype and a mutation near the 5' end of the APC gene,

Audit of function, satisfaction and irritable bowel syndrome following restorative proctocolectomy for ulcerative colitis and familial adenomatous polyposis, \$5.27 Germline APC mutation at codon 1061 is associated with severe

duodenal polyposis but not high colonic polyp counts in familial adenomatous polyposis, \$5.40

GST Mul polymorphism in familial adenomatous polyposis, \$5.63 p53 overexpression is closely correlated with grade of duodenal neoplasm in familial adenomatous polyposis, \$5.39

Famotidine, Prevention of NSAID-related gastric and duodenal ulcers by famotidine, \$2.45

Fasting

Fasting may prevent indomethacin-induced jejunal ulceration in the rat by reducing enterohepatic cycling of drug, \$2.38

Fasting and meal-stimulated gastrin levels pre- and post-operatively in colorectal tumour patients, \$2.32

Fatty acids, Omega-3 and omega-6 fatty acids upregulate IL-6-

stimulated hepatocyte acute phase protein production in vitro, S5.10

Fenfluramine, D-Fenfluramine administration is not associated with an increase in plasma cholecystokinin, \$2.57

Fetal mortality, Fetal mortality associated with cholestasis of pregnancy and the potential benefit of therapy with ursodeoxycholic acid, S2.12

Fibresigmoidoscope, Examining the unprepared bowel with the 60cm fibresigmoidoscope - our flexible friend in outpatients, \$5.35

Fibrinogen, Fibrinogen concentration in oesophageal cancer, \$5.14 Fibroblast growth factor

Localization of basic fibroblast growth factor in gastric ulcers, \$5.49 Low basic fibroblast growth factor levels in intact mucosa of gastric ulcer patients: evidence for a constitutional deficiency, \$5.50

Fistula-in-ano, Mucosal advancement flap in the treatment of fistula-inano, \$5.65

FK506 conversion therapy, Experience with FK506 conversion therapy for liver allograft rejection in children, \$2.21

Floxuridine, Continuous hepatic artery floxuridine infusion prolongs overall and normal quality survival in colorectal liver metastasis patients, \$2.30

Free radicals, Determinants for gastric intestinal metaplasia: the role of free radicals, \$5.50

Gallbladder

Meal-stimulated gallbladder emptying in acromegaly. The effect of octreotide treatment, \$2.57

Polypoid lesions of gallbladder, \$2.56

Gallbladder acidification, Gallbladder acidification and bile pH: differences between male and female in the bovine gallbladder model, \$5.66

Gallbladder bile, The fibrinolytic activity of normal and calculous gall bladder bile, \$5.66

Gallbladder stones

Gallbladder stone (GBS) recurrence after medical dissolution: do GBS recur true to type? \$2.57

The role of intestinal transit in the pathogenesis of octreotide-induced gallbladder stones, \$2.57

Gallstone pancreatitis

Endoscopic sphincterotomy as sole definitive treatment for gallstone pancreatitis, \$2.56

Interval ERCP for gall stone pancreatitis prior to laparoscopic cholecystectomy, \$2.55

Gastrectomy, Motility change and perception to balloon distension in the jejunal loop of postgastrectomy patients, \$2.44

Gastric acid secretion

Gastric acid secretion and serum gastrin concentration in cirrhotic patients with Helicobacter pylori infecgtion, \$5.67

Marked rebound acid hypersecretion following treatment with ranitidine, \$2.36

Sucralfate suppresses *H. pylori* infection and reduces gastric acid secretion by 50% in DU patients, **S2.35**

Gastric cancer

Effect of Helicobacter pylori eradication on precancerous lesions of the stomach, S2.33

Gastric cancer presenting with uncomplicated dyspepsia is rare and not worth screening for below the age of 55, \$2.24

Helicobacter pylori infection alone does not predispose to gastric cancer, S5.73

Public education about dyspepsia and gastric cancer, \$2.17

Significant delays in the diagnosis of gastric cancer: a cause for concern? \$5.3

Gastric emptying

Do alterations in the rate of gastric emptying contribute to the pathogenesis of portal hypertensive gastropathy? \$2.13

Does delayed gastric emptying recover after colectomy for idiopathic slow transit constipation? \$5.64

Gastric emptying, motility and flow measured by echo planar magnetic resonance imaging, \$2.46

Gastric emptying and intragastric distribution of low and high fat meals in functional dyspepsia patients, \$2.43

Gastric emptying of a solid meal is accelerated by the removal of fibre naturally present in food, \$5.55

Gastric emptying of solid meal in patients with gastro-oesophageal reflux, \$5.13

Omeprazole markedly delays gastgric emptying, \$5.48

Studies of gastric emptying and histology before and after the eradication of Helicobacter pylori, S2.18

Therapeutic implications of prolonged gastric retention of nondisintegrating oral dosage forms, \$5.55

Gastric juice, Swallowed saliva in gastric juice, \$5.49

Gastric lymphoma, Primary gastric lymphoma in Nottinghamshire 1973-1992, S2.1

Gastric metaplasia, Determinants for gastric intestinal metaplasia: the role of free radicals, \$5.50

Gastric metaplasia of the duodenal bulb, The relationship between gastric acid output and gastric metaplasia of the duodenal bulb, \$5.49

Gastric mucosa, Gastric mucosal damage and adaptation occurs with eneteric coated NSAIDs in man, \$2.37

Gastric mucosal changes, 8 year quantitative follow-up of gastric mucosal changes related to *Helicobacter pylori* infection, **S5.42**

Gastric retention, Therapeutic implications of prolonged gastric reten-

tion of non-disintegrating oral dosage forms, \$5.55

Gastric secretion, Effect of Helicobacter pylori on maximal gastric secretion stimulated with histamine, \$2.18

Gastric ulcer

Bleeding gastric ulcer in the H2RA era, \$2.17

Long term outcome of medical management of gastric ulcer, S2.16 Low basic fibroblast growth factor levels in intact mucosa of gastric ulcer patients: evidence for a constitutional deficiency, \$5.50

Gastrin

Fasting and meal-stimulated gastrin levels pre- and post-operatively in colorectal tumour patients, \$2.32

Gastrimmune inhibits the growth of two gastrin receptor positive rat colon cancers, \$2.33

Histology, IGG, IGA, IGM to Helicobacter pylori, serum pepsinogen I and gastrin in asymptomatic blood donors, \$5.18

New gastrin receptor antagonists, possible treatment for colon cancer, \$2.32 Omeprazole in maintenance therapy for duodenal ulcer: effect on gastrin and pepsinogen A and C basal serum levels, \$2.36

Gastrin receptor expression, Gastrin receptor expression in chemically induced colorectal carcinogenesis, \$5.64

Gastrin receptors, Development of an assay to detect gastrin receptors in gastrointestinal tumours, \$5.73

Cell proliferation in the gastric corpus in Helicobacter pylori associated gastritis and the post-surgical stomach, \$2.34

Cell proliferation in Helicobacter pylori associated gastritis and the long term effect of eradication therapy, \$2.4

Gastric juice epidermal growth factor in Helicobacter pylori associated gastritis and duodenal ulcer disease, \$2.33

Gastro-oesophageal reflux

Gastric emptying of solid meal in patients with gastro-oesophageal reflux, \$5.13

Gastroplasty at flexible endoscopy for gastro-oesophageal reflux disease, \$2.23

Investigation of gastro-oesophageal reflux and acid secretion in patients unresponsive to therapeutic doses of omeprazole, \$5.12

Is defective acid clearance important in severe gastro-oesophageal reflux disease? \$2.5

Presence of a catheter through lower oesophageal sphincter does not promote gastro-oesophageal reflux, \$2.7

Symptoms are questionable indicators of the severity of gastrooesophageal reflux post fundoplication, \$2.7

The relationship between gastro-oesophageal reflux and palatal dental erosion, \$5.7

Tussive effect of capsaicin in symptomatic gastroesophageal refluxers without cough, \$5.12

Understanding the patho-physiology of gastro-oesophageal reflux using a new dynamic model, \$5.6

Gastro-pancreatic secretion, The effect of malnutrition, and intensive nutritional support on total body protein synthesis and gastro-pancreatic secretion, \$2.53

Gastrointestinal symptoms, Gastrointestinal and rspiratory symptoms in the community, \$5.62

Gastrointestinal tract, Sewing at flexible endoscopy in human gastrointestinal tract, \$2.40

Gastrointestinal tumours, Development of an assay to detect gastrin receptors in gastrointestinal tumours, \$5.73

General practitioner run endoscopy

Endoscopy in general practice: one year's experience, \$5.79

Is there a place for a GP run community based endoscopy unit, \$5.78 Open acces endoscopy: satisfying general practitioners and reassuring patients, but increasing hospital workload, \$5.78

Open access endoscopy: how is a developing service viewed by general practitioners? \$2.60

Why does a GP refer to clinic if open access gastroscopy is available?

Genetic predisposition, Genetic predisposition to ulcerative colitis: a detailed study of the HLA region by linkage analysis, \$5.30

Giardia lamblia

DNA fingerprinting of Giardia lamblia with human minisatellites 33.6 and 33.15, S2.51

Stimulation of gut ornithine decarboxylase activity by Giardia lamblia in vivo, \$5.40

The role of the cytoskeleton in Giardia-stimulated ornithine decarboxylase activity, \$5.41

Gliadin

Large scale population survey of antibodies to gliadin, reticulin and

endomysium, \$5.4 Recruitment of mucosal mononuclear cells in the subepithelial and intrepithelial compartments after in vitro exposure to gliadin peptides of the treated celiac intestine: evidence for a local immune response to gliadin, \$5.46

Time-course of the immunological activation in treated celiac intestine after in vitro exposure to gliadin, \$5.45

Gliadin challenge, Cytokine mRNA expression in coeliac disease after

gliadin challenge, S2.54
Gliadin sensitive T-cells, Histological changes in duodenal mucosa produced by soluble mediators from gliadin sensitive T-cells, S2.29

Glucagon, Changes in blood pressure and duodenal atony during ERCP. Studies of the influence of buscopan and glucagon, \$5.50 Glucose

Effect of glucose polymer chain lengths in oral rehydration solutions: studies in secreting rat intestine, \$5.70

Quantitative aspects of glucose and glutamine metabolism by intestinal cells, S1.13

Glutamine

Protection from radiation injury by elemental diet: does added glutamine change the effect? \$1.60

Quantitative aspects of glucose and glutamine metabolism by intestinal cells, \$1.13

Gluten challenge, A comparative, prospective study of rectal gluten challenge in the diagnosis of gluten-sensitivity, \$2.29

Gluten free diet, Effect of a gluten free diet on bone density in coeliac disease, \$5.5

Gluten peptides, In vitro coeliac toxicity of gluten peptides assessed by organ culture, \$5.21

Glyceryl trinitrate, Sublingual GTN spray improves success at ERCP cannulation, \$5.36

Granulocyte-macrophage CSF, Interleukin-3, IL-5 and granulocytemacrophage colony stimulating factor synthesis in the intestinal mucosa of patients with eosinophilic gastroenteritis, \$5.47

GST Mul genetic polymorphism, GST Mul polymorphism in familial adenomatous polyposis, \$5.63

Gut ischaemia, Gut ischaemia, \$1.73

Gut mucosal defence, Dietary nucleotides and gut mucosal defence, S1.46

Gut mucosal nutritional support

Gut mucosal nutritional support – enteral nutrition as primary therapy after multiple system trauma, \$1.52

Proceedings of the Abbott Ross Research Conference, Vevey, Switzerland, June 1992, S1.1-80

H₂-antagonists, Repeat prescribing of H₂-antagonists in general practice - prevalence and underlying diagnosis, \$5.58

H₂-receptor antagonists, Low-dose H₂-receptor antagonists as single post-prandial doses: a placebo-controlled comparative study of overnight pH, \$5.58

Haematological malignancies, Significant transfusional iron overload during treatment of haematological malignancies, \$5.25

Haemoccult screening, Haemoccult screening improves stage-specific survival from colorectal cancer, \$5.33

Haemochromatosis, HLA-G polymorphism in hereditary haemo-

chromatosis, S2.11

Haemostasis, Comparison of endoscopic mechanical and injection methods of hemostasis on mesenteric vessels, \$2.38

Heater probe therapy, Push enteroscopy and heater probe therapy for small bowel bleeding, \$5.36

Height, Association of H. pylori with diminished adult height, \$2.4 Helicobacter pylori

8 year quantitative follow-up of gastric mucosal changes related to Helicobacter pylori infection, \$5.42

A new rapid whole blood test for Helicobacter pylori antibodies could reduce diagnostic oesophagogastroduodenoscopy patients with dyspepsia, \$5.1

A prospective trial of screening dyspepsia using H. pylori serology, \$5.2 A simple 3 minute latex agglutination test for rapid H. pylori serodiagnosis, \$5.1

A successful one week antibiotic regime for Helicobacter pylori eradication, \$5.16

Acquisition of H. pylori infection in British children: community factors or family circumstances? \$2.64

An animal model of Helicobacter pylori infection, \$5.19

Association of H. pylori with diminished adult height, \$2.4

Audit of H. pylori eradication by C14 urea breath tests, \$5.75

Azithromycin in a triple therapy for eradicating Helicobacter pylori, S2.63

Cell proliferation in the gastric corpus in Helicobacter pylori associated gastritis and the post-surgical stomach, \$2.34

Cell proliferation in Helicobacter pylori associated gastritis and the long term effect of eradication therapy, \$2.4

Chronic duodenal ulcer disease: a community based study of the economic and symptomatic benefits of Helicobacter pylori eradication, \$2.63

Clarithromycin for the cure of Helicobacter pylori infection, \$5.16 Clinical value of Helicobacter pylori specific salivary IgG in dyspeptic

patients, \$2.63 Comparison of serum and salivary immunoassays for Helicobacter

pylori, \$5.15 Detection of CagA positive Helicobacter pylori: a comparison of

polymerase chain reaction and immunoblotting protocols, \$2.34 Determination of the optimum dose of omeprazole in a new triple

therapy regimen for eradicating *Helicobacter pylori*, **S5.16**Does *Helicobacter pylori* infection affect growth in children? **S2.64**

Duodenal ulcer relapse following successful Helicobacter pylori eradication, \$5.17

Early serological assessment of Helicobacter pylori eradication, \$2.3 Effect of Helicobacter pylori eradication on duodenogastric reflux, \$5.3 Effect of Helicobacter pylori eradication on precancerous lesions of the stomach, S2.33

Effect of Helicobacter pylori on maximal gastric secretion stimulated with histamine, \$2.18

Effect of pantoprazole, as monotherapy and in combination with amoxicillin, on gastric H. pylori status, in duodenal ulcer subjects, S2.63

Efficacy of a new one week triple therapy regime in eradicating Helicobacter pylori, \$2.62

Eradication of Helicobacter pylori with lansoprazole and clarithromycin, \$5.15

Eradication of Helicobacter pylori reduces gastric epithelial cell proliferation, \$2.33

Gastric acid secretion and serum gastrin concentration in cirrhotic patients with Helicobacter pylori infection, \$5.67

Gastric juice epidermal growth factor in Helicobacter pylori associated gastritis and duodenal ulcer disease, \$2.33

Glucose and urea: sources of carbon for H. pylori? \$5.17

H. pylori does not increase the incidence of dyspepsia associated with NSAID gastropathy, \$2.17

H. pylori eradication in the African setting: re-infection and duodenal ulcer recurrence, \$2.17

H. pylori and impaired inhibitory control of gastric acid secretion in DU patients, \$2.4

H. pylori impairs acid-inhibition of peptone-stimulated acid secretion, ŚŚ.18

H. pylori lowers duodenal but not corpus somatostatin RNA, in DU patients, \$2.18

Helicobacter infection is associated with oesophagitis in patients with Barrett's oesophagus, \$2.5

Helicobacter pylori and colonic neoplasms, \$5.63

Helicobacter pylori eradication therapy. A comparison between either omeprazole or ranitidine in combination with amoxycillin plus metronidazole, \$5.16

Helicobacter pylori eradication vs maintenance therapy for the prevention of recurrent bleeding from duodenal ulcer, \$5.17

Helicobacter pylori growth is inhibited by uptake and incorporation of linoleic acid, \$5.18

Helicobacter pylori induced gastric epithelial interleukin-8 secretion is associated with the CagA positive phenotype, \$2.34

Helicobacter pylori infection alone does not predispose to gastric cancer, **S5.73**

Helicobacter pylori serology - audit of local assay and evaluation in screening dyspepsia under 45 years, \$5.74

Helicobacter pylori status, endoscopic findings and serology in HIV-1 seropositive patients, \$2.34

Histology, IGG, IGA, IGM to Helicobacter pylori, serum pepsinogen I and gastrin in asymptomatic blood donors, \$5.18

HLA class II type and H. pylori-induced gastric atrophy, \$5.45

Increased interleukin-8 mRNA in gastric epithelial cells of patients with Helicobacter pylori infection: detection using a novel quantitative chemiluminescent assay for PCR products, \$5.18

Increased local production of IL-8 and TNF in patients with H. pylori infection, \$2.35

Inhibition of Helicobacter pylori cytotoxin by omeprazole, \$5.37

Intrafamilial clustering of Helicobacter pylori strains and correlation of virulence with disease activity, \$5.1

Isolation of Helicobacter pylori in faeces from patients in the UK, confirmation of culture, \$2.3

NSAID dyspepsia: role of H. pylori, prostaglandins and enteric neurones, \$5.71

Omeprazole can inhibit cell vacuolation in Vero cells induced by culture supernatants of Helicobacter pylori, \$2.35

Peptic ulcer, dyspepsia and Helicobacter pylori: BSG members perspective and practice, \$2.48

Persistent excretion of Helicobacter pylori in faeces after gastric eradication, \$2.3

Reactive oxygen species damage in *H. pylori* gastritis, **\$5.3** Reinfection or recrudescence of *Helicobacter pylori* infection, **\$2.3**

Relation of Helicobacter pylori infection and coronary heart disease, S2.64

Relative role of cytotoxin and urease of Helicobacter pylori in cell vacuolation of cultured Vero cells, \$2.36

Studies of gastric emptying and histology before and after the eradication of *Helicobacter pylori*, **S2.18**

Study into ethnic differences in Leicester of Helicobacter pylori in peptic ulcer disease, \$5.15

Sucralfate suppresses *H. pylori* infection and reduces gastric acid secretion by 50% in DU patients, **S2.35**

Survival of Helicobacter pylori in animal models, \$5.19

The effect of Helicobacter pylori eradication on the well-being of patients with peptic ulcer, \$5.2

The predictive value of Helicobacter pylori negativity for duodenal

ulcer recurrence, \$5.17

The prevalence of parietal cells in the duodenum and their relationship to Helicobacter pylori infection, \$5.3

Treatment of Helicobacter pylori infection - relationship between

initial eradication rate and the observed 're-infection' rate six months post treatment, \$5.2

Who gets false-negative H. pylori ELISA results? S5.1 Hepatic "P MRS, Hepatic "P MRS in chronic graft rejection, S5.25

Hepatic artery

ATP dilates the hepatic artery via P₁-purinoceptors, **S2.9**

Continuous hepatic artery floxuridine infusion prolongs overall and normal quality survival in colorectal liver metastasis patients, \$2.30

Hepatic carcinoma, Imaging of secondary carcinoid tumours of the liver: comparison of I¹²³-metaiodobenzylguanidine and IN¹¹³-metaiodobenzylguanidine and IN¹¹³-metaiodob labelled octreotide scans, \$2.32

Hepatic encephalopathy, Proton MRS in chronic hepatic encephalopathy, \$5.24

Hepatic epithelial cell lines, Hypoxia induces IL-8 production in colonic and hepatic epithelial cell lines, \$5.46

Hepatic failure, Autonomic dysfunction in fulminant hepatic failure, \$5.68

Hepatitis

Hepatocellular carcinoma in auto-immune chronic acrive hepatitis: the role of hepatitis C infection, \$2.19

Soluble adhesion molecules and cytokines in autoimmune chronic active hepatitis, \$2.10

Hepatitis A, Salivary immunoglobulins as diagnostic markers of previous hepatitis A infection, \$2.11

Hepatitis B

Do health service guidelines for hepatitis B vaccination work? \$5.76 Temporary heterotopic auxiliary liver transplantation for fulminant hepatitis B, \$2.12

Hepatitis C

Chronic hepatitis C and ursodeoxycholic acid treatment. Are HCV genotypes important? \$5.69

Hepatitis C virus infection in acute liver diseases from a North Indian hospital, \$5.68

Recognition of hepatitis C complicating alcoholic liver disease, \$2.11 Serotypic variation and clinical characteristics of chronic hepatitis C detected at blood donor screening, \$2.19

Serum and tissue vascular adhesion molecules in hepatitis C, \$5.68 The association of hepatitis C viral infection with porphyria cutanea tarda in the Lothian region of Scotland, \$5.40

Hepato-pulmonary interaction, Adverse hepato-pulmonary interaction in cystic fibrosis - a mechanism for increased mortality? S2.9

Hepatocarcinogenesis, Mice with homozygous disruption of the MDR2 P-glycoprotein gene; an animal model for studies of nonsuppurative inflammatory cholangitis and hepatocarcinogenesis, \$5.9
Hepatocellular carcinoma

Hepatocellular carcinoma in auto-immune chronic active hepatitis: the role of hepatitis C infection, \$2.19

Survival and side effects after transcatheter arterial chemoembolization in hepatocellular carcinoma, \$5.72

Treatment of hepatocellular carcinoma with somatostatin, \$5.72

Hepatocellular cholangiocarcinoma, p53 mutation in mixed hepatocellular cholangiocarcinoma, \$5.38

Hepatocyte growth factor gene, Transfection of the HGF gene into an immortal liver epithelial cell line markedly slows growth, \$5.60

Hepatocyte proliferation, Is the storage of retinoids in the liver important to hepatocyte proliferation, \$5.74

Hepatocyte regeneration, IL-1 is a major contributor to the control of hepatocyte regeneration after partial hepatectomy, \$5.74

Hepatorenal reflex, Reduction in renal blood flow with acute increase in the portal pressure gradient. Evidence for the existence of hepatorenal reflex in man? \$5.9

Hepatotoxicity, The need for audit: preventable deaths due to hepatotoxicity of anti-tuberculous chemotherapy, \$5.77

HIDA scanning, HIDA scanning for detecting early biliary complications of orthotopic liver transplantation, \$2.55

Hindgut dysmotility, The pathophysiology of hindgut dysmotility - a failure to generate high pressure waves, \$2.62

Histamine, Secretion of epidermal growth factor by the stomach in response to histamine: a difference between duodenal ulcer and other subjects, \$2.36

Histoacryl, Bleeding peptic ulcer: injection of adrenaline or tissue adhesive (histoacryl), \$5.36

Helicobacter pylori status, endoscopic findings and serology in HIV-1 seropositive patients, \$2.34

HIV infection, Faecal tumour necrosis factor-alpha and faecasl alphaone-antitrypsin in HIV infection, \$5.40

HIV-1 RNA, Identification of HIV-1 RNA in intestinal tissue, S5.37 HLA

HLA-class II phenotypes in coeliac disease and enteropathy-associated T-cell lymphoma, S2.53

HLA class II type and *H. pylori*-induced gastric atrophy, **\$5.45** HLA-G polymorphism in hereditary haemochromatosis, **\$2.11**

Home parenteral nutrition, An ongoing audit of home parenteral nutrition: monitoring the effects of change on the incidence of complications, \$2.58

5-Hydroxytryptamine

Cholera toxin stimulates 5-hydroxytryptamine release into human jejunum, \$5.54

Differential effect of 5HT, receptor antagonism on cholera toxin and E. coli heat labile toxin-induced secretion, \$2.52

Effect of a selective 5HT, antagonist ondansetron on symptoms in functional dyspepsia, \$2.37

Increased blood levels of 5-hydroxytryptamine in coeliac disease, \$5.22

Patients with diarrhoea-predominant irritable bowel syndrome have increased post-prandial plasma 5-hydroxytryptamine, \$2.53

Tissue 5-hydroxytryptamine content in rat small intestine in absorptive and secretory states, \$5.54

Hyoscine-n-butyl bromide, Intravenous hyoscine-n-butyl bromide and inhaled nitrous oxide/oxygen mixture improve the quality of flexible sigmoidoscopy, \$5.80

Hyperbaric oxygenation, Hyperbaric oxygenation in severe perineal Crohn's disease, \$5.44

Hypermanganasaemia, Paediatric TPN and hypermanganasaemia,

Hyperventilation, Hyperventilation increases colonic tone: is hypocapnia the key player? \$5.62

Hypnotherapy, Hypnotherapy: effect on quality of life and economic consequences of irritable bowel syndrome, \$5.58

Ileoanal pouch

Factors associated with functional outcome in ileoanal pouch construction for ulcerative colitis, \$5.27

How long does a pouch live - causes of pouch failure and life expectancy of the ileoanal pouch, \$5.27

Imaging, Imaging of secondary carcinoid tumours of the liver: comparison of I¹³-metaiodobenzylguanidine and IN¹¹-labelled octreotide scans, S2.32

Immunoglobulins, Histology, IGG, IGA, IGM to Helicobacter pylori, serum pepsinogen I and gastrin in asymptomatic blood donors, S5.18

Immunogold electron microscopy, Confirmation of persistent measles virus infection of intestinal tissue by immunogold electron microscopy, \$5.41

Immunology, gut, Immunological functions of the gut in relation to nutritional state and mode of delivery of nutrients, \$1.10

"In chloride-transferring scanning, "In chloride-transferrin scanning for detection and quantification of protein losing enteropathy, S5.19

Indomethacin

Dexamethasone inhibits ulceration and promotes healing of experimental indomethacin-induced jejunal ulceration, S5.44

Dynamic studies of acute indomethacin induced enteropathy: rapid and sustained microvascular stasis, \$2.50

Fasting may prevent indomethacin-induced jejunal ulceration in the rat by reducing enterohepatic cycling of drug, \$2.38

Morphological and biochemical changes in the rat intestine in response to chronic indomethacin, \$2.43

Inflammatory bowel disease

[125I] Endothelin-1 binding in normal human intestine and inflammatory bowel disease, \$2.50

Anti-neutrophil antibodies in familial inflammatory bowel disease: specificity for ulcerative colitis but not Crohn's disease in genetically related individuals, \$2.42

Appendicectomy, tonsillectomy and inflammatory bowel disease,

Audit of education and work record of Scottish children with inflammatory bowel disease, \$2.59

Childhood risk factors for inflammatory bowel disease, including measles infections, \$2.40

Immunoregulatory cytokine production by lamina propria mononuclear cells from patients with inflammatory bowel disease and controls, \$5.42

Inherited coagulopathies protect against inflammatory bowel disease,

Monitoring of growth and development variables in children with inflammatory bowel disease, \$5.77

Morbidity and treatment in Scottish children with IBD - a comparison of two cohorts from '68-'83 and '84-'88, \$5.78

Outpatient review for inflammatory bowel disease: a valuable exercise? S2.48

Quantification of interleukin-8 mRNA using reverse transcription-PCR technique in inflammatory bowel disease and in irritable bowel syndrome, \$5.43

Reduced expression of neutrophil neutral endopeptidase in inflammatory bowel disease, \$2.49

Specificity and significance of ANCA in inflammatory bowel disease, S2.49

Stimulus to neutrophil migration into the gut lumen in IBD, S5.43

Survey of information received by patients about inflammatory bowel disease, \$2.59

Urinary nitrite dipstick: a reliable disease activity marker in inflammtory bowel disease, \$2.41

Inflammatory mediator production, Intgerleukin 10 inhibits inflammatory mediator production in ulcerative colitis, \$2.48

Insulin-like growth factor, Insulin-like growth factor binding protein production in normal and neoplastic colonic epithelium, \$2.2

Integrins, Integrins and migration of oesophageal keratinocytes, \$2.31

Intensive sclerotherapy, Intensive sclerotherapy does not prevent recurrence of oesophageal varices, \$5.23

Intercellular adhesion molecule-1

Clinical significance of soluble intercellular adhesion molecule-1 in chronic liver disease, \$2.20

Soluble ICAM-1 in Crohn's disease: relationships with disease activity, inflammation and immune activation, **S2.42**

Interferon-gamma

Cytokine profile in auto-immune liver diseases using the reverse haemolytic plaque assay, \$2.10

Expression of interferon-gamma, tumour necrosis factor-alpha and interleukins-6 and -2 in pouchitis mucosa, \$2.40

Interleukin-1

IL-1 is a major contributor to the control of hepatocyte regeneration after partial hepatectomy, \$5.74

Serum concentrations of interleukin-1 receptor antagonist are a marker of Crohn's disease activity, **\$2.41**

Interleukin-2

Cytokine profile in auto-immune liver diseases using the reverse haemolytic plaque assay, \$2.10

Expression of interferon-gamma, tumour necrosis factor-alpha and interleukins-6 and -2 in pouchitis mucosa, **S2.40**Interleukin-3, Interleukin-3, IL-5 and granulocyte-macrophage colony

Interleukin-3, Interleukin-3, IL-5 and granulocyte-macrophage colony stimulating factor synthesis in the intestinal mucosa of patients with eosinophilic gastroenteritis, \$5.47

Interleukin-4, IL-4 and IL-10 inhibit monocyte stimulated growth and motility on human colon cancer cells, \$5.72

Interleukin-4 mRNA, Upregulation of interleukin 4 mRNA in inflamed intestinal mucosa. Is this increase real or apparent? S5.30

Interleukin-6

Expression of interferon-gamma, tumour necrosis factor-alpha and interleukins-6 and -2 in pouchitis mucosa, **S2.40**

IL-8 and IL-6 are produced constitutively by human pancreatic cancer cell lines, \$5.39

Supplemental taurine reduces plasma IL-6 concentrations but enhances pulmonary neutrophil sequestration in rodent intraperitoneal sepsis, \$2.60

Interleukin-8

Down-regulation of interleukin-8 production from peripheral blood mononuclear cells from patients with acute pancreatitis by IL-4 and IL-10, \$5.45

Helicobacter pylori induced gastric epithelial interleukin-8 secretion is associated with the CagA positive phenotype, **S2.34**

Hypoxia induces IL-8 production in colonic and hepatic epithelial cell lines, \$5.46

IL-8 and IL-6 are produced constitutively by human pancreatic cancer cell lines, \$5.39

Increased local production of IL-8 and TNF in patients with *H. pylori* infection, **S2.35**

Interleukin-8 and tumour necrosis factor-alpha RNA in antral mucosa of duodenal ulcer patients, S2.4

Titres of serum IL-8 correlate with the presence of an acute phase response in patients with pancreatic cancer, \$5.73

Interleukin-8 mRNA

Increased interleukin-8 mRNA in gastric epithelial cells of patients with *Helicobacter pylori* infection: detection using a novel quantitative chemiluminescent assay for PCR products, \$5.18

Quantification of interleukin-8 mRNA using reverse transcription-PCR technique in inflammatory bowel disease and in irritable bowel syndrome, \$5.43

Interleukin-10, Interleukin 10 inhibits inflammatory mediator production in ulcerative colitis, \$2.48

Interleukin-13, Interleukin-13 enhances IL-1\alpha but not TNF-\alpha-induced chemokine expression in human colonic epithelial cells, \$5.47

Intestinal absorptive function, Intestinal absorptive function, S1.5 Intestinal cells, Quantitative aspects of glucose and glutamine meta-

bolism by intestinal cells, S1.13

Intestinal epithelial cells, Cellular responses of intestinal epithelial cells

to toxin A of C. difficile, \$5.38

Intestinal fistulae, Octreotide in the treatment of refractory diarrhoea

and intestinal fistulae, S3.5

Intestinal mucosa, Maintenance of normal intestinal mucosa: function,

structure, and adaptation, \$1.1

Intestinal proliferative response, Intestinal proliferative response in

intractable diarrhoea, \$5.74

Intraluminal irradiation, High-dose rate intraluminal irradiation for

esophageal cancer in clinical practice, \$2.7

Intrathoracic stomach, Gastric fundal tone and perception of the intrathoracic stomach after radical oesophagectomy, \$5.27

Intravenous nutrition, An endoluminal brush to detect the infected central venous catheter in situ in patients receiving intravenous nutrition, \$5.5

Inulin, Inulin is a better probe than lactulose for the measurement of orocaecal transit time, S5.19

Iron-deficiency anaemia, Audit of the investigation and outcome of iron-deficiency anaemia in one health district, S2.47

Iron overload, Significant transfusional iron overload during treatment of haematological malignancies, S5.25

Iron transfer

Enhanced intestinal iron transfer in 2-3 day streptozotocin-diabetic rats, \$5.21

Increased iron transfer in overnight fasted rats, \$2.52

Irritable bowel syndrome

Altered bladder function and oesopheageal pain threshold in irritable bowel syndrome, \$2.21

Does routine abdominal ultrasound enhance diagnostic accuracy in irritable bowel syndrome, \$5.57

Effect of acute stress on ano-rectal physiology in patients with irritable bowel syndrome, **S5.62**

Enhanced sensitivity at both ends of the gut in patients with irritable bowel syndrome, **S2.47**

Fed state motor abnormalities in irritable bowel syndrome, \$2.46

Hypnotherapy: effect on quality of life and economic consequences of irritable bowel syndrome, \$5.58

Natural history of bowel symptom reports in consulters and nonconsulters with irritable bowel syndrome, \$5.57

Patients with diarrhoea-predominant irritable bowel syndrome have increased post-prandial plasma 5-hydroxytryptamine, \$2.53

Prevalence of irritable bowel syndrome in chronic fatigue, \$2.47

Quantification of interleukin-8 mRNA using reverse transcription-PCR technique in inflammatory bowel disease and in irritable bowel syndrome, \$5.43

Ischaemia, Gut ischaemia, S1.73

Island advancement flaps, Island advancement flaps in the treatment of anal fissures, S2.62

Jejunal loop, Motility change and perception to balloon distension in the jejunal loop of postgastrectomy patients, **S2.44**

Jejunal mucosa, Effect of medium chain triglycerides (MCT) on jejunal mucosa mass and protein synthesis, \$1.39

Jejunal ulceration, Fasting may prevent indomethacin-induced jejunal ulceration in the rat by reducing enterohepatic cycling of drug, \$2.38

Kato-3 gastric carcinoma cell line, Induction of anchorage dependence by the trefoil peptide PSP upon Kato-3 gastric carcinoma cell line, \$5.53

Keratinocytes, Integrins and migration of oesophageal keratinocytes, \$2.31

Kirsten-ras mutations, Identification of Kirsten-ras mutations in bile of patients with pancreatic and biliary carcinomas, S5.38

L-arginine, L-arginine modulates T-lymphocyte function and inhibits adenocarcinoma growth in a rodent model of colorectal cancer, \$5.63

L-NAME

A vasopressin V₁-receptor antagonist protects against acute intestinal vascular damage induced by nitric oxide synthase inhibition in the endotoxaemic rat, S2.52

Basal electrogenic ion transport is inhibited by L-NAME in musclestripped but not intact rat colin *in vitro*, **S2.61**

Lansoprazole

Eradication of *Helicobacter pylori* with lansoprazole and clarithromycin, **S5.15**

Lansoprazole is superior to ranitidine 300mg bd in prevention of relapse of reflux oesophagitis, \$5.58

Laparoscopic cholecystectomy

Increased rate of cholecystectomy in Scotland following introduction of laparoscopic cholecystectomy, **S5.34**

Instrument safety during laparoscopic cholecystectomy, \$5.26

Interval ERCP for gall stone pancreatitis prior to laparoscopic cholecystectomy, \$2.55

Laparoscopic cholecystectomy can be performed with acceptable morbidity and mortality, \$2.55

Laparoscopic choledochoscopy, Laparoscopic choledochoscopy during cholecystectomy, S2.55

Laparoscopic fundoplication

Ā prospective, objective evaluation of laparoscopic fundoplication, \$2.8

Prospective randomised trial of laparoscopic versus open Nissen fundoplication, S2.15

Laparoscopic resection rectopexy, A retrospective evaluation of the results of laparoscopic resection rectopexy compared to transabdominal sutured resection rectopexy, \$5.65

Laparoscopic splenectomy, Technique of laparoscopic splenectomy using a powered vascular linear stapler, **\$5.26**

Laparoscopic ultrasound, A direct comparison of laparoscopic ultrasound and laparoscopic cholangiography for detection of common bile duct stones, \$5.34

Laparoscopy

Diagnostic value of laparoscopy in peritoneal diseases presenting as ascitis of unknown origin, \$5.52

The role of laparoscopy in AIDS, \$5.26

Large bowel cancer, Lessons from aggressive colonoscopic follow up of large bowel cancer, \$5.36

Laser endoscopy, Endoscopic laser palliation for colorectal cancer,

Laser lithotripsy, Laser lithotripsy of large stones in the bile duct with a stone recognition system, \$5.51

Lasers

Laser recanalisation followed by brachytherapy in the palliation of adenocarcinoma of the oesophagus and cardia, \$2.39

The combination of laser treatment and intraluminal radiotherapy for malignant dysphagia, \$5.15

The incidence and management of laser associated oesophageal perforation, S2.9

Lateral internal sphincterotomy, Why do anal fissures heal after lateral internal sphincterotomy? S2.61

Latex agglutination test, A simple 3 minute latex agglutination test for rapid H. pylori serodiagnosis, \$5.1

Leukotriene B₄, Inactivation of rectal LTB₄ in vivo and by Caco2 cells in vitro, \$5.47

Linoleic acid, Helicobacter pylori growth is inhibited by uptake and incorporation of linoleic acid, \$5.18

Lipocytes, TIMP-1 activity inlipocytes conditioned media predominates over collagenase even after TNF alpha stimulation, \$2.19

Liver allograft rejection, Eosinophil response to OKT, therapy in human liver allograft rejection, \$5.45

Day case liver biopsy in Victoria using ultrasound and 'Biopty' gun: safe, quick and cost-effective, \$2.58

Percutaneous liver biopsy - the influence of clotting status and ultrasound guidance on complication rate, \$2.12

Ultrasound guided or undirected liver biopsy? \$5.59

Liver disease

Clinical significance of soluble intercellular adhesion molecule-1 in chronic liver disease, \$2.20

Measurement of neutrophil elastase inpatients with chronic liver disease, \$5.69

Liver metastases, Continuous hepatic artery floxuridine infusion prolongs overall and normal quality survival in colorectal liver metastasis patients, \$2.30

Liver resection, Cryotherapy with liver resection for the treatment of liver tumours, \$2.15

Liver transplant rejection, Hepatic ³¹P MRS in chronic graft rejection, S5.25

Liver transplantation

Abscesses after liver transplantation: a 10- year study, \$5.41

Expression of adhesion molecules and endothelial phenotypic markers in human orthotopic liver transplantation, \$5.69

HIDA scanning for detecting early biliary complications of orthotopic liver transplantation, \$2.55

Monoclonal antibodies against major basic protein (BMK-13) and eosinophil cationic protein (EG2) for quantifying eosinophils in human hepatic allograft rejection, \$2.14

Role of neutrophil activation in reperfusion injury following liver transplant, \$2.10

Role of reactive oxygen intermediates in the pathogenesis of primary graft dysfunction following liver transplantation, \$5.70

Temporary hetertopic auxiliary liver transplantation for fulminant hepatitis B, S2.12

Liver tumours, Cryotherapy with liver resection for the treatment of liver tumours, \$2.15

Local anaesthetic throat spray, Local anaesthetic throat spray in the over 60's allows increased throughput on an endoscopic gastrointestinal unit, \$5.75

Long chain triglycerides, Long chain triglycerides adversely affect dietary treatment of active Crohn's disease, \$2.25

Low anterior resection, Recovery of physiology and function in the first year after low anterior resection of the rectum for carcinoma: does it occur? S2.60

Lower oesophageal sphincter pressure, A comparison of threedimensional and conventional manometric methods in assessing changes in lower oesophageal sphincter pressure during fasting, S5.6

Lymph node, Endoluminal ultrasound: accuracy and limitations in lymph node evaluation for oesophageal carcinoma, \$5.8

Lymphocytes, Activated lymphocytes in the liver of patients with primary sclerosing cholangitis, \$2.20

Lymphomas, Coeliac disease and intestinal lymphoma, S2.32 Lysozymes, Monocyte numbers and activation in Crohn's disease: superoxide, lysozyme and cytokine production and the effect of elemental diet treatment, **S2.49**

Magnetic resonance imaging

Dynamic, contrast enhanced magnetic resonance imaging: the imaging modality of choice for severe acute pancreatitis? \$2.15

Gastric emptying, motility and flow measured by echo planar magnetic resonance imaging, S2.46

Major histocompatibility complex, Familial Crohn's disease: no evidence for genetic linkage to the major histocompatibility complex, \$2.48

Mannitol/Picolax, A mannitol/Picolax mixture or two-dose polyethylene glycol lavage solution as bowel preparation for colonoscopy? **S2.39**

MDR2 P-glycoprotein gene, Mice with homozygous disruption of the MDR2 P-glycoprotein gene; an animal model for studies of nonsuppurative inflammatory cholangitis and hepatocarcinogenesis, \$5.9

Measles virus

Confirmation of persistent measles virus infection of intestinal tissue by immunogold electron microscopy, \$5.41

Novel molecular approaches in gastroenterology: direct in situ reverse transcription/PCR for detection of measles virus, \$5.41

Medical audit, An ongoing audit of home parenteral nutrition: monitoring the effects of change on the incidence of complications, S2.58

Medium chain triglycerides, Effect of medium chain triglycerides (MCT) on jejunal mucosa mass and protein synthesis, \$1.39

Meglumine iotroxate, Detection of common bile duct stones by intravenous cholangiography using meglumine iotroxate (Biliscopin) compared to endoscopic retrograde cholangiography, \$2.56

Mesalazine, A randomised trial comparing the efficacy and safety of 5-ASA and prednisolone foam enemas in the treatment of acute distal ulcerative colitis, \$2.42

Mesenteric vessels, Comparison of endoscopic mechanical and injection methods of hemostasis on mesenteric vessels, \$2.38

Metronidazole

A successful one week antibiotic regime for Helicobacter pylori eradication, \$5.16

Helicobacter pylori eradication therapy. A comparison between either omeprazole or ranitidine in combination with amoxycillin plus metronidazole, \$5.16

Microsphere injection, Regulation of portal venous pressure by intrahepatic shunts after microsphere injection in the rat, \$5.9

Microspheres, Oesophageal cell endocytosis of fluorescent microspheres. A comparison of normal and inflamed oesophagus, \$5.14

Microvascular injury, Dynamic studies of acute indomethacin induced enteropathy: rapid and sustained microvascular stasis, \$2.50

Monoclonal antibodies, Monoclonal antibodies against major basic protein (BMK-13) and eosinophil cationic protein (EG2) for quantifying eosinophils in human hepatic allograft rejection, \$2.14

Monocytes, Monocyte numbers and activation in Crohn's disease: superoxide, lysozyme and cytokine production and the effect of elemental diet treatment, \$2.49

Monomethyl-L-arginine, The effect of N°-monomethyl-L-arginine on portal pressure gradient and azygos blood flow amongst patients with cirrhosis, \$2.20

Fed state motor abnormalities in irritable bowel syndrome, \$2.46 Gastric emptying, motility and flow measured by echo planar magnetic resonance imaging, \$2.46

Octreotide in gastrointestinal motility disorders, \$3.11

Motor responses, Motor and sensory responses of human small bowel to distension: the effect of rate, duration and length, \$2.44

Mucosa

Mucosal erosions in chronic NSAID users. Predisposition to ulceration and relationship to Helicobacter pylori, \$2.45

Non-steroidal anti-inflammatory drug ingestion in humans is associated with increased eosinophil infiltration of duodenal mucosa, \$2.45 Upregulation of interleukin 4 mRNA in inflamed intestinal mucosa. Is this increase real or apparent? \$5.30

Mucosa associated lymphoid tissue, The endoscopic spectrum of primary non-Hodgkin's lymphoma of the stomach: the impact of the MALT (mucosa associated lymphoid tissue) classification, S2.39

Mucosal advancement flap technique, Mucosal advancement flap in the treatment of fistula-in-ano, \$5.65

Multiple system trauma, Gut mucosal nutritional support - enteral nutrition as primary therapy after multiple system trauma, \$1.52

Muscarinic receptors, Pharmacological characterisation of muscarinic receptors which mediate contractility of human colon, \$5.61

Mycobacterium paratuberculosis, Detection by polymerase chain reaction of Mycobacterium paratuberculosis-specific DNA in Crohn's disease tissues, \$2.42

N-acetylcysteine

N-acetylcysteine - a mixed blessing? \$5.69

N-acetylcysteine is a potent peripheral vasodilator, \$5.10

Pharmacokinetics of N-acetylcysteine are altered in chronic liver disease, \$5.11

Naproxen, Does adaptation to naproxen occur in humans? \$5.70

Nasogastric tube feeding, A randomised comparison of percutaneous endoscopic gastrostomy feeding and nasogastric tube feeding following acute dysphagic stroke, \$5.6

Neorectal filling, Detection of neorectal filling by bioelectrical impedance: an in vivo feasibility study, \$5.65

Neurological complications, Neurological complications of coeliac disease, \$5.4

Neutrophil elastase, Measurement of neutrophil elastase inpatients with chronic liver disease, \$5.69

Neutrophil migration, Stimulus to neutrophil migration into the gut lumen in IBD, S5.43

Neutrophil neutral endopeptidase, Reduced expression of neutrophil neutral endopeptidase in inflammatory bowel disease, \$2.49

Neutrophils, Role of neutrophil activation in reperfusion injury following liver transplant, \$2.10

Nissen fundoplication, Prospective randomised trial of laparoscopic versus open Nissen fundoplication, \$2.15

Nitric oxide

A vasopressin V₁-receptor antagonist protects against acute intestinal vascular damage induced by nitric oxide synthase inhibition in the endotoxaemic rat, \$2.52

Aminosalicylic acid derivatives bind nitric oxide, \$5.71

Doubts about nitric oxide as a neurotransmitter in the enteric nervous system, **S5.61**

Metabolites of nitric oxide in severe acute ulcerative colitis, \$5.30

Tissue expression of inducible nitric oxide synthase in ulcerative colitis, \$2.40

Nitric oxide synthase, Do rectal myenteric nitric oxide synthase neurones innervate internal anal sphincter? Retrograde neuronal tracing in a guinea pig model, \$5.31

Nitrous oxide/oxygen mixture, Intravenous hyoscine-n-butyl bromide and inhaled nitrous oxide/oxygen mixture improve the quality of

flexible sigmoidoscopy, \$5.80

Non-disintegrating drugs, Therapeutic implications of prolonged gastric retention of non-disintegrating oral dosage forms, \$5.55

Non-Hodgkin's lymphoma, The endoscopic spectrum of primary non-Hodgkin's lymphoma of the stomach: the impact of the MALT (mucosa associated lymphoid tissue) classification, \$2.39

Non-steroidal anti-inflammatory drugs

Aspirin and non-steroidal anti-inflammatory drug (NSAID) use and symptomatic colorectal cancer, \$2.1

Emergency admissions and deaths from upper gastrointestinal crises in relation to NSAID use, \$2.45

Gastric mucosal damage and adaptation occurs with eneteric coated NSAIDs in man, \$2.37

H. pylori does not increase the incidence of dyspepsia associated with NSAID gastropathy, \$2.17

Intestinal permeability, \$1.18

Mucosal erosions in chronic NSAID users. Predisposition to ulceration and relationship to Helicobacter pylori, \$2.45

Non-steroidal anti-inflammatory drug ingestion in humans is associated with increased eosinophil infiltration of duodenal mucosa, S2.45

NSAID dyspepsia: role of H. pylori, prostaglandins and enteric neurones, \$5.71

Oesophagitis is common in patients with rheumatic diseases and is increased by NSAIDs, \$2.8

Prevention of NSAID-related gastric and duodenal ulcers by famotidine, \$2.45

Prevention of NSAIDs-induced gastroduodenal lesions in arthritic patients by sucralfate gel, S2.44

Substance P containing enteric neurones and prostaglandin E, in nonsteroidal anti-inflammatory drug ulceration, \$2.37

Topical NSAIDs and upper gastrointestinal bleeding and perforation, Š5.49

Nonsuppurative inflammatory cholangitis, Mice with homozygous disruption of the MDR2 P-glycoprotein gene; an animal model for studies of nonsuppurative inflammatory cholangitis and hepatocarcinogenesis, \$5.9

Nucleotides, Dietary nucleotides and gut mucosal defence, \$1.46 Nutrition, The effect of malnutrition, and intensive nutritional support on total body protein synthesis and gastro-pancreatic secretion,

Octreotide

Effects of octreotide on hepatic energy metabolism in portal hypertension, S2.13

Meal-stimulated gallbladder emptying in acromegaly. The effect of octreotide treatment, \$2.57

Octreotide in gastrointestinal motility disorders, \$3.11

Octreotide in the treatment of refractory diarrhoea and intestinal fistulae, \$3.5

Octreotide in variceal bleeding, \$3.23

Role of intestinal transit in the pathogenesis of octreotide-induced gallbladder stones, \$2.57

Role of somatostatin and its analogues in the treatment of acute and chronic pancreatitis, \$3.15

Role of stomatostatin and somatostatin analogues in the treatment of gastrointestinal diseases: prevention of complications after pancreatic surgery, \$3.20

Somatostatin and somatostatin analogues: pharmacokinetics and pharmacodynamic effects, \$3.1

Oesophageal cancer (carcinoma)

Aggressive surgery for oesophageal carcinoma - is it worth it? \$5.8 Altered gene expression of c-erbB3 during oesophageal tumorignensis, applications for surveillance, S2.1

Dysphagia and delay in treatment for oesophageal carcinoma, \$2.5 Endoluminal ultrasound: accuracy and limitations in lymph node evaluation for oesophageal carcinoma, \$5.8

Endoscopic palliation of oesophageal cancer: experience with a novel expandable (microvasive) metal prosthesis, \$2.23

Expression of plasminogen activators and their inhibitors in oesophageal carcinoma, \$5.38

Fibrinogen concentration in oesophageal cancer, \$5.14

High-dose rate intraluminal irradiation for esophageal cancer in clinical practice, \$2.7

Laser recanalisation followed by brachytherapy in the palliation of adenocarcinoma of the oesophagus and cardia, \$2.39

Macroscopic shape and node involvement in the superficial type of oesophageal cancer, \$2.6

Oesophageal cancer in Yorkshire: a regional audit, \$5.14

Palliation of oesophageal carcinoma with expandable metal prostheses is a cost-effective procedure, \$5.8

Predictive assay for response of oesophageal carcinoma to chemoradiotherapy, \$2.6

Quality of life in patients with oesophageal cancer, \$5.8 Role for Cripto-1 (CR-1) in Barrett's tumorigenesis, \$2.6

The use of endoluminal ultrasonography in staging oesophageal carcinoma, \$2,23

Oesophageal cell endocytosis, Oesophageal cell endocytosis of fluorescent microspheres. A comparison of normal and inflamed oesophagus, \$5.14

Oesophageal distension, Reproducibility of perception to oesophageal distension, \$2.8

Oesophageal ischaemia, Oesophageal ischaemia in unexplained chest pain, **S2.9**

Oesophageal metal stents

Difficulties with placement of oesophageal metal stents and development and testing of new delivery methods and covered stents, \$5.79

The treatment of iatrogenic oesophageal perforation with covered expanding metal stents, \$5.14

Oesophageal motility disorders, Cerebral evoked potentials. Are they useful in assessing oesophageal motility disorders, \$5.6

Oesophageal motor activity, Motor activity of the oesophagus probably only has a minimal effect on acid clearance, \$5.7

Oesophageal motor function, The assessment of transit efficiency of a swallowed bolus as a measure of oesophageal motor function, \$5.12 Oesophageal perforation

The incidence and management of laser associated oesophageal perforation, \$2.9

The treatment of iatrogenic oesophageal perforation with covered expanding metal stents, \$5.14

Oesophageal pressure recording, Comparison of manual and automated analysis of oesophageal body contractility with on-line and compressed data, \$5.13

Oesophageal tests, An audit of the outcome of patients undergoing 24hr pH oesophageal tests, \$5.75

Oesophageal varices, Intensive sclerotherapy does not prevent recurrence of oesophageal varices, \$5.23

Oesophagectomy

Gastric fundal tone and perception of the intrathoracic stomach after radical oesophagectomy, \$5.27

Malignant cytology in Barrett's oesophagus: an indication for oesophagectomy? S2.22

Oesophagitis

Helicobacter infection is associated with oesophagitis in patients with Barrett's oesophagus, \$2.5

Oesophagitis is common in patients with rheumatic diseases and is increased by NSAIDs, \$2.8

The effect of healing of oesophagitis on patient quality of life, \$5.13 Oesophagus

Altered bladder function and oesopheageal pain threshold in irritable bowel syndrome, \$2.21

Sensory and motor representation of the human oesophagus on the cerebral cortex, \$2.21

The use of a sodium ion selective electrode to detect bile in the oesophagus, \$2.22

OKT, therapy, Eosinophil response to OKT, therapy in human liver allograft rejection, \$5.45

Omeprazole

A successful one week antibiotic regime for Helicobacter pylori eradication, \$5.16

Determination of the optimum dose of omeprazole in a new triple therapy regimen for eradicating Helicobacter pylori, \$5.16

Helicobacter pylori eradication therapy. A comparison between either omeprazole or ranitidine in combination with amoxycillin plus metronidazole, \$5.16

Inhibition of Helicobacter pylori cytotoxin by omeprazole, S5.37

Investigation of gastro-oesophageal reflux and acid secretion in patients unresponsive to therapeutic doses of omeprazole, \$5.12

Omeprazole can inhibit cell vacuolation in Vero cells induced by culture supernatants of Helicobacter pylori, \$2.35

Omeprazole in maintenance therapy for duodenal ulcer: effect on gastrin and pepsinogen A and C basal serum levels, \$2.36

Omeprazole markedly delays gastric emptying, \$5.48

Omeprazole treatment, a potent risk factor for Campylobacter gastroenteritis, \$2.30

Omeprazole versus ranitidine in the treatment of symptomatic mild reflux oesophagitis, \$2.7

Relationship of change in bowel habit to bacterial overgrowth in patients treated with omeprazole, \$5.48

Ondansetron, Effect of a selective 5HT, antagonist ondansetron on symptoms in functional dyspepsia, \$2.37

Open access endoscopy

Audit of an interactive open access endoscopy service, \$5.75 Endoscopy in general practice: one year's experience, \$5.79

Is there a place for a GP run community based endoscopy unit, \$5.78 Open acces endoscopy: satisfying general practitioners and reassuring patients, but increasing hospital workload, \$5.78

Open access gastroscopy

Is 'censorship' for open access gastroscopy justified? \$5.76

Open access gastroscopy and the influence of prior treatment, \$5.59 Why does a GP refer to clinic if open access gastroscopy is available? S5.78

Open-access oesophageal manometry service, First three years of an open-access oesophageal manometry service, \$5.59

Oral rehydration solutions, Effect of glucose polymer chain lengths in oral rehydration solutions: studies in secreting rat intestine, \$5.70 8 Ornithin vasopressin, The haemodynamic effects of 8 ornithin vasopressin in portal hypertension and cirrhosis, \$2.13

Ornithine, Can arginine and ornithine support gut functions? \$1.42 Ornithine decarboxylase

Stimulation of gut ornithine decarboxylase activity by Giardia lamblia in vivo, \$5.40

The role of the cytoskeleton in Giardia-stimulated ornithine decarboxylase activity, \$5.41

Oro-caecal transit time, Inulin is a better probe than lactulose for the measurement of oro-caecal transit time, \$5.19

Out-patient referrals, An audit of gastroenterology out-patient referrals: improving efficiency and shortening waiting lists, \$2.47

Oxygen, Iron chelation in ulcerative colitis: a new antioxidant approach,

Oxygen therapy, Oxygen therapy improves ultrasonic imaging of the pancreas, S2.14

p53

Aneuploidy, loss of the Y-chromosome and p53 overexpression as potential markers for malignant progression in Barrett's esophagus, \$2.6

p53 mutation in mixed hepatocellular cholangiocarcinoma, S5.38

p53 overexpression is closely correlated with grade of duodenal neoplasm in familial adenomatous polyposis, \$5.39

Pancreas

Expression of peptide receptors both in normal rat pancreas and in rat pancreatic premalignant lesions induced by azaserine, \$2.14

Oxygen therapy improves ultrasonic imaging of the pancreas, \$2.14 Pancreatic cancer (carcinoma)

Carcinoma of the pancreas: the value of portal lymph node resection,

Identification of Kirsten-ras mutations in bile of patients with pancreatic and biliary carcinomas, \$5.38

IL-8 and IL-6 are produced constitutively by human pancreatic cancer cell lines, \$5.39

Titres of serum IL-8 correlate with the presence of an acute phase response in patients with pancreatic cancer, \$5.73

Pancreatic enzyme supplements, Monitoring pancreatic enzyme supplements in children with cystic fibrosis using a mixed triglyceride breath test, \$5.34

Pancreatic secretory trypsin inhibitor, Distribution of human pancreatic secretory trypsin inhibitor using in situ hybridisation and immunological staining techniques, \$5.53

Pancreatic surgery, Role of somatostatin and somatostatin analogues in the treatment of gastrointestinal diseases: prevention of complications after pancreatic surgery, \$3.20

Pancreatitis

A double blind placebo controlled study of BB-882 (a potent PAF antagonist) in human acute pancreatitis, \$5.35

Can a 2 hour post ERCP serum amylase estimation predict post ERCP acute pancreatitis? \$5.35

Changes in circulating T lymphocyte subsets early in acute pancreatitis, \$5.67

Down-regulation of interleukin-8 production from peripheral blood mononuclear cells from patients with acute pancreatitis by IL-4 and IL-10, \$5,45

Dynamic, contrast enhanced magnetic resonance imaging: the imaging modality of choice for severe acute pancreatitis? S2.15

Early changes in circulating polymorphonuclear neutrophil function in acute pancreatitis, \$5.35

Is plasma osmolarity raised in severe acute pancreatitis? S2.14

Role of somatostatin and its analogues in the treatment of acute and chronic pancreatitis, \$3.15

Pantoprazole, The effect of pantoprazole, as monotherapy and in combination with amoxicillin, on gastric H. pylori status, in duodenal ulcer subjects, \$2.63

Parenteral nutrition

A study of the growth of bacteria and fungi in parenteral nutrition solutions in the presence of taurolin, \$5.22

Dedicated peripheral feeding lines for parenteral nutrition - 100 cases, S2.53

Pulmonary embolism in children - another hazard of parenteral feeding, \$5.33

Parietal cells, The prevalence of parietal cells in the duodenum and their relationship to Helicobacter pylori infection, \$5.3

Penicillin, Penicillin transport in small intestinal brush-border membrane vesicles, \$5.54

Peppermint oil, Peppermint oil reduces Na+=dependent glucose asorption in rat small intestine, \$5.55

Pepsinogen, Omeprazole in maintenance therapy for duodenal ulcer: effect on gastrin and pepsinogen A and C basal serum levels, S2.36

Pepsinogen I, Histology, IGG, IGA, IGM to Helicobacter pylori, serum pepsinogen I and gastrin in asymptomatic blood donors, \$5.18

Peptic ulcer

Bleeding peptic ulcer: injection of adrenaline or tissue adhesive (histoacryl), \$5.36

Peptic ulcer, dyspepsia and Helicobacter pylori: BSG members perspective and practice, \$2.48

Risk of post-operative death is high after failed endoscopic therapy for bleeding ulcer, \$5.26

The effect of Helicobacter pylori eradication on the well-being of patients with peptic ulcer, \$5.2

Peptic ulcer disease, Study into ethnic differences in Leicester of

Helicobacter pylori in peptic ulcer disease, \$5.15

Peptone-stimulated acid secretion, H. pylori impairs acid-inhibition of peptone-stimulated acid secretion, \$5.18

Percutaneous endoscopic gastrostomy

A comparison of the value and safety of percutaneous endoscopic gastrostomy in malignant and benign disease, \$5.52

A randomised comparison of percutaneous endoscopic gastrostomy feeding and nasogastric tube feeding following acute dysphagic stroke, \$5.6

Incidence of unsuspected upper gastrointestinal diseases in patients with stroke receiving percutaneous endoscopic gastrostomies, S5.79

Short and long term outcome after percutaneous endoscopic gastrostomy placement, \$5.52

Percutaneous transhepatic biliary drainage, Diagnostic biliary cytology for strictures managed by percutaneous transhepatic biliary drainage, \$5.66

Peripheral intravenous nutrition, The reduction of local complications from peripheral intravenous nutrition, \$5.23

Peritonitis

Advanced diffuse peritonitis managed by planned multiple laparotomies utilising zippers/velcro analogue for temporary abdominal closure, S2.15

The peritoneal cytokine profile in cute peritonitis, \$5.46

Permeability, Intestinal permeability, S1.18

Permeability index, Increased L/M permeability index in a fraction of healthy relatives of Crohn's patients: a subclinical marker, \$5.29

Permeability tests, IgA anti-endomysial antibody is superior to the 51Cr-EDTA: 4C-mannitol intestinal permeability test in the diagnosis of coeliac disease, \$5.3

pH tests, An audit of the outcome of patients undergoing 24hr pH oesophageal tests, \$5.75

Pharyngo-oesophageal motility, Normal pharvngo-oesophageal motility at rest, during eating and sleep, \$2.21

Photodynamic therapy, Eradication of high grade dysplasia in columnar lined (Barrett's) oesophagus by photodynamic therapy with oral 5-aminolaevulinic acid and 630nm light, \$5.7

"Physiological" anti-reflux procedure, Laparoscopic "physiological" anti-reflux procedure: preliminary results of a prospective symptomatic and objective study, \$2.23

Picotamide, An open trial of anti-platelet therapy in active Crohn's disease using picotamide, a thromboxane antagonist, \$5.28

Pituitary adenylate cyclase activating peptide, VIP and PACAP stimulated adenylate cyclase activity is not inhibited by the VIP antagonist [D-p-Cl Phe⁶,Leu¹⁷] VIP in human duodenum, S2.52

Plasma osmolarity, Is plasma osmolarity raised in severe acute pancreatitis? S2.14

Plasminogen activator

Expression of plasminogen activators and their inhibitors in oesophageal carcinoma, S5.38

Urokinase-type plasminogen activator (uPA) as a prognostic indicator in colorectal cancer, S2.1

Platelets, An open trial of anti-platelet therapy in active Crohn's disease using picotamide, a thromboxane antagonist, \$5.28

Pneumatic dilatation, Pneumatic dilatation for achalasia, \$2.8

Pneumatic LOS dilatation, Causes of pathological oesophageal acidification after pneumatic LOS dilatation in achalasia, \$5.12

Poly-ADP-ribose polymerase inhibitors, Protection of colonic epithelial cells against oxidant damage by poly-ADP-ribose polymerase inhibitors, \$5.46

Fasting and post-prandial polyamine concentrations in the human small bowel, \$5.20

Origins of intestinal luminal polyamines in man, \$5.20

Polyethylene glycol, Problems with polyethylene glycol as a marker of small intestinal permeability, \$5.20

Polymerase chain reaction

Detection by polymerase chain reaction of Mycobacterium paratuberculosis-specific DNA in Crohn's disease tissues, \$2.42

Polymerase chain reaction detection of Cryptosporidium sp. in human small intestine, \$5.37

Polymorphonuclear neutrophils, Early changes in circulating polymorphonuclear neutrophil function in acute pancreatitis, \$5.35

Polypoid lesions, Polypoid lesions of gallbladder, \$2.56

Polyposis

A survey of phenotypic abnormalities in juvenile polyposis, \$5.39

Germline APC mutation at codon 1061 is associated with severe duodenal polyposis but not high colonic polyp counts in familial adenomatous polyposis, \$5.40

Porphyria cutanea tarda, The association of hepatitis C viral infection with porphyria cutanea tarda in the Lothian region of Scotland, S5.40

Portal hypertension

Do alterations in the rate of gastric emptying contribute to the pathogenesis of portal hypertensive gastropathy? S2.13

Intestinal blood flow distribution in portal hypertension, \$5.21

Reduction in renal blood flow with acute increase in the portal pressure gradient. Evidence for the existence of hepatorenal reflex in man? \$5.9

The effects of octreotide on hepatic energy metabolism in portal hypertension, \$2.13

The haemodynamic effects of 8 ornithin vasopressin in portal hypertension and cirrhosis, S2.13

Portal lymph node resection, Carcinoma of the pancreas: the value of portal lymph node resection, \$5.67

Post cholecystectomy pain, Two years experience of sphincter of Oddi manometry as a clinical service in the evaluation of post cholecystectomy pain, \$5.56

Postgastrectomy, Motility change and perception to balloon distension in the jejunal loop of postgastrectomy patients, \$2.44

Pouchitis, Expression of interferon-gamma, tumour necrosis factor-alpha and interleukins-6 and -2 in pouchitis mucosa, **S2.40**

Prednisolone, A randomised trial comparing the efficacy and safety of 5-ASA and prednisolone foam enemas in the treatment of acute distal ulcerative colitis, \$2.42

Pressure waves, The pathophysiology of hindgut dysmotility – a failure to generate high pressure waves, \$2.62

Primary biliary cirrhosis

Effect of ursodeoxycholic acid therapy on survival in primary biliary cirrhosis, S2.20

Ultrasound - a non-invasive method of assessing disease severity in primary biliary cirrhosis, \$5.10

Ursodeoxycholic acid improves hepatic excretion in primary biliary cirrhosis, \$5.11

Primary sclerosing cholangitis, Activated lymphocytes in the liver of patients with primary sclerosing cholangitis, S2.20

Proctosigmoiditis, Progression of ulcerative proctosigmoiditis to more proximal regions of the colon, \$2.43

Prostaglandin E₂, Substance P containing enteric neurones and prostaglandin E2 in non-steroidal anti-inflammatory drug ulceration, S2.37

Protein losing enteropathy

"In chloride-transferrin scanning for detection and quantification of protein losing enteropathy, \$5.19

Diarrhoea, protein losing enteropathy and trace element deficiency in children following bone marrow transplantation, \$5.33

Proton MRS, Proton MRS in chronic hepatic encephalopathy, S5.24

Pseudo-obstruction

Clinicopathological characteristics of adults with sporadic chronic intestinal pseudo-obstruction, \$2.54

Electrogastrography in chronic pseudo-obstruction, \$2.46

Psyllium therapy, Effect of psyllium therapy on stool characteristics, colon transit and anorectal function in chronic idiopathic constipation, \$5.65

Pulmonary embolism, Pulmonary embolism in children - another hazard of parenteral feeding, \$5.33

Purinoceptors, ATP dilates the hepatic artery via P₁-purinoceptors,

Push enteroscopy, Push enteroscopy and heater probe therapy for small bowel bleeding, \$5.36

Quality of life

Quality of life in patients with oesophageal cancer, \$5.8

The effect of healing of oesophagitis on patient quality of life, \$5.13

Radiation injury, Protection from radiation injury by elemental diet: does added glutamine change the effect? \$1.60

Ranitidine

Helicobacter pylori eradication therapy. A comparison between either omeprazole or ranitidine in combination with amoxycillin plus metronidazole, \$5.16

Marked rebound acid hypersecretion following treatment with ranitidine, \$2.36

Omeprazole versus ranitidine in the treatment of symptomatic mild reflux oesophagitis, S2.7

Rapid whole blood test, A new rapid whole blood test for Helicobacter pylori antibodies could reduce diagnostic oesophagogastroduodenoscopy (OGD) in patients with dyspepsia, S5.1

Re-infection, Treatment of Helicobacter pylori infection - relationship between initial eradication rate and the observed 're-infection' rate six months post treatment, \$5.2

Reactive oxygen intermediates, Role of reactive oxygen intermediates in the pathogenesis of primary graft dysfunction following liver transplantation, \$5.70

Reactive oxygen metabolites, The effect of allopurinol, salazopyrin and vitamin C on aspirin-induced gastroduodenal mucosal injury in humans, \$5.70

Reactive oxygen species, Reactive oxygen species damage in H. pylori gastritis, \$5.3

Rebleeding, Risk of post-operative death is high after failed endoscopic therapy for bleeding ulcer, \$5.26

Rectocolonic inhibitory reflex

Neural mediation of the human rectocolonic inhibitory reflex, \$5.31 The human rectocolonic inhibitory reflex – normal and constipated patients, \$2.28

Rectum, rectal

An audit of rectal biopsy in the investigation of diarrhoea, \$5.60

Imaging of rectal balloon expulsion compared with evacuation proctography, \$2.62

Is a barium enema of use in the diagnosis of cancer in patients with rectal bleeding? \$2.27

Recovery of physiology and function in the first year after low anterior resection of the rectum for carcinoma: does it occur? \$2.60 Restoration of rectal function by the Delorme's procedure for rectal

prolapse, S2.61
The incidence and causes of rectal bleeding in the community, S5.66 Reflux oesophagitis

Causes of pathological oesophageal acidification after pneumatic LOS dilatation in achalasia, \$5.12

Lansoprazole is superior to ranitidine 300mg bd in prevention of relapse of reflux oesophagitis, \$5.58

Omeprazole versus ranitidine in the treatment of symptomatic mild reflux oesophagitis, \$2.7

The natural history of reflux oesophagitis: a 10 year follow-up, \$2.22 The natural history of reflux oesophagitis and its effect on quality of life: a 10 year follow-up, \$5.7

Reperfusion, Role of neutrophil activation in reperfusion injury following liver transplant, \$2.10

Respiratory symptoms, Gastrointestinal and respiratory symptoms in the community, \$5.62

Restorative proctocolectomy

Audit of function, satisfaction and irritable bowel syndrome following restorative proctocolectomy for ulcerative colitis and familial adenomatous polyposis, \$5.27

Preservation of complete anal sphincteric proprioception in the course of restorative proctocolectomy for ulcerative colitis, \$5.31

Prospective comparison of restorative proctocolectomy for indeterminate colitis versus ulcerative colitis, \$2.41

Reticulin antibodies, Large scale population survey of antibodies to gliadin, reticulin and endomysium, \$5.4

Retinoblastoma, Prognostic significance of retinoblastoma gene product expression in colorectal cancer, \$2.27

Retinoid X receptor, Vitamin D, and retinoid X receptor mRNAs are expressed in human colorectal mucosa and neoplasms, \$2.2

Retinoids, Is the storage of retinoids in the liver important to hepatocyte proliferation, \$5.74

Retrorsine, Hepatic copper status in neonatal rats and effecgs of retrorsine, \$5.25

Reverse transcription/PCR, Novel molecular approaches in gastroenterology: direct *in situ* reverse transcription/PCR for detection of measles virus, **S5.41**

Sacchromyces cerevisiae, Diagnostic implications of raised antibody titres to Sacchromyces cerevisiae in gastrointestinal disease, S5.42 Saliva

Comparison of serum and salivary immunoassays for Helicobacter pylori, \$5.15

Swallowed saliva in gastric juice, \$5.49

The impact of smoking cessation on salivary bicarbonate and epidermal growth factor, \$5.13

Salivary IgG, Clinical value of *Helicobacter pylori* specific salivary IgG in dyspeptic patients, S2.63

Salivary immunoglobulins, Salivary immunoglobulins as diagnostic markers of previous hepatitis A infection, S2.11

Scleroderma, Octreotide in gastrointestinal motility disorders, S3.11Sedation, Non-anxious patients prefer throat spray alone rather than IV sedation for upper endoscopy, S2.37

Selenium, Positive benefit of selenium supplementation in Crohn's disease, \$2.26

Sensory responses, Motor and sensory responses of human small bowel to distension: the effect of rate, duration and length, \$2.44

Short bowel syndrome, Enteral nutrition as primary therapy in short bowel syndrome, S1.69

Short chain fatty acids

Effects of short chain fatty acids on gut morphology and function, \$1.35

Human colonic motility is unaffected by short chain fatty acids in vivo, \$2.25

Sigmoidoscopy

Intravenous hyoscine-n-butyl bromide and inhaled nitrous oxide/ oxygen mixture improve the quality of flexible sigmoidoscopy, \$5.80

Value of a negative flexible sigmoidoscopy as an indicator of low risk of colorectal cancer, \$5.32

Small bowel (intestine)

A vasopressin V₁-receptor antagonist protects against acute intestinal vascular damage induced by nitric oxide synthase inhibition in the endotoxaemic rat, \$2.52

Abnormal contractile patterns identified in small bowel pathology, \$5.61

Adenoviral mediated gene transfer to postnatal intestinal epithelium: gene expression *in vitro* and *in vivo*, **S2.51**

Does neomucosa induced by stem cell transplantation have adequate mucosal function? \$2.29

Does topography influence epithelial differentiation and digestive function in postnatal intestine? \$2.51

Fasting and post-prandial polyamine concentrations in the human small bowel, \$5.20

Motor and sensory responses of human small bowel to distension: the effect of rate, duration and length, **\$2.44**

Polymerase chain reaction detection of *Cryptosporidium* sp. in human small intestine, **S5.37**

Push enteroscopy and heater probe therapy for small bowel bleeding, \$5.36

Simultaneous measurement of fluid transport and transintestinal PD in vivo using an on-line technique, \$5.54

Small bowel flora in potential small bowel transplant donors, \$5.20 Small intestinal permeability, morphology and brush border enzyme activities in immigrants resident in a British inner city, \$2.28

activities in immigrants resident in a British inner city, S2.28

Smoking cessation, The impact of smoking cessation on salivary bicarbonate and epidermal growth factor, S5.13

Sodium, Na+ channel-specific mRNA is not sufficient for Na+ channel expression in rat colonic epithelium, \$2.61

Sodium ion selective electrode, The use of a sodium ion selective electrode to detect bile in the oesophagus, \$2.22

Sodium nitroprusside, Sodium nitroprusside, a nitric oxide donating compound, stimulates human colonic ion transport in vitro, \$5.53 Somatostatin

Role of somatostatin and its analogues in the treatment of acute and chronic pancreatitis, \$3.15

Role of somatostatin and somatostatin analogues in the treatment of gastrointestinal diseases: prevention of complications after pancreatic surgery, \$3.20

Somatostatin and somatostatin analogues: pharmacokinetics and pharmacodynamic effects, \$3.1

Treatment of hepatocellular carcinoma with somatostatin, \$5.72

Soybean lectin, Soybean lectin is the main pancreatic stimulant in raw soya flour, \$5.67

Sphincter of Oddi manometry

Does sphincter of Oddi manometry predict efficacy of sphincterotomy? **S2.46**

Sphincter of Oddi manometry. Is tachyoddia a duodenal pacemaker dysfunction? **\$5.61**

Two years experience of sphincter of Oddi manometry as a clinical service in the evaluation of post cholecystectomy pain, \$5.56

Sphincter repair

A 5 year audit of sphincter repaid (1988-93), S5.28

Anal endosonography after failed anterior sphincter repair for obstetric trauma is imperative. S2.27

Effect of anal sphincter repair on anal endosonography, \$2.28

Sphincter rupture, Faecal incontinence after severe traumatic sphincter rupture, S2.16

Sphincterotomy, Does sphincter of Oddi manometry predict efficacy of sphincterotomy? S2.46

Stem cell transplantation, Does neomucosa induced by stem cell transplantation have adequate mucosal function? \$2.29

Stents, Difficulties with placement of oesophageal metal stents and development and testing of new delivery methods and covered stents, S5.79

Steroids, Nutritional supplement with elemental diet as a steroid replacement in patients with steroid-dependent Crohn's disease, S2.26

Stigmata of recent haemorrhage, Observer variation in the assessment of stigmata of recent haemorrhage: a multicentre study by 13 skilled endoscopists, \$5.80

Streptozotocin-diabetic rats, Enhanced intestinal iron transfer in 2-3 day streptozotocin-diabetic rats, S5.21

Stress, Effect of acute stress on ano-rectal physiology in patients with irritable bowel syndrome, S5.62

Stroke, A randomised comparison of percutaneous endoscopic gastrostomy feeding and nasogastric tube feeding following acute dysphagic stroke, \$5.6

Substance P, Substance P containing enteric neurones and prostaglandin E₂ in non-steroidal anti-inflammatory drug ulceration, \$2.37

Sucralfate, Specific prevention of aspirin induced intragastric bleeding with sucralfate, S5.71

Sucralfate gel, Prevention of NSAIDs-induced gastroduodenal lesions in arthritic patients by sucralfate gel, \$2.44

Sulindac, Proliferative activity in DMG-treated mouse colonicmucosa is enhanced by sulindac, \$2.30

Sumatriptan, Cause of chest pain after sumatriptan: is it oesophageal? \$5.55

Superoxide, Monocyte numbers and activation in Crohn's disease: superoxide, lysozyme and cytokine production and the effect of elemental diet treatment, \$2.49

Superoxide anion, The source of superoxide anion in ulcerative colitis is not xanthine oxidase, \$2.41

Swallowing

Mapping the cortical centres for swallowing in man: evidence for hemispheric dominance, \$5.11

The assessment of transit efficiency of a swallowed bolus as a measure of oesophageal motor function, \$5.12

T-cell lymphoma, HLA-class II phenotypes in coeliac disease and enteropathy-associated T-cell lymphoma, \$2.53

T lymphocyte subsets, Changes in circulating T lymphocyte subsets early in acute pancreatitis, \$5.67

Tachyoddia, Sphincter of Oddi manometry. Is tachyoddia a duodenal pacemaker dysfunction? S5.61

Taurine, Supplemental taurine reduces plasma IL-6 concentrations but enhances pulmonary neutrophil sequestration in rodent intraperitoneal sepsis, **\$2.60**

Taurolin, A study of the growth of bacteria and fungi in parenteral nutrition solutions in the presence of taurolin, S5.22

Tinidazole, Determination of the optimum dose of omeprazole in a new triple therapy regimen for eradicating *Helicobacter pylori*, **S5.16**

TIPS, Emergency TIPS as salvage treatment for uncontrolled variceal bleeding, S2.12

Tissue adhesive, Bleeding peptic ulcer: injection of adrenaline or tissue adhesive (histoacryl), **S5.36**

Tissue inhibitor of metalloproteinase-1, TIMP-1 activity in lipocytes conditioned media predominates over collagenase even after TNF alpha stimulation, **S2.19**

Tonsillectomy, Appendicectomy, tonsillectomy and inflammatory bowel disease, \$5.28

Topoisomerase type II, Expression sites of isoforms (α and β) of type II topoisomerase in human foetal tissues, **S5.53**

Total body protein, The effect of malnutrition, and intensive nutritional support on total body protein synthesis and gastro-pancreatic secretion, S2.53

Total parenteral nutrition, Paediatric TPN and hypermanganasaemia, \$5.33

Trace element deficiency, Diarrhoea, protein losing enteropathy and trace element deficiency in children following bone marrow transplantation, S5.33

Transcatheter arterial chemoembolization, Survival and side effects after transcatheter arterial chemoembolization in hepatocellular carcinoma, \$5.72

Transcription factor HNF-4, Intestinal distribution of the transcription factor HNF-4, S5.60
Transintestinal PD, Simultaneous measurement of fluid transport and

transintestinal PD in vivo using an on-line technique, \$5.54

Transit efficiency, The assessment of transit efficiency of a swallowed bolus as a measure of oesophageal motor function, \$5.12

Transjugular intrahepatic portosystemic stent-shunt

A comparative study of TIPSS and oesophageal transection in the management of uncontrolled variceal haemorrhage, S5.11

A prospective evaluation of haematological alterations following **TIPSS**, **S5.24**

Analysis of prognostic variables in the prediction of variceal rebleeding, stent failure, encephalopathy and early mortality following TIPSS, \$5.24

Cerebral and liver function following TIPSS: a prospective study,

Direct measurement of portal vein flow in patients with transjugular intrahepatic portosystemic stent shunts - a new model for therapeutic studies? \$5.23

TIPSS, Palmaz or Wall stents? \$2.10

TIPSS occlusion and the role of biliary venous fistula, \$5.24

Transjugular intrahepatic portosystemic stent-shunt insertion as a prelude to orthotopic liver transplantation in patients with severe portal hypertension, \$5.25

Bacterial translocation: the influence of dietary variables, \$1.23 Clinical significance of translocation, \$1.28

Travellers' diarrhoea, A prospective, randomised, placebo-controlled trial of single dose ciprofloxacin for the treatment of travellers diarrhoea, §2.30

Trefoil peptide PSP, Induction of anchorage dependence by the trefoil peptide PSP upon Kato-3 gastric carcinoma cell line, \$5.53

Trent region, Endoscopy in the Trent Region 1992, S2.24
Triglyceride breath test, Monitoring pancreatic enzyme supplements in children with cystic fibrosis using a mixed triglyceride breath test, S5.34

Triple therapy

Azithromycin in a triple therapy for eradicating Helicobacter pylori, \$2.63 Efficacy of a new one week triple therapy regime in eradicating Helicobacter pylori, \$2.62

Tropheryma Whippel II, PCR amplification of tropheryma Whippel II 16S RNA gene in treated and untreated Whipple's disease, \$2.54 Tropomyosin

Anti-colonocyte and anti-tropomyosin serum antibodies in patients with ulcerative colitis, \$2.49

Evidence that tropomyosin is not the major antigenic target of the Das antibody 7E12H12 in ulcerative colitis, \$5.43

Tumour necrosis factor

Cytokine profile in auto-immune liver diseases using the reverse haemolytic plaque assay, \$2.10

Increased local production of IL-8 and TNF in patients with H. pylori infection, \$2.35

Tumour necrosis factor-alpha

Anti TNF alpha treatment of a model of human ulcerative colitis, \$2.50

Expression of interferon-gamma, tumour necrosis factor-alpha and interleukins-6 and -2 in pouchitis mucosa, \$2.40

Faecal tumour necrosis factor-alpha and faecasl alpha-one-antitrypsin in HIV infection, \$5.40

Interleukin-8 and tumour necrosis factor-alpha RNA in antral mucosa of duodenal ulcer patients, \$2.4

TIMP-1 activity inlipocytes conditioned media predominates over collagenase even after TNF alpha stimulation, S2.19

Ulcer healing drugs, Prescription of ulcer healing drugs in medical inpatients: do patients know why they are taking them and are the prescriptions appropriate? S2.58

Ulcerative colitis

A really useful simple colitis activity index, \$5.29

An open trial of antioxidant nutrient therapy in active ulcerative colitis, \$5.29

Anti-colonocyte and anti-tropomyosin serum antibodies in patients with ulcerative colitis, \$2.49

Anti TNF alpha treatment of a model of human ulcerative colitis, S2.50

Assessment of microcirculation in ulcerative colitis, \$5.44

Audit of function, satisfaction and irritable bowel syndrome following restorative proctocolectomy for ulcerative colitis and familial adenomatous polyposis, \$5.27

Could compliance with colonoscopic surveillance of ulcerative colitis be improved by patient education? \$2.59

Evidence that tropomyosin is not the major antigenic target of the Das antibody 7E12H12 in ulcerative colitis, \$5.43

Factors associated with functional outcome in ileoanal pouch construction for ulcerative colitis, \$5.27

Genetic predisposition to ulcerative colitis: a detailed study of the HLA region by linkage analysis, \$5.30

Inactivation of rectal LTB, in vivo and by Caco, cells in vitro, \$5.47 Interleukin 10 inhibits inflammatory mediator production in ulcerative colitis, \$2.48

Iron chelation in ulcerative colitis: a new antioxidant approach, \$2.50 Metabolites of nitric oxide in severe acute ulcerative colitis, \$5.30 Predicting outcome in severe ulcerative colitis, \$5,29

Preservation of complete anal sphincteric proprioception in the course of restorative proctocolectomy for ulcerative colitis, \$5.31

Prospective comparison of restorative proctocolectomy for indeterminate colitis versus ulcerative colitis, \$2.41

Randomised trial comparing the efficacy and safety of 5-ASA and prednisolone foam enemas in the treatment of acute distal ulcerative colitis, \$2.42

Structurally weaker adherent colonic mucus gel barrier in ulcerative colitis, \$5.43

The source of superoxide anion in ulcerative colitis is not xanthine oxidase, \$2.41

Tissue expression of inducible nitric oxide synthase in ulcerative colitis, \$2.40

Ultrasound miniprobes, The use of high frequency ultrasound miniprobes in routine ERCP, \$5.51

Upper gastrointestinal bleeding (haemorrhage)

Does dark-blood (coffee grounds) haematemesis predict a good prognosis in upper gastrointestinal haemorrhage? \$5.59

Incidence and mortality of acute upper gastrointestinal bleeding in the U.K., \$5.47

Topical NSAIDs and upper gastrointestinal bleeding and perforation, \$5.49

Upper gastrointestinal cancer, Early experience of the use of endoscopic ultrasound in an upper G.I. surgical unit, \$2.5

Upper gastrointestinal diseases, Incidence of unsuspected upper gastrointestinal diseases in patients with stroke receiving percutaneous endoscopic gastrotomies, \$5.79

Upper gastrointestinal endoscopy

A prospective audit of new inpatient referrals for upper gastrointestinal endoscopy to the gastroenterology firm of a district general hospital, \$5.77

Local anaesthetic throat spray in the over 60's allows increased throughput on an endoscopic gastrointestinal unit, \$5.75

Upper gastrointestinal tract

Emergency admissions and deaths from upper gastrointestinal crises in relation to NSAID use, \$2.45

Shortcomings of computer versus note based audit of upper GIT bleeds, \$5.76

Urinary nitrite dipstick, Urinary nitrite dipstick: a reliable disease activity marker in inflammtory bowel disease, \$2.41

Ursodeoxycholic acid

Effect of ursodeoxycholic acid therapy on survival in primary biliary cirrhosis, \$2.20

Fetal mortality associated with cholestasis of pregnancy and the potential benefit of therapy with ursodeoxycholic acid, \$2.12

Ursodeoxycholic acid improves hepatic excretion in primary biliary cirrhosis, \$5.11

Vapreotide, Vapreotide (Octastatine, RC 160) in the treatment of acute Crohn's disease, S5.72

Variceal bleeding

Emergency TIPS as salvage treatment for uncontrolled variceal bleeding, \$2.12

Octreotide in variceal bleeding, \$3.23

Vasoactive intestinal peptide, VIP and PACAP stimulated adenylate cyclase activity is not inhibited by the VIP antagonist [D-p-Cl Phe⁶,Leu¹⁷] VIP in human duodenum, S2.52

Vasopressin

A vasopressin V₁-receptor antagonist protects against acute intestinal vascular damage induced by nitric oxide synthase inhibition in the endotoxaemic rat, \$2.52

The haemodynamic effects of 8 ornithin vasopressin in portal hypertension and cirrhosis, \$2.13

Vasopressin and organic nitrates, effects of portal haemodynamics, S2.13

Vero cells

Omeprazole can inhibit cell vacuolation in Vero cells induced by culture supernatants of Helicobacter pylori, \$2.35

Relative role of cytotoxin and urease of *Helicobacter pylori* in cell vacuolation of cultured Vero cells, **S2.36**

Villous atrophy, Scallops, grooves and subtotal villous atrophy, \$2.51

Villus, Determinants of villus shortening in Zambian patients with HIV related diarrhoea, S2.29

Visceral sensation, "The sentient gut": enhanced visceral sensation in

the oesophagus and rectum in functional dyspepsia, \$5.48

- Vitamin D₃, Vitamin D₃ and retinoid X receptor mRNAs are expressed in human colorectal mucosa and neoplasms, S2.2
 Vitamin D₃ receptors, Functional vitamin D₃ receptors are present in human colorectal neoplasms, S5.39
- Whipple's disease, PCR amplification of tropheryma Whippel II 16S RNA gene in treated and untreated Whipple's disease, \$2.54
- Xanthine oxidase, The source of superoxide anion in ulcerative colitis is not xanthine oxidase, \$2.41
- Zaldaride maleate, Effect of the calmodulin antagonist zaldaride maleate on cholera toxin induced small intestinal secretion, S5.71



Journal of the British Society of Gastroenterology which is a registered charity

Gut publishes original papers, short rapid communications, leading articles, and reviews concerned with all aspects of the scientific basis of diseases of the alimentary tract, liver, and pancreas. Case reports will only be accepted if of exceptional merit. Letters related to articles published in Gut or with topics of general professional interest are welcomed. Authors should include the names and addresses of four experts whom the authors consider suitable to peer review their work.

COMMUNICATIONS Two copies of the manuscript and figures should be addressed to the Editor, Gut, BMA House, Tavistock Square, London WC1H 9JR, UK. Manuscripts should follow the Vancouver conventions (see BMJ 1979; i: 532-5. Gut 1979; 20: 651-2). They should be in double spaced typewriting on one side of the paper only. The title page should include the name of the author with initials or distinguishing first name only, and the name and address of the hospital or laboratory where the work was performed. The paper must include a precise summary of the work of less than 200 words. Use of abbreviation is discouraged. Short rapid communications should not be more than 10 double spaced A4 pages including references, tables, and figures. These papers will be subject to peer review in the normal way. The interval from acceptance to publication will be much shorter. A covering letter should include a request for the paper to be considered in this category with valid reasons for that request. A separate covering letter signed by all authors must state that the data have not been published elsewhere in whole or in part and that all authors agree to publication in Gut. Previous publication in abstract form must be disclosed in a footnote. Papers must not be published elsewhere without prior permission of the Editorial Committee. If requested, authors shall produce the data upon which the manuscript is based for examination by the editor.

ACKNOWLEDGEMENT OF MANUSCRIPTS Manuscripts will only be acknowledged if an addressed postcard is enclosed.

ILLUSTRATIONS *Photographs* Unmounted photographs on glossy paper should be provided. Illustrations should not be inserted in the text but marked on the back with the figure numbers, title of paper and name of author. All photographs, graphs, diagrams should be referred to as figures and should be numbered consecutively in the text in Arabic numerals. The legends for illustrations should be typed on a separate sheet.

ETHICS Ethical aspects will be considered in the assessment of papers (see the Medical Research Council's publications on the ethics of human experimentation, and the World Medical Association's code of ethics, known as the Declaration of Helsinki (see *BMJ* 1964; ii: 177)).

SI UNITS All measurements except blood pressure are expressed in SI units. In tables and illustrations values are given in SI units. For general guidance on the International System of Units and some useful conversion

factors, see *The SI for Health Professions* (WHO, 1977). NB: Such conversion is the responsibility of the author.

REFERENCES These follow the Vancouver system – that is, references numbered consecutively in the text and listed numerically with journal titles abbreviated in the style of *Index Medicus*, *Standard journal article*. List up to six authors, then add *et al*.

CORRECTIONS other than printers' errors may be charged to the author.

REPRINTS Reprints will be available on payment of the necessary costs; the number of reprints required should be sent to the Publishing Manager on the form provided with the proof.

NOTICE TO ADVERTISERS All applications for advertisement space and rates should be addressed to the Advertisement Manager, *Gut*, BMA House, Tavistock Square, London WC1H 9JR.

NOTICE TO SUBSCRIBERS Gut is published monthly. The annual subscription rates are £191.00 (USA \$309.00). Reduced subscriptions of £79.00 available to trainees for one year (direct only). Orders should be sent to the Subscription Manager, Gut, BMA House, Tavistock Square, London WC1H 9JR. Orders can also be placed with any leading subscription agent or bookseller. (For the convenience of readers in the USA subscription orders, with or without payment, can be sent to: British Medical Journal, Box 560B, Kennebunkport, Maine 04046. All enquiries, however, must be addressed to the Publisher in London.) Subscribers may pay for their subscriptions by Access, Visa, or American Express by quoting on their order the credit or charge card preferred together with the appropriate personal account number and the expiry date of the card. All overseas copies of the journal are sent by accelerated surface post. If required, full air mail rates and enquiries for single copies already published should be addressed to the Publisher in London.

COPYRIGHT © 1994 Gut. This publication is copyright under the Berne Convention and the International Copyright Convention. All rights reserved. Apart from any relaxations permitted under national copyright laws, no part of the publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means without the prior permission of the copyright owners. Permission is not, however, required to copy abstracts of papers or articles on condition that a full reference to the source is shown. Multiple copying of the contents of the publication without permission is always illegal.

Second class postage paid, Rahway NJ. Postmaster: send address changes to: *Gut*, c/o Mercury Airfreight International Ltd Inc, 2323 Randolph Avenue, Avenel, NJ 07001, USA. ISSN 0017-5749.

Published by British Medical Association, Tavistock Square, London WC1H 9JR. Typeset by Bedford Typesetters Ltd Printed by Stott Brothers Ltd, Halifax