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There will be a section devoted to short papers on laboratory and surgical techniques and methods of investigation where these are not part of a lesser survey.

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**ABBREVIATIONS** In general, symbols and abbreviations should be those used by British Chemical and Physiological Abstracts. In any paper concerning electrolyte metabolism, it is desirable that data be calculated as mEq./l. as well as (or alternatively to) mg./100 ml.

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with gastric ulceration. No change was observed after freezing with the new inlet device.

This communication offers no support for the clinical use of gastric 'freezing' in the treatment of duodenal ulcer. If gastric 'cooling' is to be used for the treatment of massive upper gastrointestinal haemorrhage, it would seem desirable to use an apparatus known to produce fairly even cooling. The new foam-baffled inlet fulfilled this criterion when tested under 'cooling' conditions.

The hypothermia equipment was supplied by the M.R.C. and the temperature recording apparatus by the United Sheffield Hospitals Research Endowment Fund.

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