the appreciable differences seen in the results. The studies of Lauritsen et al, with faecal dialysates reflect only the intraluminal concentrations but provide no information about the intramucosal concentrations with them. The information that results from both types of studies, however, can be complementary.

Finally, we totally agree that the very low mucosal concentrations of 5-ASA after Salazopyrin support the hypothesis that Salazopyrin has pharmacological properties that are different from those of 5-ASA and contribute to its therapeutic efficacy.

Riedel's thyroiditis, retroperitoneal fibrosis, and sclerosing cholangitis: diseases with one pathogenesis?

EDITOR,—We have read the case report on multifocal fibrosis by Lait et al (Gut 1992; 33: 1430–2) and agree that the coexistence of Riedel's thyroiditis with retroperitoneal fibrosis as well as sclerosing cholangitis is very rare. We have recently collected from worldwide studies 14 reports on the 14 patients with both Riedel's thyroiditis and retroperitoneal fibrosis and suggested a common pathogenetic mechanism.

In their article Lait et al state that 'Bartholomew noted an association of Riedel's thyroiditis, sclerosing cholangitis and retroperitoneal fibrosis in the same patient.' This is not correct. In the article by Bartholomew et al not one but two patients were described; one with sclerosing cholangitis and retroperitoneal fibrosis and the other with Riedel's thyroiditis and sclerosing cholangitis. This last patient, by the way, is the same patient as described by Woolner et al (reference 7 in the article by Lait).

The patient described by Lait et al is therefore not the third, but the second report in published works with this triad of organ involvement. The only other patient was described twice, not only by Gleeson et al (reference 2 in the article by Lait) but once again with a longer follow up in an article by Katsikas from the same hospital in 1976.

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Reply

EDITOR,—We are grateful to Dr de Boer for setting the record straight on the number of previous patients reported on with Riedel's thyroiditis, retroperitoneal fibrosis, and sclerosing cholangitis. We are not unhappy to learn that our patient is the second rather than the third. We are well used to coming on second!

Microvascular abnormalities in the mucosal prolapse syndrome

EDITOR,—The paper by Dr Lonsdale (Gut 1993; 34: 106–9) presents an intriguing and new theory of ulceration in mucosal prolapse syndrome, and highlighting a previously neglected aspect of its histopathology omits some diagnostic features. Diamond shaped crystals and intramucosal elastin are features of all the conditions that fall within the bounds of the unifying concept of mucosal prolapse.1

Also the relation between metaplastic polyps and mucosal ulceration is unclear. We would agree that most metaplastic polyps are too small to induce mucosal prolapse changes in the immediately adjacent mucosa, histological features of mucosal prolapse are usually seen within the polyps themselves.2 Metaplastic change is seen overlying 30% of cases of mucosal prolapse in most series.3 The theories of Cripps' and ourselves' relating metaplastic polyps to mucosal prolapse, because of their similar features, may have to be reconsidered now that Dr Lonsdale's paper has uncovered a difference between the vasculature of metaplastic polyps and mucosal prolapse.

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Letters

Inflammatory bowel disease in Asians

EDITOR,—The studies by Probert et al have provided important information on the incidence of inflammatory bowel disease in south Asians. Furthermore, the results have highlighted the fact that this is not a homogenous group of patients, with significant differences between Hindus, Moslems, and Sikhs. The heterogeneity is perhaps not surprising because of the vast size of the Indian subcontinent, from which these patients originate.

Diet is known to play a part in the cause and subsequent course of inflammatory bowel disease. In addition to the obvious differences between European and Indian diets, there are also important differences in the diet within India. Epidemiological studies have shown that low fibre diet is a risk factor in inflammatory bowel disease.4 Areas in the south of India have a lower intake of unrefined fibre when compared with the northern regions.5

Other dietary factors, such as antioxidants, may be of importance in the occurrence of the recent evidence implicating oxygen derived free radicals in inflammatory bowel disease.6 Healthy subjects in Madras, in south India, have been shown to have lower plasma values of ascorbic acid and β-carotene than healthy subjects in England.7

Thus, some of the differences seen in the incidence of inflammatory bowel disease in people from the Indian subcontinent may be related to dietary differences between the Indians of north and south Asia, as well as dietary differences between the various groups from within the Indian subcontinent. It would be interesting to know if the findings of Probert et al were mirrored in Hindus, Moslems, and Sikhs within India.8

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Inflammatory bowel disease in Asians.

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