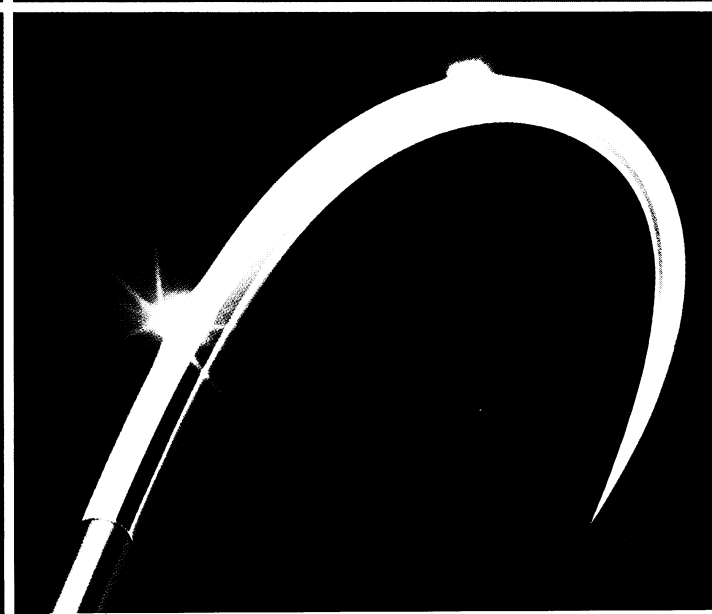
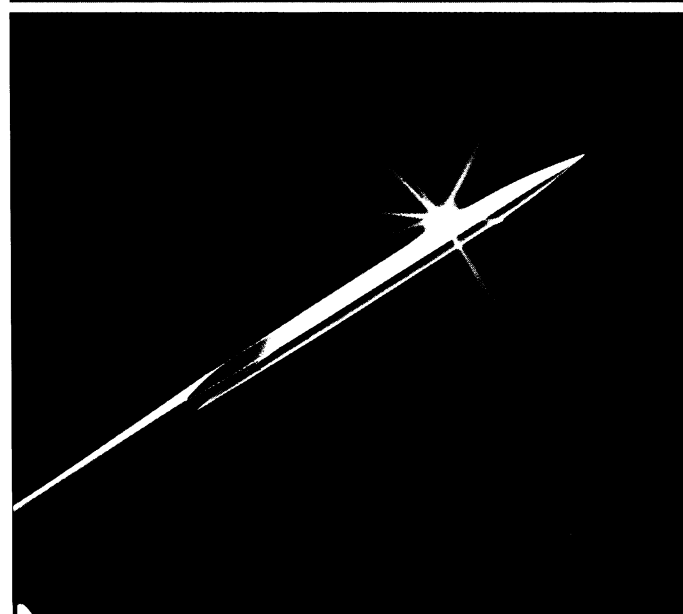
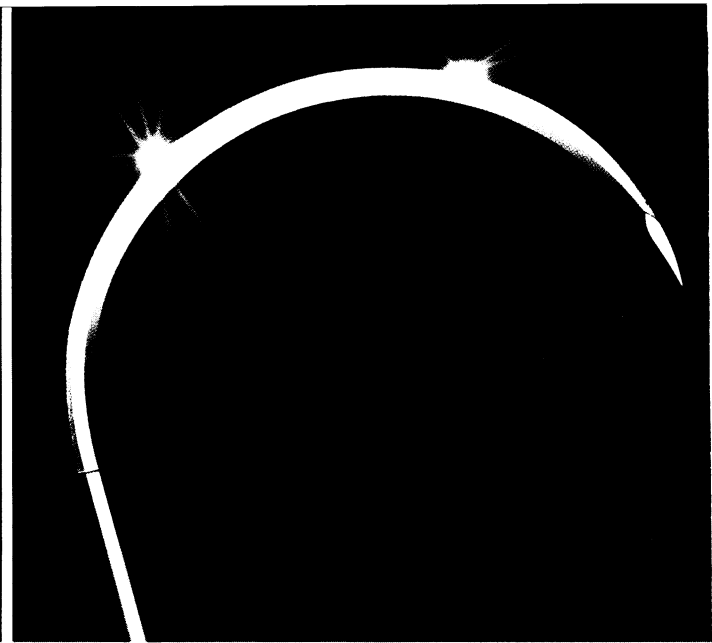


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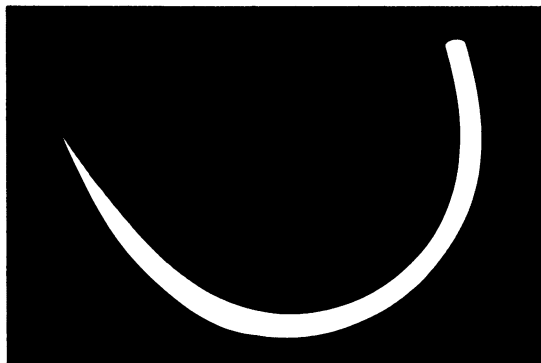
In the gastro-intestinal tract and other delicate structures such as ureters and bile ducts, gentle handling of tissues is aided by the use of ETHICON eyeless needled sutures. By dispensing with the needle eye, and double strands of material, tissue trauma is reduced and wound healing is allowed to progress normally.

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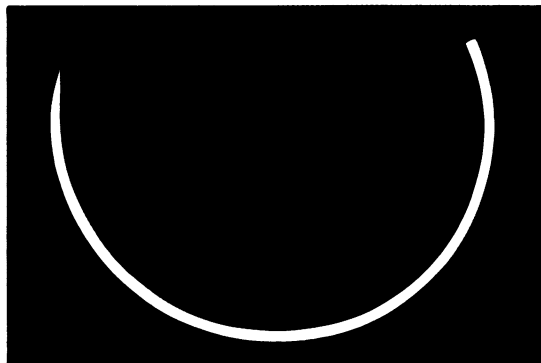
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$\frac{1}{2}$ Circle Round Bodied Needle



The most popular needle design in use in surgery of the gastro-intestinal tract.

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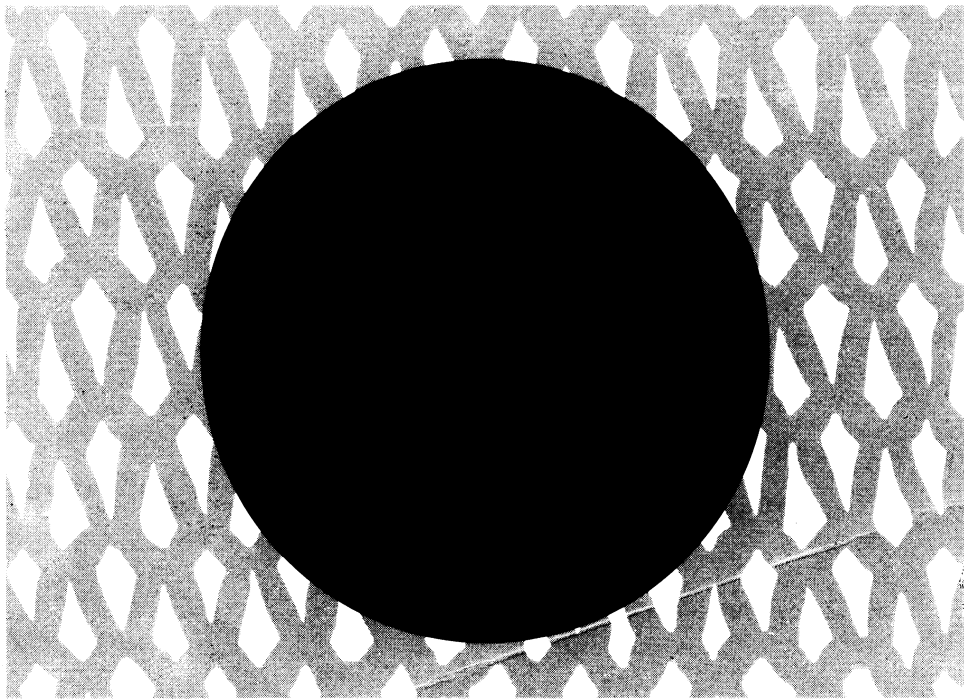
The curvature of this needle facilitates the suturing of tissues in deep confined places.

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Widest range. Finest quality

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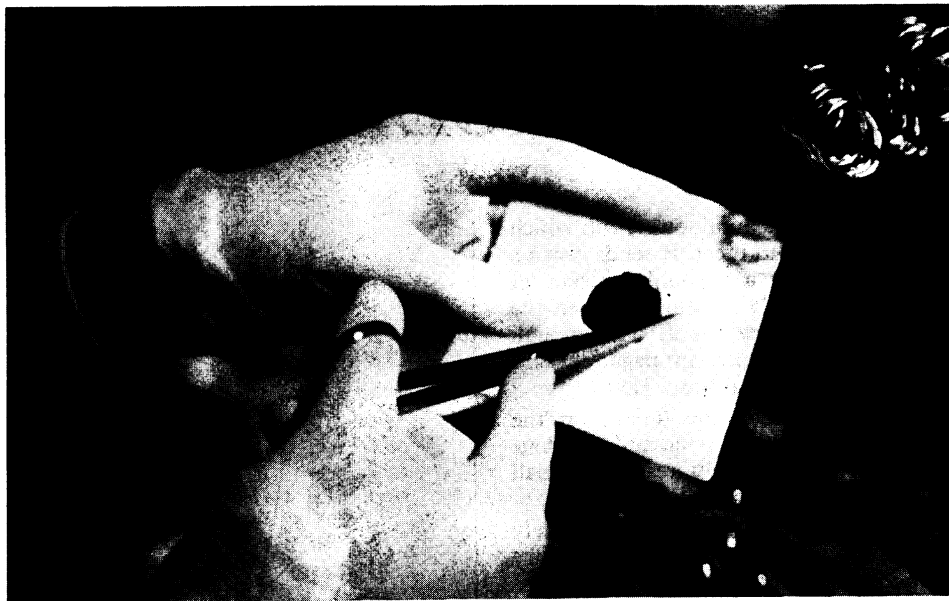
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THE LIQUORICE STORY

Part 2

The liquorice plant is a leguminous shrub which grows to a height of several feet. It sends down a tap root, and develops a veritable thicket of runners, which may be 25 ft. long, so when the root is dug it is not eradicated, and enough runners remain to carry on propagation and produce another crop several years later.

In its normal habitation the foliage on the stems resemble that of an ash twig, and in colour and texture they more closely resemble small laburnum leaves and are mauve in colour.

However, in Pontefract the plant rarely flowered and only once in the present century were seed pods produced, which showed signs that it was growing beyond its natural limits.

After the root has been lifted, the extract of the liquorice is obtained by shredding or grinding the root in hot water, followed by evaporation of the solution, and both the spent liquorice and the extract are used for several purposes.

The by product of liquorice has been used as the main ingredient in foam fire extinguishers. Another use is in the cultivation of mushrooms, as well as in the making of insulation board.

There are three main uses for the liquorice extract. The first is in the Tobacco Industry, especially in America, where it is used in the production of chewing tobacco as well as in ordinary tobacco.

The second and most commonly known use is in the Confectionery Industry, and the third and most important is in pharmaceuticals.

Liquorice has been widely used as a flavouring agent for other drugs. However, over recent years it has been realised that liquorice has a powerful antispasmodic effect on the muscles of the stomach and intestine. There was however, a serious disadvantage which was the constituent glycyrrhizinic acid. This can cause side effects such as oedema (salt and water retention and potassium depletion) as well as other harmful side effects. Cedona Pharmaceuticals in Holland investigated the problem, and developed an exclusive method of extracting the harmful glycyrrhizinic acid, but retaining its ulcer healing properties together with its natural antispasmodic effect. When glycyrrhizinic acid is removed by other methods the spasmolytic effect and healing



**LIQUORICE ROOT. SAMPLES
AVAILABLE ON REQUEST.**

properties are lost. The main constituent of Caved-(S) is the liquorice, which is processed by the exclusive Cedona method. Therefore, Caved-(S) tablets retain the ulcer healing properties, without the side effects normally associated with liquorice.

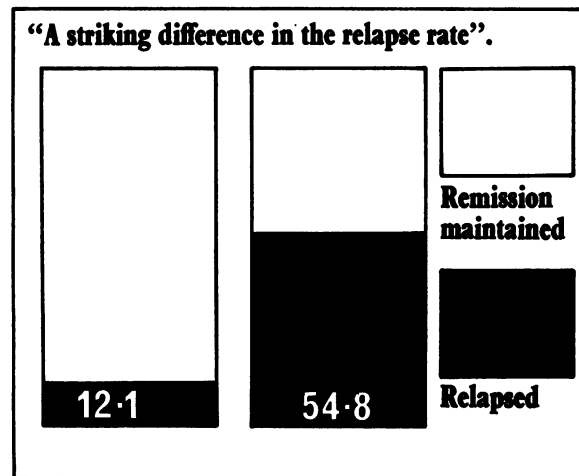
In the next instalment we will give details of new scientific work carried out on Caved-(S) liquorice, and also details of an exciting project with regard to liquorice in England.

**From the Information Department,
Tillotts Laboratories, U.K. Distributors for
Caved-(S) tablets.**

“It is concluded that maintenance treatment of ulcerative colitis with sulphasalazine (salazopyrin) should be continued indefinitely unless contraindicated by side effects”.¹

The results of the above controlled trial carried out at the Nuffield Department of Clinical Medicine, Radcliffe Infirmary, Oxford, are all the more welcome as earlier trials of cortisone² and prednisone³ at standard dosages have shown them to be totally ineffective in reducing the number of recurrences of ulcerative colitis.

“Fortunately, Sulphasalazine tablets, 0.5 grams, 4 times a day will prevent relapses in the majority of patients with colitis, and only a few patients cannot tolerate this relatively small dose, which can be continued indefinitely, since we do not know when, if ever, it can be safely stopped”.⁴



“The patients who received dummy tablets had more than four times the relapse rate of those receiving sulphasalazine”.¹ (Salazopyrin).

Salazopyrin (sulphasalazine) is available as the plain 0.5 g. tablet, 0.5 g. EN-tab and as an 0.5 g. suppository. Literature and detailed information on Salazopyrin are available on request.

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1. Gut (1973) 14 923-926
2. Brit. med. J. (1959) 1 387-394
3. Lancet (1965) i 188-189
4. General Practitioner (1972) April 7 p11.

Salazopyrin — to be continued indefinitely

Further information available from:—

Salazopyrin is a registered trade mark.

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De-Nol * heals gastric and duodenal ulcers
* early relief of pain
* is free from serious side-effects

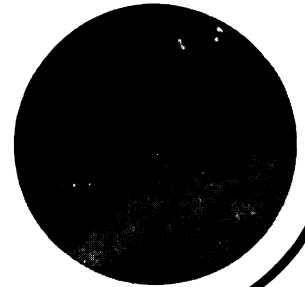
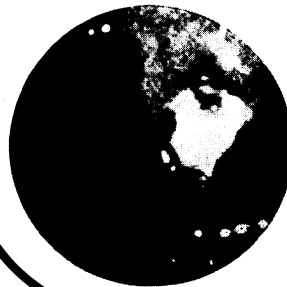
"The combination of lack of side-effects in addition to promotion of ulcer healing suggests that (De-Nol) has a clinical role in the management of the ambulant patient with duodenal ulcer." GUT 1974 15 189-193.

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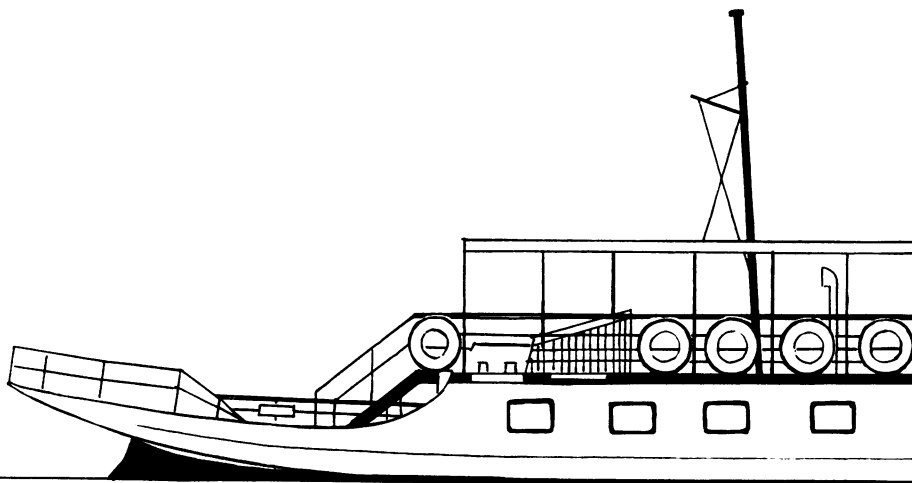
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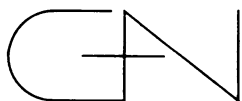
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In such cases, clearly, a new approach is needed—one which complements topical therapy with treatment of the underlying cause.

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complements topical therapy in haemorrhoids

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1. *Lancet* (1974) i, 109.

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