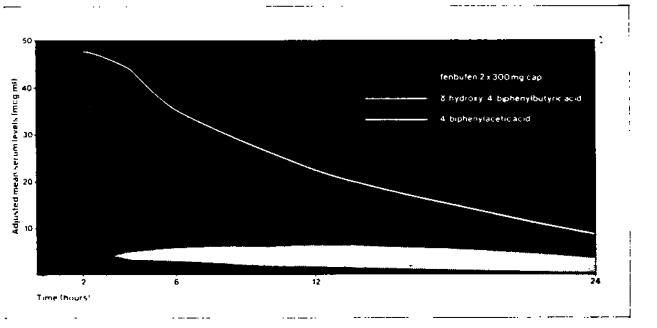
The potent anti-arthritic that's gentle on your patient

In the stomach LEDERFEN is present as fenbufen which is not a gastric irritant. In the liver, LEDERFEN is converted to long-acting metabolites which possess potent anti-inflammatory and analgesic activity.



- **Exceptional gastro-intestinal tolerance**
- **No accumulation in patients with renal impairment**
- **Simple dosage**
- **Highly effective**

Lederfen*
fenbufen

The right choice for your older arthritic patients

PRESENTATION
300 mg Capsules
Dark blue capsules each containing 300 mg of fenbufen and printed "Lederle 300 mg" on both the cap and body.
USES
Lederfen is a potent non-steroidal anti-inflammatory and analgesic agent indicated for the symptomatic treatment of rheumatoid arthritis, osteoarthritis and ankylosing spondylitis.
DOSAGE AND ADMINISTRATION
Adults
Two capsules (600 mg) as a single daily dose or three capsules (900 mg) daily in divided doses. Many patients can be adequately controlled with a daily dosage of two capsules taken at night; whereas some may require an extra capsule in the morning.
It is unnecessary to modify the dosage of Lederfen in cases of mild to moderate renal impairment. Lederfen may therefore be used in elderly patients in whom renal impairment commonly occurs.
Children
Not recommended for administration to children under the age of 14.
CONTRA-INDICATIONS, WARNINGS ETC.
Contra-indications: Hypersensitivity to propionic acid anti-inflammatory drugs, or aspirin.
Precautions: As with other non-steroidal anti-inflammatory agents, Lederfen should be used with great caution in patients with a history or evidence of active peptic or intestinal ulceration, and only when considered essential in pregnant and nursing women.
Warnings and adverse effects: Lederfen is well tolerated by most patients and unlike other non-steroidal anti-inflammatory agents, is extremely unlikely to cause gastro-intestinal ulceration. However, adverse effects may include symptoms of gastro-intestinal intolerance such as nausea. Other reactions which have occurred infrequently include skin rash, dizziness, drowsiness and headache. Slight decreases in blood leucocytes, haemoglobin and haematocrit, as well as slight increases in prothrombin time and eosinophils, have occasionally been recorded. Transient elevations in values of liver function tests have occurred in some patients.
Drug interactions: When single doses of aspirin 900 mg and Lederfen 500 mg are administered together, serum concentrations of Lederfen and its metabolites are reduced by 10-20%. Concomitant use of aspirin may require adjustment of dosage of Lederfen.
Lederfen is strongly protein bound. Although no clinically significant interactions have been noted as yet, practitioners should be alert to this possibility.
Overdosage: There is no experience with overdosage, consequently the signs, symptoms and treatment have not been identified. There is no specific antidote.
PHARMACEUTICAL PRECAUTIONS
Store at a temperature not exceeding 15°C in the original container. Keep lid tightly closed.
LEGAL CATEGORY
POM.
PACKAGE QUANTITIES
Bottle of 100. Basic NHS cost £16.24 per 100 capsules.
FURTHER INFORMATION
Lederfen is extremely unlikely to cause gastro-intestinal bleeding or ulceration since it is present in the stomach as fenbufen which is not a gastric irritant. Following absorption, fenbufen is converted into active metabolites whose prolonged duration of action (half-lives 10-17 hours) provide sustained anti-inflammatory and analgesic activity. Therefore in many patients, single oral doses given at night will provide adequate plasma levels to provide symptomatic relief of nocturnal pain and morning stiffness.
PRODUCT LICENCE NUMBER
0095/0043
PRODUCT AUTHORISATION NUMBER
37/26/2.
DATE OF PREPARATION OR LAST REVIEW
November 1980.
*Trademark

Further information is available on request to the company

Lederle Laboratories, a division of Cyanamid of Great Britain Limited
Fareham Road, Gosport, Hants PO13 0AS Tel: (0329) 236131.

How long must they wait for Froben?

Three years' use in General Practice has shown that Froben is very effective in the treatment of osteoarthritis – as it is in rheumatoid arthritis.

Froben, a potent inhibitor of prostaglandin biosynthesis, has the powerful analgesic and anti-inflammatory action needed to relieve the pain and stiffness of osteoarthritis.

Today, a substantial proportion of prescriptions for Froben are for elderly osteoarthritic patients.

The sort of patients you see almost every day.

Make Froben **your** first choice.

We strongly recommend it.

The Boots Company Ltd., Nottingham

Froben

flurbiprofen

A power to use sooner than later

Prescribing Information:
Presentation: Sugar-coated tablets, each containing either 50mg or 100mg of flurbiprofen. **Uses:** Froben is indicated in the treatment of rheumatoid disease, osteoarthrosis and ankylosing spondylitis. **Dosage:** 150mg to 200mg daily in 3 or 4 divided doses. In patients with severe symptoms or disease of recent origin, or during acute exacerbations, the total daily dose may be increased to 300mg in divided doses. **Contra-indications, Warnings etc:** Froben should not be given to patients with peptic ulceration. Care should be taken when administering the drug to patients with asthma or who have experienced bronchospasm with other anti-inflammatory or analgesic agents. The safety of Froben during pregnancy or lactation has not been established. In animal experiments, no teratogenic effects were demonstrated but parturition was delayed and prolonged. Side-effects: dyspepsia, heartburn and headache are the commonest encountered. Occasional skin rashes have been reported. Treatment of overdosage: gastric lavage and, if necessary, correction of serum electrolytes. There is no specific antidote. **Basic NHS Price:** 50mg tablets, 100 £8.24 100mg tablets, 100 £15.65. **Product Licence No:** 50mg tablets, PL0014/0167, 100mg tablets, PL0014/0168. Further information is available on request.

The symbol of a new flexibility

Eases rheumatic pain and stiffness
Improves mobility
Flexible dosage

Geigy

Full prescribing information is available from
Geigy Pharmaceuticals, 54 Northumberland Road, Ballsbridge, Dublin.

METHRAZONE®

feprazone

HAS THE STRENGTH

There's a strong case for including Methrazone in your armamentarium of anti-arthritic agents. Methrazone reinforces your choice of treatment, providing effective relief from the chronic problem of pain, stiffness, inflammation and immobility.

Unlike many other anti-arthritic agents introduced in recent times, Methrazone is founded on strength. Chemically its starting point lies in phenylbutazone. But Methrazone is a whole generation different from phenylbutazone – chemically and clinically. Its one strong similarity to phenylbutazone is a high degree of anti-inflammatory activity.

As befits a modern anti-arthritic, Methrazone has a low incidence of major adverse effects – and has stood up strongly to a particularly searching scrutiny of its safety in short-and long-term monitored programmes. Adding Methrazone to the armamentarium can only strengthen your choice.

PRESCRIBING INFORMATION: **Methrazone** - feprazone capsules 200mg. **Action and Indications:** Non-steroidal anti-inflammatory agent for rheumatoid arthritis and osteoarthritis. **Contra-indications:** Where there is a danger of cardiac decompensation; hepatic disease; history of peptic ulceration; blood dyscrasia; drug rash or known sensitivity to pyrazoles. **Precautions, Warnings and Side effects:** Concurrent therapy with plasma protein-bound agents; as for all pyrazole drugs, blood monitoring and surveillance for sodium and water retention are advised; caution in pregnancy during organogenesis. Mild gastric intolerance, rashes, and occasional headache have been reported. **Dosage:** Adults only: 200-600mg daily in divided doses by mouth after food. **Pack size and basic NHS price** (UK only) 100 capsules, £12.87. **PL** 0015/0071▼
For full prescribing information please see data sheet. **WB Pharmaceuticals Ltd**
PO Box 23 Bracknell Berkshire RG12 4YS.

WBP

REALLY ACTIVE IN ARTHRITIS

WBP15

BRUFEN 400

Ibuprofen B.P.

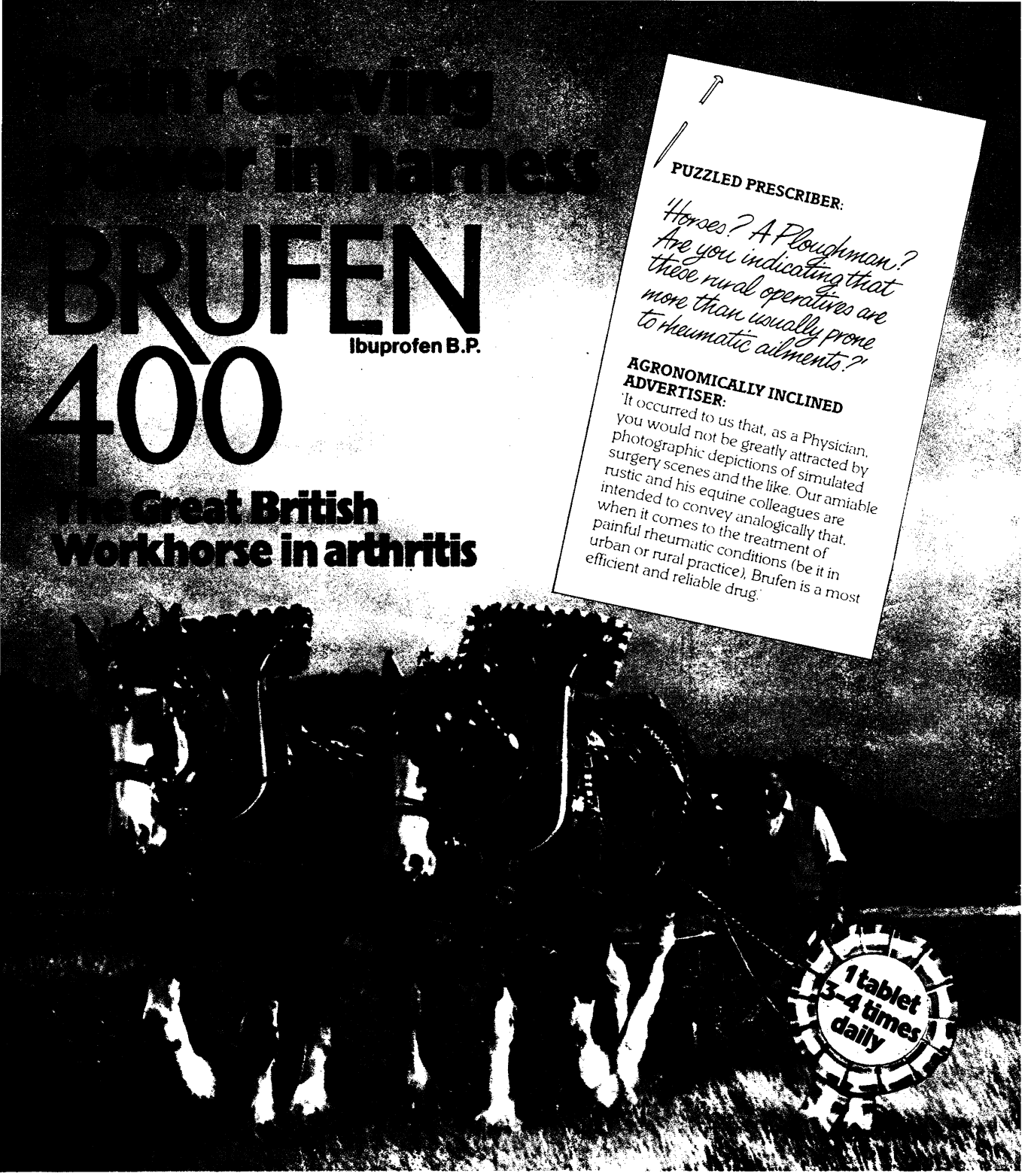
The Great British Workhorse in arthritis

PUZZLED PRESCRIBER:

'Horses? A Ploughman? Are you indicating that these rural operatives are more than usually prone to rheumatic ailments?'

AGRONOMICALLY INCLINED ADVERTISER:

'It occurred to us that, as a Physician, you would not be greatly attracted by photographic depictions of simulated surgery scenes and the like. Our amiable rustic and his equine colleagues are intended to convey analogically that, when it comes to the treatment of painful rheumatic conditions (be it in urban or rural practice), Brufen is a most efficient and reliable drug.'



Prescribing Information. Presentation Brufen 400 are sugar-coated tablets each containing 400mg of Ibuprofen B.P. The tablets are light magenta in colour and bear the overprint 'Brufen 400' in black. **Uses** Brufen is indicated for its anti-inflammatory and analgesic effect in the treatment of rheumatoid arthritis (including Juvenile rheumatoid arthritis or Still's disease), ankylosing spondylitis, osteoarthrosis and other non rheumatoid (seronegative) arthropathies. In the treatment of non articular rheumatic conditions, Brufen is indicated in periarticular conditions such as frozen shoulder (capsulitis), bursitis, tendinitis, tenosynovitis and low back pain; it can also be used in soft tissue injuries such as sprains and strains. **Dosage and Administration** Adult: The recommended initial dosage of Brufen is 1200 mg daily in divided doses. Some patients can be maintained on 600 to 1200 mg daily. It can be advantageous in severe conditions to increase the dosage to 1600 mg daily in divided doses until the acute phase is brought under control. Children: 20 mg of Brufen per kg of body weight daily, except that in children weighing less than 30 kg, the total dose of Brufen given in 24 hours should not exceed 500 mg. **Contra-indications** Brufen should not be given to patients with severe or active peptic ulceration. **Use in Pregnancy** No teratogenic effects have been demonstrated in animal experiments; nevertheless, the use of Brufen during pregnancy should be avoided if possible. **Warnings and Adverse Effects** Brufen should be prescribed with caution for patients with asthma and especially for those who have developed bronchospasm with other non steroidal agents. The adverse effects reported include dyspepsia, gastro-intestinal intolerance and bleeding and skin rashes of various types. Less frequently, thrombocytopenia has occurred. A very rare occurrence can be toxic amblyopia, but in reported cases, recovery occurred upon cessation of treatment. **Treatment of Overdosage** Gastric lavage, if necessary, correction of blood electrolytes. There is no specific antidote to Brufen. **Pharmaceutical Precautions** Recommended storage conditions: 5 °C to 20 °C. **Legal Category** POM. **Package Quantities** 400 mg tablets (Brufen 400): tin of 100, tin of 250. **Further Information** When Brufen is taken on an empty stomach, the peak serum levels occur 45 minutes after ingestion, whereas when taken after a meal the peak is delayed to 90 minutes. Consequently, as most patients can take Brufen on an empty stomach without gastric discomfort, if the first daily dose is taken on awakening with a drink, the rapid absorption of the drug will help to relieve morning stiffness. **Basic NHS Price** Brufen 400: 250 Pack £11.54. **Product Licence Numbers** 400 mg tablets (Brufen 400): PL0014/0158.

The Boots Company Ltd. Nottingham

BRUFEN is a registered trade mark

in arthritis

FLENAC

fenclofenac

a step beyond symptomatic relief

Flenac is not only a first-class treatment for arthritic pain and inflammation; recent studies[1-4] point to an extra benefit not shared by other non-steroidal anti-inflammatories.

These studies show Flenac to have a beneficial effect on E.S.R. and on C-reactive protein and Rheumatoid Factor titres – the laboratory parameters considered to best reflect disease activity and correlate with radiological evidence of joint damage[5]

reducing eventual joint damage

relieving pain and inflammation

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Warnings
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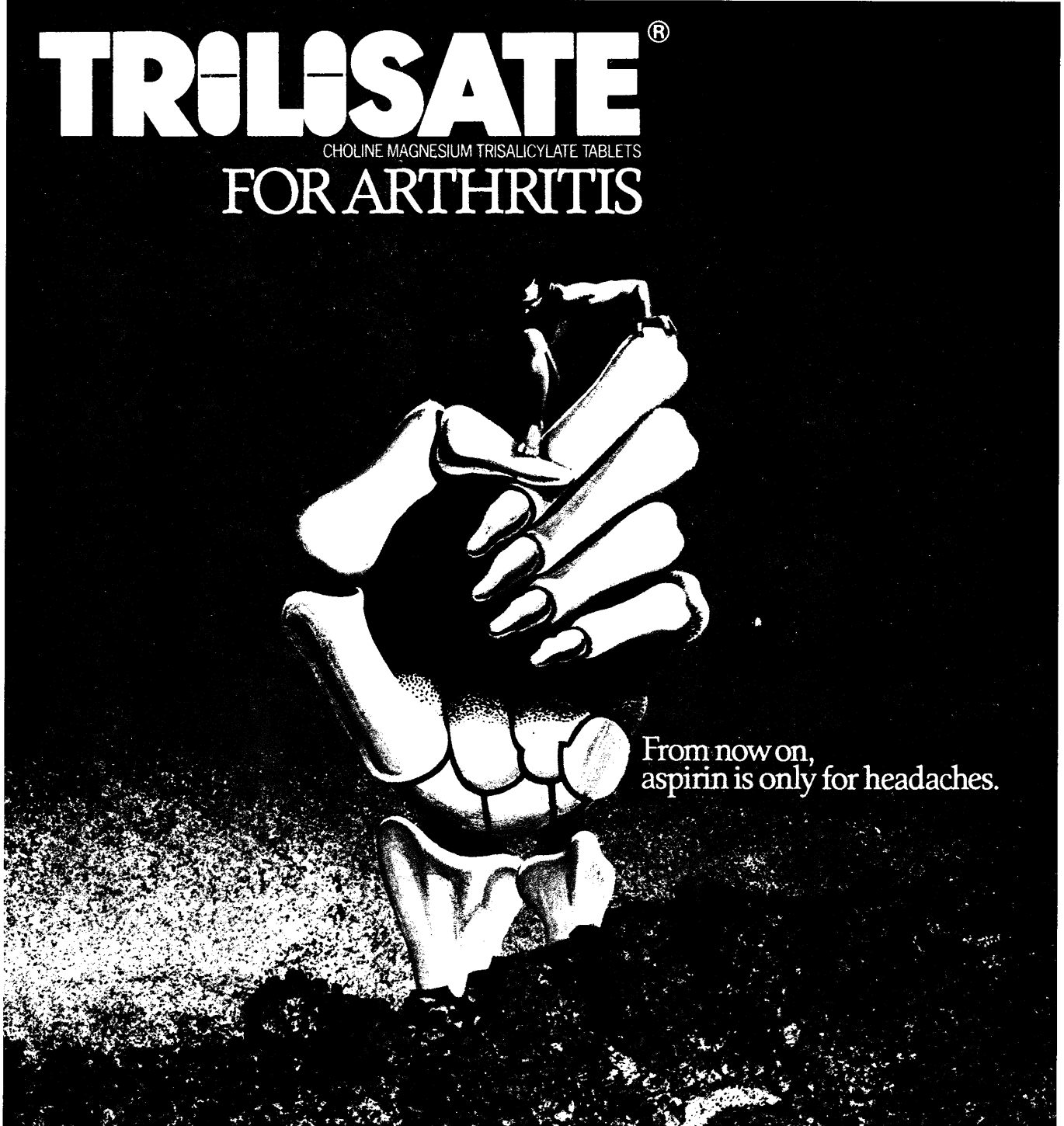
TRILISATE®

CHOLINE MAGNESIUM TRISALICYLATE TABLETS

FOR ARTHRITIS



PRESCRIBING INFORMATION:

PRESENTATION: Pale orange capsule-shaped, scored tablets with TRILISATE on one side and NAPP 500 on the other, containing 500mg salicylate as choline magnesium trisalicylate.

USES: TRILISATE tablets are indicated for relief of the signs and symptoms of rheumatoid arthritis, osteoarthritis and other arthroses.

DOSAGE AND ADMINISTRATION:
Two tablets twice a day for osteoarthritis and mild to moderate arthroses. Three tablets twice a day for rheumatoid arthritis and the more severe arthroses.

CONTRA-INDICATIONS, WARNINGS, ETC.

CONTRA-INDICATIONS: Hypersensitivity to aspirin. Active peptic ulceration. Haemophilia.

PRECAUTIONS: Concurrent administration with other analgesics containing aspirin.
As with other salicylates, TRILISATE tablets should be used with caution in patients with chronic renal insufficiency, or with erosive gastritis or peptic ulcer.
TRILISATE tablets should be used with caution in pregnancy.

WARNINGS AND ADVERSE EFFECTS:
May induce gastro-intestinal haemorrhage. Reports indicate that when salicylates are given with steroids, the butazones or alcohol, the risk of gastro-intestinal ulceration is increased.
TRILISATE tablets are not recommended for children under twelve years of age. As with all medicines, TRILISATE tablets should be kept out of reach of children.

TREATMENT OF OVERDOSAGE:
Empty stomach contents and lavage stomach with 5% sodium bicarbonate solution.
Severe overdosage should be treated by diuresis induced by intravenous saline with sodium bicarbonate, or dextrose solution.
Electrolyte levels and acid base balance should be monitored and corrected as necessary.

PHARMACEUTICAL PRECAUTIONS:
TRILISATE tablets should be stored in a cool, dry place, protected from light.

LEGAL CATEGORY: P

PACKAGE QUANTITIES: Containers of 60 tablets.

FURTHER INFORMATION:
When TRILISATE tablets are administered, the salicylate is absorbed rapidly and reaches peak blood levels within two hours. At recommended doses, the therapeutic range of 5 to 30mg/100ml is achieved, and a steady state condition is normally reached after 4-5 doses.
TRILISATE tablets do not cause any significant faecal blood loss nor do they affect platelet aggregation.
TRILISATE tablets do not cause any observable stomach mucosal irritation as determined by endoscopic examination.

Basic NHS cost: 27.5p day (2 b.d.)

NAPP

Further information is available on request from Napp Laboratories Limited, Hill Farm Avenue, Watford WD2 7RA, England.
Member of Napp Pharmaceutical Group. ® Trilisate is a registered trade mark. P.L. 0337/0053.

Presentation MERALEN 100mg Hard gelatin capsule with light blue body and dark blue cap
Composition Each 100mg capsule contains Flufenamic Acid BP 100mg
Action MERALEN is an anti-inflammatory analgesic known chemically as N-(α α α- trifluoro m-tolyl) anthranilic acid
Indications For the relief of pain in rheumatoid arthritis, osteoarthrosis and ankylosing spondylitis
Dosage and administration (Oral) *Adults*: 600mg daily in divided doses, preferably with food. After four weeks continuous therapy reduced maintenance dosage of 400mg daily may be satisfactory in some patients. For those weighing less than 45kg (100 lb.) dosage should not exceed 10mg. per kg. bodyweight daily. *Children*: MERALEN should not be given to children of 14 years or less.
Contra-indications, warnings, etc. Contra-indicated in pregnancy, in inflammatory bowel disease and in patients suffering from gastric and/or intestinal ulceration and in renal or hepatic disease.
Precautions Concurrent therapy with other plasma protein binding drugs, eg. anti-coagulants may necessitate a modification of dosage.
Warnings and Adverse Effects Discontinue administration of MERALEN if diarrhoea or abnormalities in liver function tests occur. The commonest side effect is gastro-intestinal upset characterised by nausea, vomiting or epigastric discomfort. If gastro-intestinal intolerance occurs and the physician attributes this to the drug, the dose of MERALEN may be reduced by one half. If signs and symptoms do not subside, the drug may need to be completely discontinued. The physician may be able to increase the daily dosage of MERALEN again once these symptoms have subsided. In some patients the gastro-intestinal symptoms subside spontaneously without reduction of dosage of MERALEN. MERALEN should be discontinued in the event of rash suspected to be a sensitivity reaction. One case of purpura and four of leucopenia have been reported, one of the latter had been diagnosed as spontaneous leucopenia before MERALEN therapy had commenced. Bronchospasm may be precipitated in patients suffering from or with a previous history of bronchial asthma or allergic disease.
Treatment of overdosage Gastric lavage in the conscious patient and intensive support of therapy where necessary. Activated charcoal has been shown to be a powerful absorbent for MERALEN and its metabolites. Studies in experimental animals showed that a 5 to 1 ratio of charcoal resulted in a considerable suppression of absorption of the drug.
Pharmaceutical precautions No special storage precautions.
Legal category POM
Package Quantities 100mg capsules available in packs of 100 capsules.
Basic NHS cost £4.40 (100 capsules) June 1979
Product Licence No. MERALEN Capsules 100mg 0027/0034

References: 1 Fiechtner *Rheumatology* (1978) Supplement to *Doctor* 2 Van Collier P.E. (1970) *Medical Proceedings* **16**, 342

Merrell Division, Richardson Merrell Ltd. 20 Queensmere, Slough, Berks. SL1 1YS.

Anti-inflammatory Analgesic Capsules
Flufenamic Acid BP

the valid alternative in arthritis

You and your arthritic patient will have experienced the time-consuming search through the available non-steroidal armamentarium for the drug "...which combines optimal effectiveness and absence of adverse effects."[1]

MERALEN may just be the right drug for many of your arthritic patients.

MERALEN belongs to the fenamates, totally unrelated to the propionic acid derivatives, salicylates and phenyl-pyrazolone derivatives.

"Flufenamic acid (**MERALEN**) appears to be useful as an anti-rheumatic drug, especially in rheumatoid and osteo-arthritis, where long-standing pain and joint inflammatory processes were still active. It gives relief and even enhances mobility where joint pathology incapacitates movement."[2]