

# UNIQUE ELEGANCE IN ARTHRITIS THERAPY

Lederfen is a pro-drug. The active constituent, fenbufen, is inactive until metabolised by the liver, whereupon two major metabolites are produced – both of them potently active against the symptoms of arthritis.

In this elegant fashion, the gastric side-effects that limit the use of most other NSAID drugs are avoided.

This sophisticated power is now recommended as a 900 mg daily dose divided 1 mane, 2 nocte in the new presentation of a 300 mg tablet.

At this level, Lederfen rapidly produces analgesia and proven long-term effectiveness against the symptoms of arthritis – at least equal to that of indomethacin.

And, no surprises. Lederfen produces fewer serious side-effects than any other anti-arthritic.

**Lederfen**  
fenbufen **TABLETS**

the pro-drug way to  
control pain, stiffness  
and side-effects

#### Prescribing Information

**Indications:** Rheumatoid arthritis, osteoarthritis, ankylosing spondylitis.

**Dosage: Adults:** One tablet in the morning and two at night. LEDERFEN is not a gastric irritant and is converted, following absorption into long-acting active metabolites.

Consequently LEDERFEN is extremely unlikely to cause gastro-intestinal bleeding or ulceration. Furthermore, LEDERFEN may be used without dosage modification in elderly patients in whom mild to moderate renal impairment commonly occurs.

**Contra-Indications:** Hypersensitivity to propionic acid anti-inflammatory drugs or aspirin.

**Precautions:** In patients with a history or evidence of active peptic or intestinal ulceration, and only when considered essential in pregnant and nursing women.

**Side-effects:** LEDERFEN is well tolerated by most patients. Gastro-intestinal symptoms, and occasionally skin rash are the most commonly reported.

**Legal Category:** POM.

**Presentation:** Light blue, film coated, capsule shaped 300mg tablets engraved "LL 300", or capsules printed "Lederle 300mg", in bottles of 100.

**Basic NHS Cost:** £16.24 per 100 tablets or capsules.

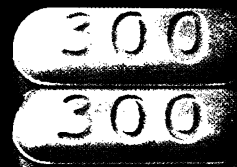
PL 0095/0081.

Full prescribing information is available on request.

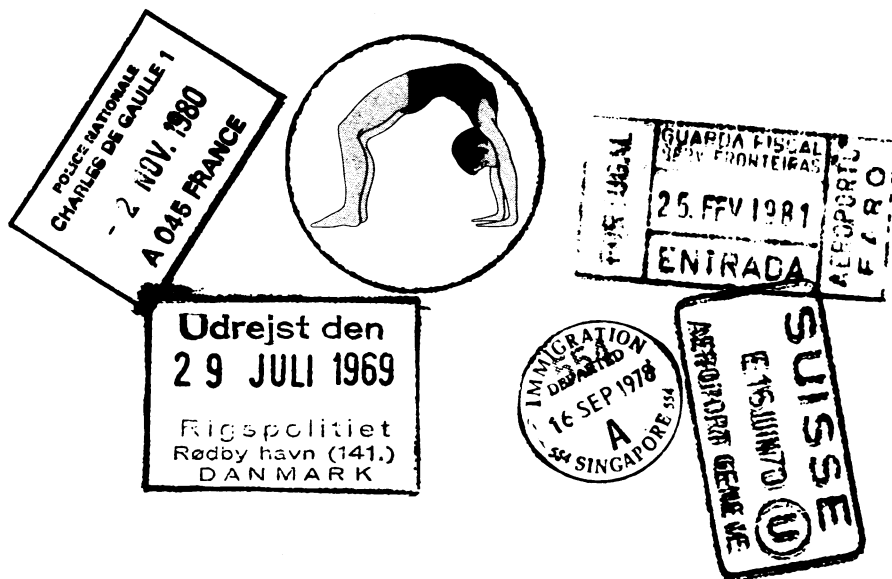


Lederle Laboratories, a division of Cyanamid of Great Britain Limited, Fareham Road, Gosport, Hants PO13 0AS. Tel: (0329) 236131.

Lederfen is a trademark.



# Freedom of movement



# **Voltarol<sup>®</sup>** diclofenac sodium **for arthritis**

**Geigy**

Full prescribing information is available from Geigy Pharmaceuticals, Horsham, West Sussex

GY1

# Long term activity in arthritis



**I**N the treatment of arthritis, relief of pain and inflammation is a major objective. The ultimate aim, however, is to restore mobility lost through painful, stiffened joints. This requires long-term, consistently effective control of pain and inflammation.

Continuity of treatment is fundamental to the successful management of arthritis.



**PRODUCT** of Boots Research, Froben is designed for the long-term treatment of arthritis. Rapidly absorbed, it quickly reaches the affected joints bringing

pain and inflammation firmly under control and maintaining that control over long periods of treatment. Drug accumulation does not occur and Froben is well tolerated by most patients. Froben is suitable for continuous treatment. Which is why it is effective.



**S**UITABLE for all arthritic patients, Froben is particularly valuable for those who need a high level of relief from pain and inflammation. Froben will provide that extra relief without the

high incidence of side-effects often associated with the more potent of the anti-arthritic agents.



**ROBEN** is the right anti-arthritic with which to start treatment. It is the right antiarthritic with which to continue treatment. With Froben, your arthritic patients will receive the full benefit of continuous, consistent long-term therapy.

*Froben*  
flurbiprofen

## Active in Arthritis

**Prescribing Information:**

**Presentation:** Sugar coated tablets, each containing either 50mg or 100mg of flurbiprofen. **Uses:** Froben is indicated in the treatment of rheumatoid disease, osteoarthritis 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 overdose:** 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.

If you have not yet used Froben, naturally you will wish to know more about the product than we can convey in this advertisement. We will gladly send you the Froben Clinical & Technical Review on request.

Name .....

Address .....



Boots Pharmaceuticals Ltd, Nottingham

in arthritis

# FLENAC<sup>®</sup>

fenclofenac

## a step beyond symptomatic relief

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

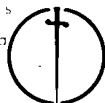
These studies show Flenac to have a beneficial effect on E.S.R. and on C-reactive protein and Rheumatoid Factor titres – the laboratory parameters considered to best reflect disease activity and correlate with radiological evidence of joint damage<sup>5</sup>

reducing  
eventual joint  
damage

relieving pain  
and  
inflammation



**Prescribing information:** **Presentation** Tablets of 300mg fenclofenac. **Indications** Chronic and sub-acute rheumatological conditions such as osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, **Dosage and Administration** Adults 600-1200mg (2-4 tablets) daily, in divided doses (morning and night) with or after food. Flenac is not recommended for children. **Contra-indications** Active peptic ulceration or gastric bleeding. **Warnings** Flenac should not be prescribed for children or for pregnant or lactating women. Flenac should not be administered to anti-coagulants. Care should be taken when treating patients with known renal or hepatic dysfunction, eczema, asthma or sensitivity to other non-steroidal anti-inflammatory drugs. **Note** Flenac interferes with thyroid function tests. **Side-effects** Gastro-intestinal symptoms sufficient to require discontinuing treatment are rare. Rashes have occurred, but have resolved shortly after withdrawal of the drug. **N.H.S. Price** £12.90 (bulk of 100). **P.L.L.** 44-0060. **References** 1. Roy Soc Med (ICSS) (1980); No 28, p 95-100. 2. Roy Soc Med (ICSS) (1980); No 28, p 17-22. 3. Roy Soc Med (ICSS) (1980); No 28, p 57-60. 4. Roy Soc Med (ICSS) (1980); No 28, p 139-112. 5. Brit Med J (1980); 280, p 964. Additional information is available from: Reckitt & Colman Pharmaceuticals Division, Hull HU8 7DS. Tel: 0482 26151. Flenac is a registered trademark.



# A RADICALLY NEW WAY TO DELIVER RELIEF FROM ARTHRITIS

unique pH-sensitive

NEW  
ONCE-DAILY

2 CAPSULES o.d.

# Oruvail

ketoprofen

Programmed to control your patients'  
symptoms 24 hours-a-day



dialysing membrane

ketoprofen

## IN THE STOMACH

the acid environment prevents  
release of active drug –  
minimising local gastric irritation.

## IN THE INTESTINE

the more alkaline environment  
initiates the gradual diffusion  
of ketoprofen from the pellets

to be absorbed for analgesic effect

### Prescribing information

Dosage: Orally with food, 100-200mg once daily.  
Contra-indications: Recurring history of/ or peptic ulceration, chronic dyspepsia, use in children, in patients sensitive to aspirin or other non-steroidal anti-inflammatory drugs known to inhibit prostaglandin synthetase or with bronchial asthma or allergic disease.  
Precautions: Pregnancy, lactation. Dosage of concomitant protein-binding drugs may need modification.  
Side-effects: Occasional gastro-intestinal intolerance. Very rare gastro-intestinal haemorrhage/skin rashes.  
Presentation: 100mg capsules PL 0012/0133  
Basic NHS Cost: (Jul '82) 100 x 100mg capsules £18.38  
Oruvail is a trade mark.



**M&B** May & Baker

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May & Baker Ltd., Dagenham, Essex RM10 7XS MA 1413

AZAPROPAZONE + PROQUAZONE + FEPRAZONE + OXAPROZIN + BENOXAPROFEN + CARPROFEN + SUPROFEN + KETOPROFEN + PIRPROFEN + ALMINOPROFEN + FENBUFEN + INDOBUFEN + BUTIBUFEN + FENCLOFENAC + FURFENAC + DICLOFENAC + SULINDAC + CLIDANAC + ZOMEPIRAC + FENTIAZAC + ISOFEZOLAC + PIRAZOLAC + PIROXICAM + SUDOXCAM + OXAMETACIN + ACEMETACIN + ZIDOMETACIN + MEFENAMIC ACID + TOLFENAMIC ACID + FLUFENAMIC ACID + FLOCTAFENINE + ANTRAFENINE + FENDOSAL + FOSFOS

**... confused ?**

**Thank goodness for**

**BRUFEN 400**

Ibuprofen B.P.

**The Great British  
Workhorse in arthritis**



Full prescribing  
information is  
available on request

Brufen is a registered trade mark

 The Boots Company Ltd, Nottingham

# METHRAZONE

# HAS THE

# STRENGTH

feprazone

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.



## REALLY ACTIVE IN ARTHRITIS

