

That was more than ten years ago.

Since then, many new anti-inflammatory agents have become available for the treatment of rheumatic candidates. Brufen has been evaluated against most of them.

Taday, Brufen is prescribed in more than 100

countries across the World; more than 100 people have been treated with Brufen.

Experience has confirmed that Brufen is one of the most efficient, reliable and best tolerated drugs available for the treatment of arthritis.

BRUFEN Houprofer B.P.

The Great British Workhorse in arthritis Prescribing Information:

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Dissible Warnings and Adverse Effects Bruter ship and ederest could be accessed at the control objects and the control objects and the control objects and have seen become agents. The adverse enterthing recommended by a control objects and the control objects are control objects and the contro

singly to all out in reported cases, recovery occurred upon dessation of the siment. **Treatment of Overdosage** Bistrious age, if necessary, correct of indicate ectrolytes There is no scient carnitotte to Brufen.

Pharmaceutical Precautions
Recommended storage conditions
RECOMMENDED Legal Category PUM
Package Quantities 400 mg tablets
Recommended to the 400 mg tablets

Further Information Afren Bruter staken on an empty stomach the bear serum levels scotch 45 milludes after ingest on whereas when taken afren ingest on whereas when taken afres afres the bear is called the same of the first called the same of the sam





Nu-Seals. Prescribing Information. Presentation.

Enteric sealed tablets of Aspirin BP Nu-Seals Aspirin is available in two sizes containing 300 mg (coded BOI) and 600 mg (coded B06) acetylsalicylic acid covered in a special coating, red in colour.

Uses.

Aspirin has analgesic, antipyretic and anti-inflammatory actions. Nu-Seals Aspirin is indicated wherever high and prolonged dosage of aspirin is required. The special coating resists dissolution in gastric juice, but will dissolve readily in the relatively less acid environment of the duodenum. In addition the coating is susceptible to the action of certain intestinal enzymes which assist the release of the drug at this point. Owing to the delay that the coating imposes on the release of the active ingredient, Nu-Seals Aspirin is unsuitable for the short-term relief of pain.

Dosage and Administration.

"NU-SEALS" Aspirin is for oral administration. The usual adult dose of aspirin is 300-900 mg repeated three to four times daily according to clinical needs. In acute rheumatic disorders the dose is in the range of 4-8 g daily, taken in divided doses. "NU-SEALS" Aspirin should not be given to children under the age of 5 years, as the usually recommended maximum single dose is less than that provided by the smaller size tablet. Children aged 6-12 years may be given 300 mg up to four times daily. Contra-indications, Warnings, etc.

Hypersensitivity to aspirin. Hypoprothrombinaemia and haemophilia. Warnings: Salicylates should be used with caution in patients with peptic ulcer or coagulation abnormalities. In large doses, salicylates may also decrease

insulin requirements.

Precautions: Salicylates may enhance the effect of anticoagulants and inhibit the uricosuric effect of probenecid. They may also precipitate brochospasm or induce attacks of asthma in susceptible subjects. The safety of aspirin during pregnancy has not been established. Side-effects: Salicylates may induce hypersensitivity, urate kidney stones, chronic gastro-intestinal blood loss, tinnitus. nausea and vomiting. The special coating of Nu-Seals Aspirin helps to reduce the incidence of side-effects resulting from gastric irritation.

Overdosage: produces dizziness, tinnitus, sweating, nausea and vomiting, confusion and hyperventilation. Gross overdosage may lead to CNS depression with coma, cardiovascular collapse and respiratory depression. Treatment of overdosage consists of gastric lavage and forced diuresis. Haemodialysis may be necessary in severe cases.

Pharmaceutical precautions. Nil. Legal category. P.

Package quantities. Bottles of 100 and 500. Further information, Nil.

Product licence numbers,

Nu-Seals Aspirin 300 mg 0006/5093 PA 47/36/1. Nu-Seals Aspirin 600 mg 0006/5094 PA 47/36/2. Basic NHS price. £1.63 for 100 enteric coated 600 mg

tabs.



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Edited by D. L. Gardner

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In rheumatoid arthritis and osteoarthritis

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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.



A preliminary study reported at the IXth European Congress of Rheumatology at Wiesbaden' indicates that there may be an important addition to that select group of drugs which can actually alter the disease profile of rheumatoid arthritis. This agent is Flenac, already known for its analgesic and anti-inflammatory properties, but now also shown to exhibit anti-rheumatoid effects comparable with those of D-penicillamine.

anti-rheumatoid effects demonstrated in recent study

The report described a single-blind trial, conducted in two British hospital centres, comparing the effects of Flenac. D-penicillamine and placebo in three groups of patients (47 in all) with severe rheumatoid disease. All patients were maintained on their existing anti-inflammatory/analgesic treatment throughout the study.

Clinical and laboratory parameters of disease activity were assessed three, four and six months after treatment began

Flenac significantly improved all clinical parameters of disease activity - the duration of early morning stiffness was reduced and severity of pain decreased. joint size, grip strength and articular index all improved.

Laboratory parameters of rheumatoid activity - E.S.R., C-reactive protein and immunoglobulins - all showed decreases. In seven out of the eight seropositive

patients in the Flenac group a fall in rheumatoid factor titre was observed during the trial.

In the context of this preliminary study. Flenac was comparable with, or superioto. D-penicillamine in the majority of measured parameters. In contrast, 13 of the 15 patients on placebo had to be

withdrawn from the trial 12 of them because of lack of effect.

The total number of side-effects reported in the Flenac group (7) was not significantly different from that reported in the placebo group (5), whilst a total of 18 side-effects was reported in the group receiving D-penicillamine

	Flenac			D-penicillamine		
	after 3 months	after 4 months	after 6 months	after 3 months	after 4 months	after 6 months
Early morning stiffness (minutes)	-25	-36*	-37°	+20	-26	-60**
Articular index	-38	-7.9	-9.2°	-1.6	-1.9	-0.9
Ring size	-6	-14**	-18**	-3	-6	-16**
Grip strength (mm Hg)	+20	+58	+68*	+2	+23	+37
Pain - visual analogue scale	-13	-22**	-35**	-1	-6	-14
C-reactive protein (mg 100ml 1)	-0.02	-1.7*	-1.6*	+13	-0.04	-05
ESR (mm/hr ⁻¹)	-8	-18**	-9	-18**	-13*	-20°
lgM (mg 100ml-')	-30*	-12	15	-8	-4	+3
lgG (mg 100ml ')	-32*	-300*	-240**	+179	-62	+80

FLENAC

analgesic, anti-inflammatory and now shown to exert demonstrable anti-rheumatoid effects

Presentation Tablets of 300 mg fenciofenac.

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 at present be prescribed for children or for pregnant or lactating women. Flenac should not be co-administered with anti-coagulants. Care should be taken when reading patients with known renal or hepatic dysfunction, eczemi-ashma, or sensitivity to other non-steroidal anti-inflammatory

Note Flenac interferes with thyroid function tests.

Side effects Gastro-intestinal symptoms sufficient to required discontinuing treatment are rare. Rashes have occurred, but I resolved shortly after withdrawal of the drug.

N.H.S. Price £11.24 pack of 100

* Paper presented at IXth European Congress of Rheumatology, Wiesbaden, Germany, Sept. 1979.

Additional information is available from Record & Colman. Pharmaceutical Division, Hull H08 70S. Ten. 0482-26151. Distributors in Republic of reland, Reports (Irelandi Etd., Dublin 12. Flensc.'s a registered trade mark.

Pt. 44-0060 Inst-PA27.19.1.



Arthritis When a nonsteroidal anti-inflammatory agent is indicated...

...a potent antiprostaglandin must be considered as first line treatment

Froben is a potent antiprostaglandin

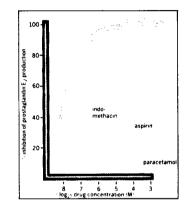
It is now accepted that the analgesic and anti-inflammatory effect of nonsteroidal anti-inflammatory drugs (NSAIDs) is due mainly to their inhibitory action on prostaglandin

synthetase activity. It has also been well demonstrated that the level of antiprostaglandin activity exhibited by these drugs correlates

closely with their clinical analgesic and anti-inflammatory potency.

Since the antiprostaglandin activity of a drug bears a relationship to its clinical potency, the higher the level of this activity, the more likely it is that the drug will be effective in reducing pain and inflammation.

"...the study in vitro of the inhibitory effect of a drug on prostaglandin synthetase activity may be used to predict, in most cases, its anti-inflammatory activity..."





Precursors



Prostaglandins and related substances

A potent antiprostaglandin must be considered as first line treatment in arthritis.

"Concurrent studies in our department have shown flurbiprofer to be one of the most powerful of the anti-inflammatory drugs in inhibiting the action of prostaglandin synthetase from rheumatoid synovium..."2

Froben is a potent antiprostaglandin.

In the treatment of osteoarthrosis, rheumatoid disease and ankylosing spondylitis, Froben provides the powerful analgesic and anti-inflammatory action needed to effectively relieve the pain and stiffness of arthritis and so provide a progressive improvement in the mobility of the arthritic patient.

Prescribing Information

Presentation: Sugar-coated tablets, each containing either 50mg or 100mg of flurbiproten Uses: Froben is indicated in the treatment of rheumatoid disease, osteoarthrosis and ankvios ng spongylitis

Dosage: I50mg 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 300 main divided doses

Contra-indications, Warnings etc: Fruben should not be given to patients with peptulceration. Care should be taken when admin stering the drug to patients with asthma or who have experienced bronchospasm with other anti-inflammators or analoesic agents The safety of Froben during pregnancy of lactation has not been established. In animal experiments, no teratogenic effects were demonstrated but parturition was delayed and prolonged. Side-effects: dy spepsia ineartburn and headache are the commonest encountered. Occasional skin rashes have been reported. Treatment of overdosage gastric lavage and if necessary, correction of serum electrolites. There is no specific anticote Basic NHS Prices 50mg tables. 102. £6.24. (50mg tables, 102.) 6.24. (50mg tables, 102.) 6.25. (50mg tables) 6.25. (50mg table

References: 1. Garcia-Rafaneli, J., and Forn J. Arzneim-Forsch. Drug Res. 1979. 29. 630 2. Bacon. P.A. et al. Curr Med Res Opin 1975. 3, Suppl 4.20

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- **★ Low level of side effects**

2 capsules at night

Prescribing Information

Prescribing Information

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