

# Inj. Feverdon® Plus



## THE KILLER PUNCH

For Fighting Inflammation, Pain & Pyrexia

**VETS** - in the service of veterinary profession since 1979

# Inj. Feverdon® Plus

\* Controls Inflammation \* Alleviates pain

\* Combats fever \* Restores Mobility

Each ml contains :

Paracetamol I P 150 mg.

Mefenamic acid I P 50 mg.

### Salient Features

#### PARACETAMOL

- Preferential Cox-2 and Cox-3 inhibitor
- Excellent antipyretic
- Potent analgesic
- Safe with no residual effect
- Non Carcinogenic
- More effective against inflammatory conditions in the C.N.S.

#### MEFENAMIC ACID

- Most powerful NSAID
- Excellent analgesic antipyretic & anti-rheumatic
- High distribution at inflammatory sites
- Quick on set of action, peak plasma concentration in 30 minutes
- Decreases uterine contractions

### Indications

- Pyrexia of unknown origin or pain & fever associated with infections.
- Inflammatory conditions following reproductive disorders like metritis, prolapse & mastitis.
- Acute & Chronic inflammatory conditions like osteoarthritis, rheumatoid arthritis, myositis, lameness, pharyngitis, otitis, & rhinitis.
- Gastrointestinal colic, renal colic
- Mild & moderate post-operative care
- Hip dysplasia in dog.

### Dosage & Administration : deep IM injection

Large Animals : 20-30 ml per day for 3-4 days

Small Animals : 2-5 ml per day for 3-4 days

Dogs : 1-2 ml per day for 3-4 days

### Presentation : 30ml & 100ml vial



### Important

Recent research has shown the presence of a new, previously unknown Cyclooxygenase enzyme Cox-3, found in the brain & spinal cord, which is selectively inhibited by paracetamol, & is distinct from the two already known Cyclooxygenase enzymes Cox-1 & Cox-2. It is now believed that this selective inhibition of the enzyme Cox-3 in the brain & spinal cord explains the effectiveness of paracetamol in relieving pain & reducing fever without having unwanted gastrointestinal side effects.

Ref.: Chandrasekharan, N.V. et al., 2002, Cox-3, a Cyclooxygenase-1 Variant inhibited by acetaminophen & other analgesic/antipyretic drugs: cloning, structure, and expression, Proc. Natl. Acad. Sci., USA, 99, 13926-13931.

In laboratory animals & humans, relative potency has been established for NSAID: Meclofenamic acid > indomethacin > naproxen > phenyl butazone > aspirin and similar pattern occurs in domestic animals.

Ref.: Lee, P., and Higgins, A.J. 1985, clinical pharmacology & therapeutic uses of NSAID in Horse, Equine Vet. J. 17; 83-96

Ref.: Vane, J.R. & Batting R. 1987, inflammation & the mechanism of action of anti-inflammatory drugs FASEB J. 1: 89-96.



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