

K-NAC

For the use of a Registered Medical Practitioner, Hospital or a Laboratory

DICLOFENAC POTASSIUM

Knac-50mg

Composition:

Each film coated tablet contains:

Diclofenac potassium 50mg

Knac - 75mg

Composition:

Each film coated tablet contains: Diclofenac potassium 75 mg .

PROPERTIES:

Diclofenac potassium is the potassium salt of a phenyl acetic acid derivative. Diclofenac is non - steroid compound with pronounced anti-inflammatory, antipyretic and analgesic action. Its action is attributed to its ability to inhibit prostaglandin biosynthesis. Prostaglandins play a major role in the medication of inflammation and pain . Diclofenac is also known to inhibit leukotrienes biosynthesis and increase the re-uptake of arachidonic acid. Diclofenac elicits a clinical response characterized by marked relief of pain and inflammation in various painful inflammatory conditions.

PHARMACOKINETICS:

Diclofenac is completely absorbed from gastrointestinal tract. However, due to first - pass metabolism, only about 50%of the absorbed dose is systematically available. Absorption is better on an empty stomach. Peak plasma levels are achieved in approximately 1 hour in fasting normal volunteers, with a range from 0.33 to 2 hours. More than 99% of diclofenac is reversibly bound to human plasma albumin. Diclofenac undergoes extensive hepatic metabolism. Excretion is through both renal as well as faecal route thereby reducing the risk of drug accumulation.

INDICATIONS :

Management of inflammatory and degenerative forms of rheumatism e.g Rheumatoid arthritis, ankylosing spondylitis, oesoarthritis and spondylarthritis, painful syndromes of vertebral column. Painful post traumatic and postoperative inflammation and swellings .

CONTRAINDICATIONS :

Active peptic ulcers and hypersensitivity to Diclofenac. Patients in whom asthmatic attacks, urticaria and rhinitis are precipitated by Aspirin and other NSAIDs.

PRECAUTIONS :

In patients with a history of gastrointestinal disorders, impaired cardiac, renal or hepatic disorders. Diclofenac should be withdrawn if peptic ulcer of gastrointestinal bleeding occurs during medication .With diclofenac, it is advisable to monitor blood count, renal and hepatic function.

PREGNANCY :

Should be administered only when potential benefits outweigh the risks involved. Special precautions should be exercised in the third trimester as it may lead to uterine inertia .

LACTATION:

Extremely small quantities of Diclofenac detectable in breast milk are unlikely to have undesirable effects on infants.

INTERACTIONS:

Diclofenac if used concomitantly may raise the plasma concentrations of lithium or digoxin. NSAIDs inhibit the activity of diuretic and may also raise the blood concentrations of methotrexate.

DOSAGE AND ADMINISTRATION :

One tablet of knac- 50 two times a day with or after meals. One tablet of knac- 75 once or twice a day with or after meals .

PACKING :

Knac - 50mg : Blister pack of 30's &100's in unit boxes and 100's ,500's &1000's in plastic containers.

Knac - 75mg : Blister pack of 30's &100's in unit boxes and 100's ,500's &1000's in plastic containers.

STORAGE:

Do not store above 30°C. Store in a dry place. Protect from direct sunlight. Keep all medicines out of reach of children.

Manufactured by:

UNIVERSAL
CORPORATION LTD.
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SIZE:120 X 160 MM