

Ophdic

Diclofenac Sodium B.P.

Antirheumatic
Anti-inflammatory
& Analgesic

اوفدیک
ڈیکلوفینک سوڈیم بی۔ پی۔

Ophdic 50mg Enteric coated Tab.
Ophdic Inj. 75mg/3ml Amp.
Ophdic Gel 20mg/gm

PHARMACOLOGY:

Diclofenac is a nonsteroidal anti-inflammatory drug (NSAID). This medicine works by reducing substances in the body that cause pain and inflammation

Pharmacodynamics Ophdic (Diclofenac Sodium enteric-coated tablets) is a nonsteroidal anti-inflammatory drug (NSAID) that exhibits anti-inflammatory, analgesic, and antipyretic activities in animal models. The mechanism of action of (Diclofenac Sodium) , like that of other NSAIDs, is not completely understood but may be related to prostaglandin synthetase inhibition.

Pharmacokinetics

Absorption

Diclofenac is 100% absorbed after oral administration compared to IV administration as measured by urine recovery. However, due to first-pass metabolism, only about 50% of the absorbed dose is systemically available. Food has no significant effect on the extent of Diclofenac absorption. However, there is usually a delay in the onset of absorption of 1 to 4.5 hours .

Distribution

The apparent volume of distribution (V/F) of Diclofenac Sodium is 1.4 L/kg.

Metabolism

Five Diclofenac metabolites have been identified in human plasma and urine. The metabolites include 4'-hydroxy-, 5-hydroxy-, 3'-hydroxy-, 4',5-dihydroxy- and 3'hydroxy-4'-methoxy-diclofenac. The major Diclofenac metabolite, 4'-hydroxy-diclofenac, has very weak pharmacologic activity.

Excretion

Diclofenac is eliminated through metabolism and subsequent urinary and biliary excretion of the glucuronide and the sulfate conjugates of the metabolites.

Ophdic 50mg Enteric Coated Tabs.

Ophdic 50 mg tablets are enteric coated and are acid resistant. The enteric coated tablets by pass the acidity of stomach and absorption occurs in the intestine. The peak plasma concentrations are achieved 2 hours after absorption. Due to being enteric coated the gastro-intestinal tolerance of ophdic is excellent.

Ophdic Injection (Diclofenac sodium 75mg/3ml amp.)

The onset of action of ophdic injection is within 16 minutes and the duration of effect is up to 15 hours. The injection should be administered deep into the gluteal muscle in severe arthritic conditions trauma, orthopaedic manipulations and post operative pain and inflammation.

Ophdic Gel 20mg/gm

Ophdic gel is absorbed percutaneously, allowing active substance to be delivered directly to the swollen or painful tissues. Ophdic gel exerts its local analgesic and anti-inflammatory effect by inhibiting the formation of prostaglandin which is responsible for pain and inflammation.

Indications:

Ophdic Tablets and Injection

Osteo-arthritis, rheumatoid arthritis, ankylosing spondylitis, cervical spondylitis, gout, capsulitis of shoulder, frozen shoulder, low back pain, disc lesions, dental pain, musculo-skeletal pain post operative pain.

Ophdic Gel

Localized form of soft-tissue rheumatism e.g.; tenosynovitis, shoulder-hand syndrome, bursitis, localized rheumatic diseases e.g.; Osteo-arthritis of the spine and peripheral joints, periarthropathy. Inflammation of the joints, ligaments, tendons, muscles, due to trauma e.g.; sprains, strains, bruises.

Contra-indications:

Sensitivity to Diclofenac sodium, peptic ulceration, asthma and patients with hypersensitivity to aspirin, other prostaglandin synthesis inhibitor or any component of the drug.

Side-effects:

Tab./Inj. Rarely mild gastro-intestinal upset has been reported. Other rarely observed side effects include headache, fluid retention and peripheral oedema. Ophdic Gel is generally well tolerated. Pruritis, erythema, rash or stinging may occasionally occur. Photosensitivity reactions Have been observed in isolated cases.

Precautions:

Tab. /Inj.: care should be taken in patients with severe hepatic, cardiac or renal insufficiency and history of peptic ulcer. Use pregnancy should be avoided due to the risk of premature closure of ductus arteriosus with prostaglandin inhibitors.

Ophdic Gel is only for external use. Ophdic gel should be applied to intact skin not to the broken skin or pen wounds. The preparation should not come into contact with eyes or mucous membranes. Since no experience has been obtained with Ophdic gel in pregnant and lactating women the preparation should not be recommended during pregnancy.

Dosage:

Ophdic tablets:

Adults: Ophdic 50 mg tablet. Usual dose is one tablet 2-3 times daily.

Children: 1-3mg/kg daily in divided doses or as advised by the physician

Not recommended for children under 8 years of age.

Ophdic injection. 1 ampoule twice a day (after every 12 hours) in acute arthritic conditions trauma orthopaedic conditions and to control severe pain after surgery. The injection should be administered deep into the gluteal muscle.

Ophdic Gel: Apply 1-2 g at a time and rub gently on the affected area 3-4 times daily.

Dosage:

As prescribed by the physician.

Precautions:

To be sold on the prescription of registered medical practitioner only. Store at room temperature (15-30°C). Protect from heat, light & moisture. Keep all medicines out of the reach of children.

Presentation:

Ophdic 2x10 enteric coated tablets.

Ophdic injection 75mg/3ml x 5 ampoules

Ophdic Gel 20 gm tube.

Manufactured by:
REKO PHARMACAL (Pvt.) LTD.
13-km, Multan Road, Lahore-Pakistan
www.rekopharmaceutical.com



خوراک:

ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔

ہدایات:

صرف مستند ڈاکٹر کے نسخہ پر فروخت کی جائے۔

کمرے کے درجہ حرارت (15-30°C) پر رکھیں۔

دوا کو دھوپ، نمی اور روشنی سے بچائیں۔ تمام ادویات بچوں کی پہنچ سے دور رکھیں۔