

# NFEN 50mg Tablets

(Diclofenac Sodium)

این فن

ڈیکلو فینک سوڈیم ۵۰ ملی گرام گولیاں

## COMPOSITION:

**NFEN** 50mg tablets:

Each enteric coated tablet contains:

Diclofenac Sodium.....50mg

## CLINICAL PHARMACOLOGY:

### Pharmacodynamics

**NFEN** (Diclofenac Sodium) is a non-steroidal anti-inflammatory drug (NSAID) that exhibits anti-inflammatory, analgesic and anti-pyretic properties. It inhibits prostaglandin synthesis by decreasing the activity of the enzyme, cyclooxygenase, which results in decreased formation of prostaglandin precursors.

### Pharmacokinetics

Diclofenac is almost completely absorbed after oral administration. 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. There is also a reduction in peak plasma levels. Diclofenac is approximately 99% bound to human serum proteins, primarily to albumin. Diclofenac is metabolized in liver and major portion of the dose is excreted in urine and the rest is excreted in the bile.

## INDICATIONS:

(Diclofenac sodium) is indicated for the treatment of signs & symptoms of rheumatoid arthritis, osteoarthritis, low back pain, active musculoskeletal gout, control of pain and inflammation in orthopedic, dental and other minor surgeries. Other painful and/or inflammatory conditions like dysmenorrhoea, infections of ear, nose or throat.

## CONTRAINDICATIONS:

Acute & suspected peptic ulcer of gastro-intestinal bleeding. Known hypersensitivity to diclofenac or any other NSAIDs

## PRECAUTIONS:

Symptoms or history of gastro-intestinal disease, asthma, impaired hepatic, cardiac or renal function. NSAIDs may mask infections or temporarily inhibit platelets aggregation. In late pregnancy, as with other NSAIDs, it should be avoided as it may cause premature closure of ductus arteriosus.

## SIDE EFFECTS:

Occasional gastro-intestinal disorders, headaches, dizziness, vertigo, rashes, elevation of serum transaminases, local reaction after IM injection. Rare gastric or intestinal ulcer, gastro-intestinal bleeding, abnormalities of renal function, hypersensitivity reactions.

## DRUG INTERACTIONS:

**Aspirin:** When diclofenac is administered with aspirin, its protein binding is reduced. As with other NSAIDs, concomitant administration of diclofenac and aspirin is not generally recommended because of the potential of increased adverse effects.

**Methotrexate, Cyclosporine:** Diclofenac like other NSAIDs, through effects on renal prostaglandins, may cause increase toxicity of certain drugs. Methotrexate serum levels may be elevated as well as cyclosporine nephrotoxicity.

**Lithium:** Diclofenac decreases lithium renal clearance and increases its plasma levels. In patients taking diclofenac and lithium concomitantly lithium toxicity may develop.

**Diuretics:** Diclofenac and other NSAIDs can inhibit the activity of diuretics. Concomitant treatment with potassium sparing diuretics may be associated with increased serum potassium levels.

**Clopidogrel:** Increased effect / Toxicity: When used with other drugs that can cause increased bleeding risk such as heparins, warfarins, NSAIDs and other antiplatelet drugs.

## DOSAGE AND ADMINISTRATION:

**Tablets:** For the relief of osteoarthritis, the recommended dosage is 100-150mg/day in divided doses (50mg b.i.d. or t.i.d. or 100mg q.d.). For the relief of rheumatoid arthritis the recommended dose is 150-200mg/day in divided doses (50mg t.i.d. or q.i.d. or 100mg q.d. or b.i.d.). For the relief of ankylosing spondylitis, the recommended dose is 100mg/day in divided doses.

OR

As directed by the physician

**STABILITY:**

See expiry on the pack

**PRESENTATIONS:**

**NFEN** 50mg tablets in a pack of 20's and 50's

**INSTRUCTIONS:**

Keep out of reach of children.

Avoid exposure to heat, light, humidity and freezing.

Store below 30° C.

Improper storage may deteriorate the medicine.

# ابن فن گولیاں

(ڈیکلوفینیک سوڈیم)

Manufactured by :



PHARMA LORD

PHARMA LORD | 12km, Lahore  
(PVT.) LIMITED | Road, Layyah.  
Pakistan  
www.pharma-lord.com

خوراک: ڈاکٹر ہدایت کے مطابق استعمال کریں۔

ہدایت: بچوں کی پہنچ سے دور رکھیں۔

دوا کو دھوپ، گرمی اور نمی سے محفوظ رکھیں۔ ۳۰ ڈگری سینٹی گریڈ

سے کم درجہ حرارت پر رکھیں ورنہ دوا خراب ہو جائے گی۔