## Naproxen tablets film-coated, suppositories



A single film-coated tablet contains: Naproxen......375 mg

A single suppository contains: Naproxen.....500 mg

#### DRUG CLASS AND MECHANISM:

Naproxen belongs to a class of drugs called nonsteroidal antiinflammatory drugs (NSAIDs). Other members of this class include ibuprofen (Motrin), indomethacin (Indocin), nabumetone (Relafen) and several others. These drugs are used for the management of mild to moderate pain, fever, and inflammation. They work by reducing the levels of prostaglandins, chemicals that are responsible for pain, fever, and inflammation. Naproxen blocks the enzyme that makes prostaglandins (cyclooxygenase), resulting in lower concentrations of prostaglandins. As a consequence, inflammation, pain and fever are reduced. Naproxen was approved by the FDA in December 1991.

#### **PREPARATIONS:**

\*Anaprox (tablets): 275 and 550 mg; \*Naprosyn (tablets): 250, 375, and 500 mg;

- \*Naprosynsuspension: 125mg/5ml;
- \* EC-Naprosyn: 375 mg, \* Aleve: 220 mg;
- \* Naprelan (controlled-release tablets): 375 and 500 mg.

#### PRESCRIBEDFOR:

Naproxen is used for the treatment of mild to moderate pain, inflammation, and fever.

#### DOSING:

The usual adult dose is 250-500 mg twice daily using regular naproxen tablets. The usual dose for Naprelan controlled release tablets is 750 to 1000 mg given once daily. For EC-Naprosyn, the usual dose is 375-500 mg twice daily. Naproxen should be given with food to reduce upset stomach.

#### **DRUGINTERACTIONS:**

Naproxen is associated with several suspected or probable interactions that affect the action of other drugs. The following examples are the most common suspected interactions.

Naproxen may increase the blood levels of lithium (Eskalith) by reducing the excretion of lithium by the kidneys. Increased levels of lithium may lead to lithium toxicity.

Naproxen may reduce the blood pressure lowering effects of blood pressure medications. This may occur because prostaglandins play a role in the regulation of blood pressure.

When naproxen is used in combination with methotrexate or aminoglycosides (for example, gentamicin) the blood levels of the methotrexate or aminoglycoside may increase, presumably because the elimination from the body is reduced. This may lead to more methotrexate or aminoglycoside-related side effects.

Individuals taking oral blood thinners or anticoagulants [for example, warfarin, (Coumadin)] should avoid naproxen because naproxen also thins the blood, and excessive blood thinning may lead to bleeding.

#### PREGNANCY:

There are no adequate studies of naproxen in pregnant women. Therefore, naproxen is not recommended during pregnancy.

NURSING MOTHERS: A small amount of naproxen is excreted in breast milk. Because the concentration in breast milk is low, breastfeeding while taking naproxen probably is not harmful to the infant.

#### SIDE EFFECTS:

The most common side effects from naproxen are rash, ringing in the ears, headaches, dizziness, drowsiness, abdominal pain, nausea, diarrhea, constipation, heartburn, fluid retention and shortness of breath.

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According to the Indian Trade Mark the company owns about 450 brands and 4600 generic manufacturing permissions in India. According to the export data analysis the company was the largest exporter of generic medicines to the Europe and Middle East countries.

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The company medicines are present in France, Georgia, Egypt and CIF countries.



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