

NIMCURE-P

Each tablet contains Nimesulide 100 mg Paracetamol 325 mg.

Description:

Nimesulide is a non-steroidal anti-inflammatory (NSAID) which possesses analgesic and antipyretic properties. Nimesulide has superior gastrointestinal safety as compared to other NSAIDs. Its approved indications are the treatment of acute pain, the symptomatic treatment of osteoarthritis and primary dysmenorrhea.

Paracetamol is commonly used for its analgesic and antipyretic effects. It is used for the temporary relief from fever, minor aches and pain.

Indications:

Lower back pain

Fever

Osteoarthritis

Dysmenorrhea

Rationale of Combination:

Product Description:

The therapeutic effects of Nimesulide are the result of its complete mode of action which targets a number of key mediators of the inflammatory process such as: COX-2 mediated prostaglandins, free radicals, proteolytic enzymes and histamine.

Whereas, Paracetamol is major ingredient in numerous cold and flu medications and many prescription analgesics.

At therapeutic doses Paracetamol does not irritate the lining of the stomach nor affect blood coagulation, kidney function, or the fetal ductus arteriosus but lacks anti-inflammatory action which is substituted with the addition of Nimesulide in combination.

The fixed dose combination of Nimesulide and Paracetamol demonstrate a quicker onset and longer duration of antipyretic and analgesic action.

Pharmacology:

Nimesulide:

Nimesulide is rapidly absorbed following oral administration. Food, gender and advanced age have negligible effects on Nimesulide pharmacokinetics. The protein binding of Nimesulide is >97.5%.

Nimesulide possess a shorter half-life (1.8-4.7) and is hepatically metabolized. 50% of the drug is renaly eliminated.

Paracetamol:

Paracetamol is a widely used analgesic and antipyretic agent. Paracetamol is well absorbed in gastro intestinal tract. Oral bioavailability is dose dependent since the half-life of Paracetamol is 1-3hrs. Paracetamol is distributed throughout the body fluids in a homogeneous way. Paracetamol given at therapeutic doses binds to plasma proteins at less than 20% Metabolites are excreted through the kidneys in the urine.

Dosage:

The dosage of Nimesulide 100mg + Paracetamol 325mg depends on the patient's age, weight, and overall body health. In our recommendation, you can consume one tablet after food with one glass of water however it is important to follow the instructions that can be provided by your doctor or healthcare provider.

Benefits:

Nimesulide 100mg and Paracetamol 325mg are both medications that are used to treat pain and fever. When taken together, they can provide additional benefits due to their different mechanisms of action. Here are some of the benefits of taking these medications:

- They provide more effective pain relief than either medication alone, due to their different mechanisms of action.
- They can be used together to treat a wide range of conditions that involve pain and fever.
- They may be more effective in reducing fever than either medication alone.
- They can be used together safely, as long as they are taken according to the recommended dosage and under the supervision of a healthcare professional.