

Phemac-AL

(Mefenamic Acid-500mg + Paracetamol-325mg Tablets)

Each Tablet Contains:

Mefenamic Acid 500 mg
Paracetamol..... 325 mg Excipients
..... q.s.

Clinical Pharmacology:

Mefenamic Acid: Mefenamic acid binds the prostaglandin synthetase receptors COX-1 and COX-2, inhibiting the action of prostaglandin synthetase. As these receptors have a role as a major mediator of inflammation and/or a role for prostanoid signaling in activity-dependent plasticity, the symptoms of pain are temporarily reduced.

Paracetamol: It is often categorized alongside NSAIDs (nonsteroidal anti-inflammatory drugs) due to its ability to inhibit the cyclooxygenase (COX) pathways. It is thought to exert central actions which ultimately lead to the alleviation of pain symptoms. Acetaminophen increases the pain threshold by inhibiting two isoforms of cyclooxygenase, COX-1 and COX- 2, which are involved in prostaglandin (PG) synthesis. Prostaglandins are responsible for eliciting pain sensations. Acetaminophen does not inhibit cyclooxygenase in peripheral tissues and, therefore, has no peripheral anti-inflammatory effects.

Indications:

- Osteoarthritis
- Rheumatoid
- Arthritis
- Toothache
- Fever
- Headache
- Pain
- Body Pain
- Joint Pain
- Stomach Pain

Contraindications:

If you are suffering from any of the following diseases, you should not take Mefenamic Acid + Paracetamol unless your doctor advises you to do so Asthma, Edema, Skin Rash, Kidney Disease Liver Disease.

Precautions and Warnings:

- **Alcohol:** It may cause increased dizziness. It can also increase the risk of stomach bleeding.
- **Driving:** It may cause dizziness. Do not drive or operate machinery unless you are alert.
- **Liver:** Dose adjustment may be needed in patients with liver impairment.
- **Kidney:** Dose adjustment may be needed in patients with kidney impairment. Please consult your doctor if you have kidney problems or any concerns regarding this

Adverse Effects:

- Blurred vision
- Shortness of Breath
- Yellow eyes

Drug Interactions:

Avoid taking below listed drugs with Mefenamic acid+ Paracetamol

- Aspirin
- Ibuprofen
- Celecoxib
- Diclofenac
- Naproxen
- Cyclosporine
- Tacrolimus
- Warfarin
- Heparin
- Methotrexate
- Zidovudine
- Duloxetine
- Lithium f
- Luoxetine
- Sertraline
- Mifepristone
- Metoclopramide
- Domperidone
- Matinib

- Cholestyramine

Overdosage: Overdosage can cause lethargy, drowsiness, nausea, vomiting, and abdominal pain. These symptoms need to be managed as an emergency in a hospital setting. Therefore, strict adherence to the prescribed dose is essential.

Route of Administration: Oral. Swallow tablet as a whole with a glass of water; do not chew or break the tablet.

Dosage: As directed by a physician.

Storage: Store in a cool and dry place away from sunlight.

Presentation: Each box contains 10x10 strips.



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