

Naprohike D 250Tablet

Naproxen (250mg) + Domperidone (10mg) Tablet: Information Guide

Description

The Naproxen (250mg) + Domperidone (10mg) tablet is a combination medication used for the relief of pain and discomfort associated with various conditions, including inflammation, and to manage symptoms of nausea or gastrointestinal disturbances. This combination is commonly prescribed for conditions such as dyspepsia (indigestion), musculoskeletal pain, and other inflammatory disorders where nausea or gastrointestinal upset may occur.

- **Naproxen:** A nonsteroidal anti-inflammatory drug (NSAID) that works by reducing inflammation, pain, and fever. It inhibits the production of prostaglandins, which are chemicals in the body that promote inflammation, pain, and fever.
- **Domperidone:** An antiemetic and prokinetic drug that helps prevent nausea and vomiting by blocking dopamine receptors in the gastrointestinal tract, thereby improving gastric motility and reducing the sensation of nausea.

- **Naproxen:** Inhibits the cyclooxygenase (COX) enzymes, particularly COX-1 and COX-2, which are involved in the production of prostaglandins. This results in decreased inflammation, pain, and fever.
 - **Domperidone:** Works by blocking dopamine receptors in the gastrointestinal tract, helping to increase the movement of food and fluids through the stomach and intestines, which alleviates nausea and vomiting. It also prevents gastric stasis, improving overall digestive motility.
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Indications

This combination tablet is indicated for the treatment of conditions involving:

- **Pain and Inflammation:** For conditions like arthritis, muscle pain, sprains, and strains, where inflammation causes discomfort.
 - **Dyspepsia:** To relieve nausea, indigestion, and discomfort associated with gastrointestinal disturbances.
 - **Fever and Pain Relief:** For mild to moderate pain such as headaches, dental pain, and other musculoskeletal discomforts.
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Composition (per tablet)

- **Naproxen:** 250mg
 - **Domperidone:** 10mg
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Mechanism of Action

Dosage and Administration

- **Recommended Dose:**
 - Typically, one tablet is taken once or twice a day with food or after meals to minimize gastrointestinal irritation.

- The dosage may vary depending on the severity of the condition being treated, and should always be taken as prescribed by your healthcare provider.
 - **Administration:**
 - Swallow the tablet whole with a glass of water. Do not crush or chew the tablet to ensure proper absorption.
 - Taking the tablet with food can help reduce stomach upset, especially from the naproxen.
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Contraindications

- **Hypersensitivity:** Contraindicated in patients who are allergic to naproxen, domperidone, or any of the excipients in the tablet.
 - **Peptic Ulcer Disease:** Contraindicated in individuals with a history of stomach ulcers or gastrointestinal bleeding, as naproxen can increase the risk of gastric irritation and ulcers.
 - **Severe Liver or Kidney Disease:** Use with caution or avoid if liver or kidney function is severely impaired.
 - **Heart Disease:** Patients with a history of heart failure, stroke, or other cardiovascular conditions should consult their doctor before using this medication, as NSAIDs like naproxen may increase the risk of cardiovascular events.
 - **Pregnancy and Lactation:** Avoid during the third trimester of pregnancy. Domperidone should also be avoided in breastfeeding mothers unless specifically prescribed by a doctor.
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Warnings and Precautions

- **Gastrointestinal Risk:** Prolonged use of naproxen can cause stomach ulcers, bleeding, or perforation. Use the lowest effective dose for the shortest duration to minimize these risks.
 - **Kidney and Liver Health:** Naproxen can affect kidney function, so it should be used with caution in individuals with kidney disease or impaired renal function. Regular monitoring may be required.
 - **Cardiovascular Risk:** NSAIDs like naproxen have been associated with an increased risk of heart attack, stroke, and other cardiovascular issues. Patients with cardiovascular risk factors should use this combination under medical supervision.
 - **Electrolyte Imbalance:** Domperidone can cause alterations in electrolyte balance, particularly in individuals who are on diuretics or have heart disease. Monitoring may be necessary.
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Adverse Effects

- **Common Side Effects:**
 - Upset stomach, nausea, or indigestion (especially with naproxen).
 - Dizziness, headache, or drowsiness (due to domperidone).
 - Constipation or diarrhea.
 - Mild abdominal cramps or discomfort.
- **Serious Side Effects:**
 - **Gastrointestinal Bleeding:** Symptoms include black or bloody stools, vomiting blood, or severe stomach pain.
 - **Severe Allergic Reactions:** Rash, itching, swelling (especially of the face/tongue/throat), and difficulty breathing.

- **Cardiovascular Symptoms:** Chest pain, shortness of breath, or sudden weakness.
 - **Electrolyte Imbalance:** Symptoms like muscle cramps, irregular heartbeat, or swelling of the extremities.
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Drug Interactions

- **Other NSAIDs:** Avoid combining with other NSAIDs or aspirin due to an increased risk of gastrointestinal bleeding and ulceration.
 - **Anticoagulants:** NSAIDs like naproxen may interact with blood thinners (e.g., warfarin), increasing the risk of bleeding.
 - **Antacids:** Antacids may affect the absorption of naproxen. Use with caution and space them out by at least 2 hours.
 - **Diuretics:** Domperidone can interact with diuretics, affecting fluid and electrolyte balance.
 - **CYP3A4 Inhibitors:** Drugs like ketoconazole or erythromycin can increase domperidone levels, leading to potential side effects.
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Storage

- Store the tablets in a cool, dry place, away from direct sunlight and moisture.
 - Keep the tablets in the original container to protect them from light and air.
 - Keep out of reach of children.
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Key Points

- This combination tablet provides effective relief from pain and inflammation while also managing gastrointestinal discomfort, particularly nausea.
 - Naproxen works to reduce pain, swelling, and fever, while domperidone helps alleviate nausea and improve digestion.
 - Always follow the prescribed dosage and consult your healthcare provider if you have pre-existing conditions like heart disease, kidney or liver problems, or if you're pregnant or breastfeeding.
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Note: This medication should only be used as prescribed by your healthcare provider. Always read the label and consult your doctor for specific guidance tailored to your health needs.

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