

# Pregahike 300 Capsule

## Pregabalin (300mg) Capsule

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### Description

Pregabalin 300mg is an anticonvulsant and analgesic medication used to treat a variety of neurological and psychiatric conditions. It is commonly prescribed for the management of neuropathic pain, fibromyalgia, generalized anxiety disorder, and as an adjunctive treatment for partial seizures. Pregabalin works by affecting the central nervous system, specifically targeting the  $\alpha 2$ - $\delta$  subunit of voltage-gated calcium channels, which reduces the release of excitatory neurotransmitters. This helps in controlling pain, anxiety, and seizures effectively.

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### Composition

Each capsule contains:

- Pregabalin – 300mg
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### Pharmacological Action

Pregabalin binds to the  $\alpha 2$ - $\delta$  subunit of voltage-gated calcium channels in the central nervous system. This binding reduces the release of several excitatory neurotransmitters, such as glutamate, substance P, and norepinephrine, leading to a reduction in nerve excitability. This mechanism of action is beneficial in treating neuropathic pain, anxiety, and seizures. Unlike some other anticonvulsants, Pregabalin does not interact directly with GABA receptors, but its effects are similar to those of GABAergic drugs, providing relief from related symptoms.

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### Indications

Pregabalin 300mg capsules are indicated for the following conditions:

#### 1. Neuropathic Pain:

- Treatment of chronic pain due to conditions like diabetic neuropathy, post-herpetic neuralgia, and spinal cord injury.

#### 2. Fibromyalgia:

- To manage widespread musculoskeletal pain, tenderness, and stiffness.

#### 3. Generalized Anxiety Disorder (GAD):

- Used for the management of anxiety in adults.

#### 4. Seizures:

- As an adjunctive treatment for partial seizures with or without secondary generalization in adults and children aged 1 month and above.
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### Dosage and Administration

#### • Adults:

- Neuropathic Pain: Start with 150mg/day (divided into two doses), which can be increased to a maximum of 600mg/day depending on the response and tolerance.
- Fibromyalgia: Initial dose is 150mg/day (divided into two doses), with potential to increase up to 300mg/day or higher if necessary.
- Generalized Anxiety Disorder: Typically, 300mg/day (divided into two doses), with the possibility of increasing the dose up to 600mg/day depending on clinical response.
- Seizures: Start with 300mg/day (divided into two doses), with a dose increase depending on the patient's response, up to a maximum of 600mg/day.

#### • Administration:

- Pregabalin should be taken orally, with or without food.
- The capsule should be swallowed whole with a full glass of water.
- Do not chew, crush, or split the capsule.

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## Contraindications

Pregabalin should not be used in the following conditions:

- **Hypersensitivity to Pregabalin or any other ingredient in the formulation.**
- **Severe Renal Impairment:** Pregabalin is primarily excreted through the kidneys, and its use in patients with severe renal impairment may require dose adjustments or may be contraindicated.
- **Pregnancy:** Pregabalin should only be used during pregnancy if the potential benefit justifies the potential risk to the fetus.
- **Breastfeeding:** It is not recommended for breastfeeding mothers, unless absolutely necessary.

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## Warnings and Precautions

- **Suicidal Thoughts and Behaviors:** Like other anticonvulsant medications, Pregabalin may increase the risk of suicidal thoughts or behaviors. Patients should be monitored for any mood changes or signs of depression.
- **Drowsiness or Dizziness:** Pregabalin can cause drowsiness, dizziness, or impaired concentration. Caution should be taken when driving or performing activities requiring full alertness.
- **Angioedema:** Serious allergic reactions, including swelling of the face, lips, throat, or tongue, may occur. If any signs of angioedema develop, seek immediate medical attention.
- **Renal Impairment:** Pregabalin should be used with caution in patients with kidney disease. Dosage adjustments may be required for patients with renal impairment.
- **Weight Gain:** Pregabalin has been associated with weight gain, and weight should be monitored regularly, especially in long-term therapy.

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## Side Effects

### Common Side Effects:

- Dizziness, drowsiness, or tiredness
- Swelling of the extremities (e.g., hands, feet)
- Weight gain
- Dry mouth
- Difficulty concentrating or memory problems
- Blurred vision
- Constipation

### Serious Side Effects:

- **Severe Allergic Reactions:** Difficulty breathing, swelling of the face or throat.
- **Suicidal Thoughts:** Patients should be monitored for mood changes, depression, or suicidal ideation.
- **Severe Fatigue or Weakness:** Could indicate potential liver or kidney issues.
- **Vision Changes:** If blurred vision continues or worsens, discontinue the medication and consult a doctor.

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## Drug Interactions

Pregabalin may interact with other medications, including:

- **CNS Depressants:** The sedative effects may be enhanced when Pregabalin is used with other CNS depressants such as benzodiazepines, opioids, or alcohol.
- **Antidiabetic Medications:** Pregabalin can cause weight gain, which may affect blood sugar control. Monitor blood glucose levels regularly.
- **Angiotensin-Converting Enzyme (ACE) Inhibitors:** Combined use may increase the risk of angioedema.
- **Other Anticonvulsants:** When combined with other anticonvulsant medications, the side effects may be amplified, and close monitoring is necessary.

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## Storage Instructions

- Store at room temperature (15°C to 30°C), away from heat and moisture.

- **Keep out of reach of children.**
  - **Do not use after the expiration date printed on the package.**
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## **Presentation**

- **Form: Capsule**
  - **Strength: 300mg**
  - **Pack Size: Available in blister packs of 10, 20, or 30 capsules.**
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## **Conclusion**

**Pregabalin 300mg capsules offer effective management of neuropathic pain, fibromyalgia, anxiety disorders, and partial seizures. It is an important therapeutic agent, particularly for patients with chronic conditions that require consistent symptom management. Careful attention to dosage and close monitoring for potential side effects is essential for ensuring the safety and efficacy of the treatment. Always consult with a healthcare provider before initiating or adjusting therapy with Pregabalin.**

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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