

Information For the User

Allopurinol (100mg)

Alloxale 100 Tablet

Allopurinol (100 mg) Tablet: Product Information

Brand Name: Allopurinol

Generic Name: Allopurinol

Strength: 100 mg

Dosage Form: Oral Tablet

Indications: Allopurinol 100 mg tablets are indicated for:

- **Treatment of gout** and management of **chronic gout** symptoms by lowering uric acid levels in the blood.
- **Prevention of kidney stones** in individuals with high uric acid levels.
- **Prevention of hyperuricemia** in patients undergoing chemotherapy or radiation therapy, which can cause a rapid increase in uric acid levels due to tumor cell breakdown (tumor lysis syndrome).

Mechanism of Action: Allopurinol is a **xanthine oxidase inhibitor**. It works by:

- **Inhibiting the enzyme xanthine oxidase**, which is responsible for the conversion of hypoxanthine and xanthine into uric acid.
- **Reducing uric acid production**, thereby lowering the concentration of uric acid in the blood and urine, which helps prevent gout attacks, kidney stones, and hyperuricemia.

By lowering uric acid levels, Allopurinol helps to prevent the formation of uric acid crystals, which are responsible for causing the pain and inflammation associated with gout.

Dosage and Administration:

- **Usual adult dose:** Begin with 100 mg per day. The dose may be gradually increased, based on

uric acid levels and response, up to a maximum of 800 mg daily in divided doses.

- **Gout management:** Dosage adjustments are typically based on serum uric acid levels, with higher doses needed for severe hyperuricemia.

Administration Instructions:

- Take Allopurinol tablets with a glass of water and **preferably after a meal** to reduce the risk of stomach upset.
- Drink plenty of fluids while taking Allopurinol to prevent kidney stones.
- Consistent use is necessary, as it may take several weeks to experience the full effect.

Dosage Adjustments:

- **Renal impairment:** Lower doses are recommended in patients with kidney issues, and dosing should be adjusted based on kidney function tests.
- **Liver impairment:** Use with caution and monitor liver function, as dose adjustments may be necessary.

Contraindications: Allopurinol 100 mg tablets are contraindicated in patients who:

- Have **hypersensitivity** or an allergic reaction to Allopurinol or any of the tablet's components.
- Are experiencing an **acute gout attack**; Allopurinol is intended for maintenance therapy and should not be initiated during an acute attack, as it may worsen symptoms.
- Have **liver or kidney disease** without dose adjustment and close monitoring by a healthcare provider.

Warnings and Precautions:

- **Hypersensitivity Reactions:** Allopurinol can cause serious skin reactions, such as **Stevens-Johnson syndrome** and **toxic epidermal**

necrolysis. Discontinue use immediately if signs of a rash or skin reactions occur and seek medical attention.

- **Liver and Kidney Function:** Regular monitoring of liver and kidney function is recommended, especially in patients with preexisting conditions.
- **Fluid Intake:** Maintain adequate fluid intake to minimize the risk of kidney stones.
- **Avoid during an acute gout attack:** Starting Allopurinol during an active attack may worsen symptoms. Initiate or resume only after symptoms have subsided.

Side Effects: Common side effects of Allopurinol 100 mg tablets may include:

- **Gastrointestinal upset:** Nausea, vomiting, or diarrhea.
- **Drowsiness.**
- **Rash or itching.**

Serious side effects (though rare) may include:

- **Severe skin reactions** (e.g., Stevens-Johnson syndrome, toxic epidermal necrolysis), which may present as a painful or widespread rash, blisters, or peeling skin.
- **Liver toxicity:** Symptoms may include jaundice (yellowing of the skin or eyes) and dark urine.
- **Blood disorders:** Such as reduced blood cell counts, which may present as unusual bruising or bleeding, fatigue, or frequent infections.

If any of these serious side effects occur, discontinue use and seek immediate medical attention.

Drug Interactions: Allopurinol 100 mg may interact with the following:

- **Azathioprine and mercaptopurine:** Allopurinol may increase the levels of these drugs, leading to toxicity. Dosage adjustments are required.
- **Warfarin:** Allopurinol may enhance the effects of blood-thinning medications like warfarin, increasing the risk of bleeding.
- **Ampicillin or amoxicillin:** Using these antibiotics with Allopurinol may increase the risk of skin rash.

- **Thiazide diuretics:** These diuretics may increase the risk of Allopurinol-induced hypersensitivity reactions, especially in patients with impaired kidney function.

Always inform your healthcare provider about all medications, including over-the-counter drugs and supplements, you are taking.

Storage: Store Allopurinol 100 mg tablets at **room temperature** (15°C to 30°C / 59°F to 86°F), away from moisture and direct light. Keep out of reach of children.

Patient Counseling Information:

- **Take as prescribed** and avoid missing doses to maintain consistent blood levels.
- **Do not start during an active gout attack.** Wait until symptoms subside to begin therapy.
- **Notify your doctor if any skin rash occurs** and stop the medication immediately.
- **Drink plenty of water** while taking Allopurinol to reduce the risk of kidney stones.
- **Avoid alcohol and high-purine foods** (e.g., red meat, shellfish) to help manage uric acid levels.

This information provides general guidelines about **Allopurinol 100 mg tablets**. Always follow your healthcare provider's instructions and consult them with any specific concerns regarding this medication.

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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