

Nitroglee 6.4

Name of the Product: Nitroglee 6.4

Composition: Each uncoated tablet contains:
Nitroglycerine I.P. 6.4 mg

Dosage Form: Tablet

Description:

Nitroglee 6.4 is an oral formulation containing Nitroglycerine, a nitrate-class vasodilator used in the management and prevention of angina pectoris and other cardiovascular conditions. It works by dilating blood vessels, reducing myocardial oxygen demand, and improving blood flow to the heart muscle.

Indications:

- Prophylaxis and management of chronic stable angina pectoris
- Angina due to coronary artery disease
- Adjunct in congestive heart failure
- Management of ischemic heart disease under medical supervision

Mechanism of Action:

Nitroglycerine is metabolized to nitric oxide (NO), which activates guanylate cyclase in vascular smooth muscle, increasing cyclic GMP. This causes relaxation of smooth muscle, leading to vasodilation. Venous dilation reduces preload, and at higher doses, arterial dilation lowers afterload, both contributing to decreased cardiac workload and oxygen demand.

Dosage and Administration:

- Usual adult dose: 6.4 mg once or twice daily or as prescribed by a physician
- To be taken orally with water, preferably in the same time intervals each day
- A nitrate-free interval (typically 10–12 hours) is advised to minimize the risk of nitrate tolerance

Contraindications:

- Hypersensitivity to nitrates or any excipients
- Severe hypotension or hypovolemia
- Concomitant use with phosphodiesterase inhibitors (e.g., sildenafil, tadalafil)
- Raised intracranial pressure or cerebral hemorrhage
- Severe anemia

Warnings and Precautions:

- May cause symptomatic hypotension or syncope, especially when standing
- Use cautiously in patients with glaucoma, hepatic or renal impairment
- Avoid abrupt discontinuation to prevent rebound angina

- Caution in elderly patients due to increased susceptibility to hypotensive effects
- Not recommended in pregnancy or lactation unless advised by a physician

Adverse Effects:

Common: Headache, dizziness, flushing, hypotension

Occasional: Nausea, vomiting, syncope

Rare: Rash, methemoglobinemia, allergic reactions

Storage:

Store below 30°C in a cool, dry place, protected from light and moisture. Keep the container tightly closed. Keep out of reach of children.

Schedule: Schedule H – Prescription drug. To be sold by retail on the prescription of a Registered Medical Practitioner only.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,

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