

Information For the User
Diltiazem (90mg) Extend Release Capsule

Diltriz CD 90 Capsule

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Composition:

Each extended-release capsule contains:

- **Diltiazem Hydrochloride IP** – 90 mg (in sustained release form)
- **Excipients** – q.s.
- **Colour:** Approved colour used

Dosage Form:

Capsule (Extended Release)

Therapeutic Category:

Calcium Channel Blocker (Non-Dihydropyridine)

Pharmacology & Mechanism of Action:

Diltiazem is a benzothiazepine derivative that acts as a calcium channel blocker. It inhibits the influx of calcium ions into cardiac and vascular smooth muscle during depolarization, resulting in decreased peripheral resistance, afterload, and myocardial oxygen demand. It also slows conduction through the AV node, making it useful in controlling heart rate.

Indications:

- Chronic stable angina
- Hypertension
- Supraventricular tachyarrhythmias (e.g., atrial fibrillation or flutter)
- Coronary artery spasm (Prinzmetal's angina)

Dosage and Administration:

- One capsule daily or as directed by the physician
- Should be swallowed whole, not chewed or crushed
- Best taken with meals to enhance absorption and minimize gastric irritation

Contraindications:

- Hypersensitivity to Diltiazem or any excipient
- Severe bradycardia, second or third-degree AV block (without pacemaker)
- Acute myocardial infarction with pulmonary congestion
- Severe hypotension (<90 mmHg systolic)
- Sick sinus syndrome (except in presence of a functioning pacemaker)

Warnings and Precautions:

- Use with caution in patients with hepatic or renal impairment
- Monitor heart rate and blood pressure regularly
- May worsen symptoms in patients with heart failure
- Avoid abrupt withdrawal to prevent rebound hypertension or angina

Drug Interactions:

- Potentiates effects of beta-blockers and digoxin
- Inhibited by CYP3A4 inhibitors (e.g., erythromycin, ketoconazole)
- May increase levels of cyclosporine, theophylline, and carbamazepine
- Alcohol may enhance hypotensive effect

Adverse Effects:

- Common: Headache, dizziness, bradycardia, flushing, peripheral edema
- Less common: Nausea, rash, fatigue, constipation
- Rare: AV block, hepatic enzyme elevation, hypotension

Overdose:

Symptoms may include hypotension, bradycardia, AV block, and cardiac arrest
Management includes gastric lavage, supportive care, IV fluids, vasopressors, and atropine or calcium gluconate as needed

Storage:

Store below 25°C in a dry place
Protect from light and moisture
Keep out of reach of children

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,
Panchkula-134113

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