

Diltime CD 90 Capsule

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Composition:

Each capsule contains:

- **Diltiazem Hydrochloride** – 90 mg (Extended Release)
- **Excipients** – q.s.

Description:

Diltime CD 90 Capsule is an **extended-release formulation** of **Diltiazem**, a **calcium channel blocker** used for the management of **hypertension (high blood pressure)** and **angina** (chest pain). By relaxing the blood vessels and reducing the heart's workload, it helps improve blood flow and reduce the risk of heart-related events. The extended-release formulation ensures **consistent therapeutic effects** with once-daily dosing, providing better patient compliance and enhanced management of cardiovascular conditions.

Pharmacological Action:

- **Diltiazem** works by inhibiting the influx of calcium ions into cardiac and vascular smooth muscle cells.
- This **relaxes the blood vessels** and helps in lowering **blood pressure** by preventing excessive constriction of the blood vessels.
- It reduces the **workload of the heart**, decreases **myocardial oxygen demand**, and prevents chest pain associated with **angina**.
- **Slows conduction through the AV node**, which can be beneficial for treating **atrial fibrillation** and **supraventricular tachycardias**.

Indications:

Diltime CD 90 Capsule is indicated for:

- **Hypertension** (High Blood Pressure)
- **Chronic Stable Angina** (Chest Pain)
- **Vasospastic Angina** (Prinzmetal's Angina)
- **Supraventricular Tachycardia** (Atrial Fibrillation, Atrial Flutter)

Dosage & Administration:

- **Recommended Dose:** One capsule **once daily** or as directed by a physician.
- **Administration:** Swallow the capsule **whole** with water. **Do not crush or chew.**
- **Dose adjustment** may be required based on the individual's medical condition and response to treatment.

Contraindications:

- Severe **hypotension** (low blood pressure).
- **Severe bradycardia** (slow heart rate).
- **Second- or third-degree AV block** (without a pacemaker).
- **Severe left ventricular dysfunction.**
- Known **hypersensitivity** to Diltiazem or any of the excipients.

Warnings & Precautions:

- **Use with caution** in patients with **heart failure, liver disease, or renal impairment.**
- May cause **dizziness or fatigue.** Patients should avoid driving or operating machinery if affected.
- Not suitable for **pregnant or breastfeeding women** unless clearly necessary, consult a doctor before use.
- May interact with other medications, including **beta-blockers, statins, and digoxin.**

Adverse Effects:

Diltiazem CD 90 Capsule is generally well-tolerated. Possible side effects include:

- **Headache, dizziness, or fatigue**
- **Bradycardia** (slow heart rate)
- **Swelling** in the legs or ankles
- **Flushing**
- **Gastrointestinal issues** such as nausea, constipation, or abdominal discomfort
- **Rare cases of elevated liver enzymes**

Drug Interactions:

- **Beta-blockers** (e.g., metoprolol, atenolol) and **digoxin** may cause **bradycardia** or heart block.
- **Statins** (e.g., simvastatin, atorvastatin): Diltiazem may **increase statin levels**, increasing the risk of side effects like **muscle pain.**
- **Grapefruit juice** can increase Diltiazem concentration and may lead to **enhanced side effects.**

Storage Conditions:

- Store at **room temperature** (below 25°C) in a **cool, dry place.**
- Protect from **moisture** and **direct sunlight.**
- **Keep out of reach of children.**

Conclusion:

Diltiazem CD 90 Capsule is an effective, extended-release formulation for managing **hypertension, angina,** and certain **arrhythmias.** With its once-daily dosing and consistent therapeutic effect, it provides **comprehensive heart health management.** Regular use under medical supervision ensures **safe and effective treatment,** improving overall cardiovascular health and quality of life.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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