





impotence, muscle cramps, nasal congestion, nocturia, osteoarticular pain, polyuria, sexual difficulties.

The following postmarketing events have been reported infrequently in patients receiving diltiazem hydrochloride tablets: acute generalized exanthematous pustulosis, allergic reactions, alopecia, angioedema (including facial or periorbital edema), asystole, erythema multiforme (including Stevens-Johnson syndrome, toxic epidermal necrolysis), exfoliative dermatitis, extrapyramidal symptoms, gingival hyperplasia, hemolytic anemia, increased bleeding time, leukopenia, photosensitivity (including lichenoid keratosis and hyperpigmentation at sun-exposed skin areas), purpura, retinopathy, myopathy, and thrombocytopenia. In addition, events such as myocardial infarction have been observed which are not readily distinguishable from the natural history of the disease in these patients. A number of well-documented cases of generalized rash, some characterized as leukocytoclastic vasculitis, have been reported. However, a definitive cause and effect relationship between these events and diltiazem hydrochloride tablets therapy is yet to be established.

**To report SUSPECTED ADVERSE REACTIONS, contact Par Pharmaceutical at 1-800-828-9393 or FDA at 1-800-FDA-1088 or [www.fda.gov/medwatch](http://www.fda.gov/medwatch).**

#### OVERDOSAGE

The oral LD<sub>50</sub>s in mice and rats range from 415 to 740 mg/kg and from 560 to 810 mg/kg, respectively. The intravenous LD<sub>50</sub>s in these species were 60 and 38 mg/kg, respectively. The oral LD<sub>50</sub>s in dogs is considered to be in excess of 50 mg/kg, while lethality was seen in monkeys at 360 mg/kg.

The toxic dose in man is not known. Because of its extensive metabolism, blood levels after a standard dose of diltiazem can vary over tenfold, limiting the usefulness of blood levels in overdose cases.

There have been reports of diltiazem overdose in amounts ranging from <1 g to 18 g. Of cases with known outcome, most patients recovered and in cases with a fatal outcome, the majority involved multiple drug ingestion.

Events observed following diltiazem overdose included bradycardia, hypotension, heart block, and cardiac failure. Most reports of overdose described some supportive medical measure and/or drug treatment. Bradycardia frequently responded favorably to atropine, as did heart block, although cardiac pacing was also frequently utilized to treat heart block. Fluids and vasopressors were used to maintain blood pressure and in cases of cardiac failure, inotropic agents were administered. In addition, some patients received treatment with ventilatory support, gastric lavage, activated charcoal, and/or intravenous calcium.

In the event of overdose or exaggerated response, appropriate supportive measures should be employed in addition to gastrointestinal decontamination. Diltiazem does not appear to be removed by peritoneal or hemodialysis. Limited data suggest that plasmapheresis or charcoal hemoperfusion may hasten diltiazem elimination following overdose. Based on the known pharmacological effects of diltiazem and/or reported clinical experiences, the following measures may be considered:

**Bradycardia:** Administer atropine (0.60 to 1.0 mg). If there is no response to vagal blockade, administer isoproterenol cautiously.

**High-degree AV Block:** Treat as for bradycardia above. Fixed high-degree AV block should be treated with cardiac pacing.

**Cardiac Failure:** Administer inotropic agents (isoproterenol, dopamine, or dobutamine) and diuretics.

**Hypotension:** Vasopressors (e.g., dopamine or norepinephrine).

Actual treatment and dosage should depend on the severity of the clinical situation and the judgment and experience of the treating physician.

#### DOSAGE AND ADMINISTRATION

Patients controlled on diltiazem alone or in combination with other medications may be switched to Diltiazem Hydrochloride Extended-Release Capsules, USP at the nearest equivalent total daily dose. Higher doses of diltiazem hydrochloride extended-release capsules may be needed in some patients. Monitor patients closely. Subsequent titration to higher or lower doses may be necessary. There is limited general clinical experience with doses above 360 mg, but doses to 540 mg have been studied in clinical trials. The incidence of side effects increases as the dose increases with first-degree AV block, dizziness, and sinus bradycardia bearing the strongest relationship to dose.

**Hypertension:** Adjust dosage to individual patient needs. When used as monotherapy, reasonable starting doses are 180 to 240 mg once daily, although some patients may respond to lower doses. Maximum antihypertensive effect is usually observed by 14 days of chronic therapy; therefore, schedule dosage adjustments accordingly. The usual dosage range studied in clinical trials was 240 to 360 mg once daily. Individual patients may respond to higher doses of up to 480 mg once daily.

**Angina:** Dosages for the treatment of angina should be adjusted to each patient's needs, starting with a dose of 120 or 180 mg once daily. Individual patients may respond to higher doses of up to 480 mg once daily. When necessary, titration may be carried out over a 7- to 14-day period.

#### Concomitant Use with Other Cardiovascular Agents

**Sublingual NTG:** May be taken as required to abort acute anginal attacks during diltiazem hydrochloride extended-release capsules therapy.

**Prophylactic Nitrate Therapy:** Diltiazem hydrochloride extended-release capsules may be safely coadministered with short- and long-acting nitrates.

**Beta-blockers:** (see **WARNINGS** and **PRECAUTIONS**).

**Antihypertensives:** Diltiazem hydrochloride extended-release capsules have an additive antihypertensive effect when used with other antihypertensive agents. Therefore, the dosage of diltiazem hydrochloride extended-release capsules or the concomitant antihypertensives may need to be adjusted when adding one to the other.

#### HOW SUPPLIED

Diltiazem Hydrochloride Extended-Release Capsules, USP			
Strength	Quantity	NDC Number	Description
120 mg	30 counts	10370-829-11	Hard gelatin capsules light gray opaque cap and light gray opaque body imprinted with "par" on the cap and "C829" on the body in black ink. Each capsule contains white to off white coated pellets.
	90 counts	10370-829-09	
	500 counts	10370-829-05	
180 mg	30 counts	10370-830-11	Hard gelatin capsules with dark green opaque cap and blue opaque body imprinted with "par" on the cap and "C830" on the body in black ink. Each capsule contains white to off white coated pellets.
	90 counts	10370-830-09	
	500 counts	10370-830-05	
240 mg	30 counts	10370-831-11	Hard gelatin capsules with dark green opaque cap and dark green opaque body imprinted with "par" on the cap and "C831" on the body in black ink. Each capsule contains white to off white coated pellets.
	90 counts	10370-831-09	
	500 counts	10370-831-05	
300 mg	30 counts	10370-832-11	Hard gelatin capsules with dark green opaque cap and light gray opaque body imprinted with "par" on the cap and "C832" on the body in black ink. Each capsule contains white to off white coated pellets.
	90 counts	10370-832-09	
	500 counts	10370-832-05	

Store at 20° to 25°C (68° to 77°F). [See USP Controlled Room Temperature] Avoid excessive humidity.

Manufactured by:  
**Par Pharmaceutical**  
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