

## DRUG STUDY

MEDICATION	DRUG CLASSIFICATION	INDICATION / CONTRAINDICATION	MECHANISM OF ACTION	DOSING & ADMINISTRATION	ADVERSE EFFECTS	NURSING RESPONSIBILITIES
captopril (Capoten)	Angiotensin-converting enzyme (ACE) inhibitor	<p><u>Indications:</u></p> <ul style="list-style-type: none"> <li>-Management of hypertension</li> <li>-Treatment of CHF and diabetic nephropathy</li> </ul> <p><u>Contraindications:</u></p> <ul style="list-style-type: none"> <li>-Hypersensitivity to captopril, other ACE inhibitors, or any component</li> <li>-History of angioedema</li> </ul>	Blocks ACE from converting angiotensin I to angiotensin II leading to decreased blood pressure, decreased aldosterone secretion, a small increase in serum potassium levels, and sodium and fluid loss; increased prostaglandin synthesis also may be involved in the antihypertensive action.	<u>tablet:</u> 25 mg PO bid	<p><b><u>CV:</u></b> Tachycardia Angina ,MI, CHF Raynaud's syndrome Hypotension in salt- or volume-depleted patients</p> <p><b><u>Dermatologic:</u></b> Rash, pruritus Scalded mouth sensation Dermatitis Photosensitivity Alopecia</p> <p><b><u>GI:</u></b> Gastric irritation Aphthous ulcers Peptic ulcers Cholestatic Jaundice Hepatocellular injury, Anorexia Constipation</p> <p><b><u>GU:</u></b> Proteinuria Renal insufficiency Renal failure Polyuria, oliguria Urinary frequency</p> <p><b><u>Hematologic:</u></b> Neutropenia Agranulocytosis Thrombocytopenia Hemolytic anemia Pancytopenia</p>	<p>Assess for history of allergy to captopril and history of angioedema.</p> <p>Use cautiously in patients with CHF, impaired renal function, salt or fluid volume depletion, or in pregnant or lactating women.</p> <p>Administer 1 hr before or Or 2 hrs. before meals.</p> <p>Watch out for excessive perspiration, or diarrhea; may cause hypotension</p> <p>Reduce dosage in patients with impaired renal function.</p> <p>Instruct patient to report mouth sores, fever, chills, swelling of the hands and feet, irregular heartbeat, difficulty of breathing, chest pain, swelling of the face, eyes, lips, and tongue.</p> <p>Instruct patient to limit activities to those that do not require alertness and precision.</p>

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					<b>Other:</b> Cough, malaise dry mouth lymphadenopathy	
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