

**OTHER:** Flushing

## PHARMACOKINETICS

Peak 6-12 hr; half-life 30-50 hr; increased in geriatric patients, hepatic disease; metabolized by liver (CYP3A4); excreted in urine (90% as metabolites); protein binding >93%

## INTERACTIONS

**Increase:** a mLODIPine level—strong CYP3A4 inhibitors (clarithromycin, ketoconazole, ritonavir)

**Increase:** level of cycloSPORINE

**Increase:** myopathy simvastatin

## NURSING CONSIDERATIONS

### Assess:

- Cardiac status: B/P, pulse, respirations, ECG; some patients have developed severe angina, acute MI after calcium channel blockers if obstructive CAD is severe
- Fluid volume status, peripheral edema, dyspnea, jugular vein distention, crackles
- **Angina:** intensity, location, duration of pain
- **Pregnancy/breastfeeding:** identify if pregnancy is planned or suspected, or if breastfeeding

### Evaluate:

- Therapeutic response: decreased angular pain, decreased B/P, increased exercise tolerance

### Teach patient/family:

- To take product as prescribed, not to double or skip dose, to take even if feeling better
- To avoid hazardous activities until stabilized on product, dizziness is no longer a problem
- To avoid OTC, Rx, herbs, supplements unless directed by prescriber
- To comply in all areas of medical regimen: diet, exercise, stress reduction, product therapy, smoking cessation
- **To notify prescriber of irregular heartbeat; shortness of breath; swelling of feet, face, hands; severe dizziness; constipation; nausea; hypotension; if chest pain does not improve, use nitroglycerin when angina is severe**

- To use correct technique when monitoring pulse; to contact prescriber if pulse <50 bpm
- To change positions slowly to prevent orthostatic hypotension
- To continue with good oral hygiene to prevent gingival disease
- To use sunscreen, protective clothing to prevent photosensitivity
- To notify all health care providers of use of this product

## TREATMENT OF OVERDOSE:

Defibrillation,  $\beta$ -agonists, IV calcium inotropic agents, diuretics, atropine for AV block, vasopressor for hypotension

## amoxicillin (Rx)

(a-mox-i-sill'in)

Moxatag, Novamoxin 

*Func. class.:* Antiinfective, antiulcer

*Chem. class.:* Aminopenicillin

**ACTION:** Interferes with cell wall replication of susceptible organisms; bactericidal: lysis mediated by bacterial cell wall autolysins

**USES:** Treatment of skin, respiratory, GI, GU infections, otitis media, gonorrhea; for gram-positive cocci (*Staphylococcus aureus*, *Streptococcus pyogenes*, *Streptococcus faecalis*, *Streptococcus pneumoniae*), gram-negative cocci (*Neisseria gonorrhoeae*, *Neisseria meningitidis*), gram-positive bacilli (*Corynebacterium diphtheriae*, *Listeria monocytogenes*), gram-negative bacilli (*Haemophilus influenzae*, *Escherichia coli*, *Proteus mirabilis*, *Salmonella*); gastric ulcer,  $\beta$ -lactase-negative organisms, prophylaxis of bacterial endocarditis; for treatment of ulcers due to *Helicobacter pylori*

**Unlabeled uses:** Lyme disease, anthrax treatment and prophylaxis, cervicitis, *Chlamydia trachomatis*, dental abscess/infection, dyspepsia, non-gonococcal urethritis, periodontitis, typhoid fever