



Prior Authorization Approval Criteria

Moxatag™ (amoxicillin extended-release)

Generic name:	Amoxicillin (extended-release)
Brand name:	Moxatag
Medication class:	Penicillin antibiotics
FDA-approved uses:	Tonsillitis and/or pharyngitis secondary to <i>Streptococcus pyogenes</i> in patients 12 years and older
Available dosage forms:	775mg tablets
Usual dose:	775mg once daily
Approximate monthly cost: (based on AWP 2009)	\$93.80/10 day course of treatment (\$9.38/tablet)
Duration of therapy:	10 days

Criteria for use (*bullet points below are all inclusive unless otherwise noted*):

- Diagnosed with tonsillitis and/or pharyngitis secondary to *Streptococcus pyogenes*
- 12 years of age or older
- Must have tried and failed immediate release amoxicillin
- Must have tried and failed at least one other penicillin antibiotic

Caution:

- Take Moxatag within one hour of finishing a meal
- Do not crush or chew tablet
- Amoxicillin can reduce the efficacy of oral contraceptive (recommend the use of a back up method of contraception)
- Moxatag should be used with caution in patients over the age of 65 years
- Blood levels of Moxatag may be increased and prolonged with concomitant usage of probenecid
- The efficacy of Moxatag may be decreased with concurrent usage of other antibiotics (sulfonamides, macrolides, tetracyclines, and chloramphenicol)
- Moxatag is pregnancy category B and has been shown to be excreted in human breast milk. Caution should be used by nursing mothers.

Monitoring:

- Symptomatic improvement, fever, and CBC. Renal and Hepatic function should be monitored with prolonged therapy (or if impaired).

Contraindication:

- Hypersensitivity to amoxicillin or any other penicillin antibiotics or patients who have had an anaphylactic reaction to a beta-lactam containing medication

Not approved if:

- Patient does NOT meet the above stated criteria

- The patient has a contraindication to Moxatag
- Patients have severe renal impairment (CrCl <30mL/min) or are on hemodialysis
- This product is being used for convenience

Special considerations:

- Approximate cost of immediate-release amoxicillin 500 mg TID for 10 days is \$10.20 (\$0.34/capsule)
- Approximate cost of immediate-release amoxicillin 875 mg BID for 10 days is \$9.20 (\$0.46/tablet)
- Penicillin V (500mg BID for 10 days) is the first line agent for tonsillitis and/or pharyngitis secondary to *Streptococcus pyogenes*.
- Benzathine penicillin G (1.2 million units) is given as a single IM dose and can be used in patients who may not be able to take oral medications or complete the full 10 days of therapy
- First line agents for patients who are allergic to penicillin are erythromycin ethylsuccinate (40 mg/kg/day for 10 days) or first or second generation cephalosporins patients (for patients who are allergic to penicillin but not other β -lactam containing antibiotics)
- Alternative agents include amoxicillin, cephalosporins, and macrolides (azithromycin and clarithromycin).

FCHP Pharmacy and Therapeutics Committee approval: _____

Date: _____

Adopted: 6/10/09