

# Doxycycline

**Indication(s):** Cellulitis (Suspected MRSA)

**Contraindications:** Hypersensitivity to doxycycline or other tetracyclines. Do not use in the 2nd and 3rd trimesters of pregnancy.

**Precautions:** Weigh risk vs benefit in children under 8 years old (risk of teeth staining).

**Drug Interactions:** Antacids/Food/Milk – Give 2hrs before or after (Chelation). Concurrent use of Pepto-Bismol can ↓ doxycycline's absorption (Avoid).

**Adverse Effects:** (>1%) Nausea; vomiting; diarrhea; light-headedness; dizziness, vertigo, ataxia, drowsiness; fatigue; candidiasis; vaginitis. (≤1%) Rash.

**Pharmacology:** Inhibition of bacterial protein synthesis.

**Dosage and Administration:** Doxycycline 100mg PO BID for 10 days.