

Penicillin V:

Class: Antibiotic.

Indications:

Treatment of infections caused by susceptible organisms involving the respiratory tract, otitis media, sinusitis, skin, and urinary tract; prophylaxis in rheumatic fever.

Available dosage form in the hospital: 125MG/5ML SUSP, 1.000.000 IU TAB, 200MG /5ML SUSP, 250MG /5ML SUSP, 500000 IU TAB.

Dosage:

-Actinomycosis: Oral:

- *Mild:* 2000-4000 mg in 4 divided doses for 8 weeks
- *Surgical:* 2000-4000 mg in 4 divided doses for 6-12 months (after I.V. penicillin G therapy of 4-6 weeks)

-Erysipelas: Oral: 500 mg 4 times daily

-Pharyngitis (streptococcal): Oral:

- *Manufacturer's labeling:* 500 mg 3-4 times daily for 10 days
- *Acute treatment, group A streptococci (IDSA guidelines):* 250 mg 4 times daily or 500 mg twice daily for 10 days (Shulman, 2012)
- *Chronic carrier treatment, group A streptococcal (IDSA guidelines):* 500 mg 4 times daily (maximum: 2000 mg daily) for 10 days in combination with oral rifampin (Shulman, 2012)

-Prophylaxis of pneumococcal or recurrent rheumatic fever infections: Oral: 250 mg twice daily

-Prosthetic joint infection (unlabeled use): *Chronic oral antimicrobial suppression (Enterococcus spp [penicillin-susceptible], streptococci [beta-hemolytic], Propionibacterium spp):* Oral: 500 mg 2-4 times daily (Osmon, 2013).

Renal Impairment:

- Cl_{cr} 10-50 mL/minute: Administer every 8-12 hours.
- Cl_{cr} <10 mL/minute: Administer every 12-16 hours

Common side effect:

Gastrointestinal: Mild diarrhea, vomiting, nausea, oral candidiasis

Pregnancy Risk Factor: B