

TAMSULOSIN

Class: Alpha₁ Blocker

Indications: Treatment of signs and symptoms of benign prostatic hyperplasia (BPH)

Available dosage form in the hospital: TAMSULOSIN HCL 0.4MG CAPS

Dosage:

-Benign prostatic hyperplasia (BPH): Oral: 0.4 mg once daily ~30 minutes after the same meal each day; dose may be increased after 2-4 weeks to 0.8 mg once daily in patients who fail to respond. If therapy is interrupted for several days, restart with 0.4 mg once daily.

-Bladder outlet obstruction symptoms (unlabeled use): Oral: 0.4 mg once daily (Rossi, 2001)

-Ureteral stones, expulsion (unlabeled use): Oral: 0.4 mg once daily, discontinue after successful expulsion (average time to expulsion was 1-2 weeks) (Agrawal, 2009; Ahmed, 2010). **Note:** Patients with stones >10 mm were excluded from studies.

Geriatric

Refer to adult dosing.

Renal Impairment:

-Cl_{cr} ≥10 mL/minute: No adjustment needed.

-Cl_{cr} <10 mL/minute: Not studied.

Hepatic Impairment:

Mild-to-moderate impairment: No adjustment needed

Severe impairment: Not studied

Common side effect:

Cardiovascular: Orthostatic hypotension

Central nervous system: Headache, dizziness

Genitourinary: Abnormal ejaculation

Respiratory: Rhinitis

Miscellaneous: Infection

Pregnancy Risk Factor: B