

TIZANIDINE:

Class: Alpha₂-Adrenergic Agonist

Indications: Skeletal muscle relaxant used for treatment of muscle spasticity
Tension headaches, acute low back pain

Available dosage form in the hospital: TAB (2MD,4MG)

Dosage:

Spasticity: Oral: Initial: 4 mg up to 3 times daily (at 6- to 8-hour intervals); may titrate to optimal effect in 2-4 mg increments as needed to a maximum of 3 doses in 24 hours (at 6- to 8-hour intervals); maximum: 36 mg daily. **Note:** Limited experience with single doses >8 mg and daily doses >24 mg.

Geriatric

Use with caution; clearance is decreased. Refer to adult dosing.

Renal Impairment:

-Cl_{cr} ≥25 mL/minute: No dosage adjustment provided in manufacturer's labeling; however, caution may be needed as creatinine clearance decreases.

-Cl_{cr} <25 mL/minute: Use with caution; clearance reduced >50%. During initial dose titration, use reduced doses. If higher doses are necessary, increase dose instead of increasing dosing frequency.

Hepatic Impairment:

Avoid use in hepatic impairment; if used, lowest possible dose should be used initially with close monitoring for adverse effects (eg, hypotension).

Common side effect:

Cardiovascular: Hypotension (16% to 33%)

Central nervous system: Somnolence (48%), dizziness (16%)

Gastrointestinal: Xerostomia (49%)

Neuromuscular & skeletal: Weakness (41%)

Pregnancy Risk Factor: C