

Ativan (lorazepam)

Indication: Sedation in critical care setting

Standard Concentration: 0.2mg/ml

Dosing:

Bolus: 2mg IV over 1 minute

Drip: Initiate at 1mg/hr and adjust dose by 1mg/hr every 30 minutes until desired level of sedation is achieved.

Dosage range: 0.01-0.1 mg/kg/hr

Adverse effects: Propylene glycol toxicity which can include lactic acidosis, hyperosmolarity, hypotension, and acute tubular necrosis

Nursing considerations: Monitor BP and level of sedation every 15 minutes while titrating or adjusting the dose then every 30 minutes while on maintenance dose.

Ramsey Level of Sedation Scale	
Clinical Score	Level of Sedation Achieved
6	Asleep, no response
5	Asleep, sluggish response to light glabellar tap or loud auditory stimulus
4	Asleep, but with brisk response to light glabellar tap or loud auditory stimulus
3	Patient responds to commands
2	Patient cooperative, oriented, and tranquil
1	Patient anxious, agitated, or restless