

Jackson County Medical Control Authority
MICU Protocols
KETAMINE

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Ketamine

Indications: IV sedation

Contraindications: Allergy to Ketamine. Children under age 2. Intracranial injury or intraocular injury.

Administration:

Initial dose 1.5 – 2 mg/kg slow IVP

Followed by

IV drip: Mix 500mg in 100ml bag (5mg/ml concentration) Start at 0.5 mg/kg/hr and titrate to max dose of 2 mg/kg/hr, titrating to minimum effect.

Ketamine is a dissociative anesthetic with bronchodilatory properties. It may also increase secretion production. Do not use with airway devices other than endotracheal tubes due to risk of laryngospasm. It increases both heart rate and blood pressure and has some analgesic effect.

MICU Directive:

1. Follow general protocol for MICU patients.
2. Obtain starting dose and titration parameters from sending facility physician.
3. Discontinue if patient develops signs of hypersensitivity or hemodynamic instability, severe tachycardia, hypertension.