

FORMULARY

Ketamine (Ketalar)

Class of Drug	Anesthetic (Dissociative)
Mechanism of Action	A rapid-acting general anesthetic producing an anesthetic state characterized by profound analgesia, normal pharyngeal-laryngeal reflexes, normal or slightly enhanced skeletal muscle tone, cardiovascular and respiratory stimulation, and occasionally a transient and minimal respiratory depression.
Indications	Induction agent for Rapid Sequence Intubation. Procedural/post RSI sedation. Pain control after, or in lieu of, narcotic analgesia.
Contraindications	Contraindicated in those whom a significant elevation of blood pressure would constitute a serious hazard and those who have shown hypersensitivity to the drug.
Adverse Effects	Rare, associated with rapid infusion: respiratory depression, laryngospasm. Others: emergence delirium, nausea/vomiting fasciculations, bradycardia, hypertension, or hypotension
Precautions	Risk/benefit consideration in pregnancy – increased uterine tone. Resuscitative equipment should be available for use.
Dosing/Administration	<u>Induction for RSI:</u> Adult: 2 mg/kg onset 30 seconds, duration 5-10 minutes Pediatric: same as adult <u>Sedation/ongoing post RSI sedation:</u> Adult: 0.5-1 mg/kg every 10-30 minutes IV as needed Pediatric: same as adult <u>Pain acute:</u> Adult: 0.1-0.35 mg/kg IV may repeat every 10-30 minutes as needed Pediatric: Same as adult
Pregnancy Category	Pregnancy Class: C