Ketamine (Ketalar)

ACTION: Dissociative anesthetic

- N-methyl-Daspartate (NMDA) receptor antagonist with a potent anesthetic effect.

INDICATION	ADULT/ PEDIATRIC (3 years and up)
Moderate to severe pain where Ketorolac, Ibuprofen or BLS measures may be insufficient in controlling pain. Allergy to Fentanyl	• IV/IO 0.25mg/kg in 100ml of NS/D5W Slow infusion over 10 minutes (maximum single dose 30 mg). May repeat every 10 minutes to a total of 60 mg. • IN 0.5 mg/kg (maximum single dose 30 mg). May repeat every 10 minutes to a total of 60 mg

CONTRAINDICATIONS:

- Pregnancy
- Chest pain of cardiac origin
- Hypersensitivity to Ketamine
- Significant head trauma with altered mental status.

POTENTIAL SIDE EFFECTS:

- Dizziness
- Respiratory depression/Apnea
- Nausea/vomiting
- Hypertension
- Impaired motor function
- Laryngospasms
- Drowsiness
- Psychosis
- Amnesia
- Seizures

NOTES:

- DO NOT co-administer Fentanyl and ketamine at the same time. If administering Fentanyl and Ketamine to the same patient, administer 15 minutes after completion of the first dose.
- Cardiac monitoring with SpO_2, $EtCO_2$ and monitoring patient's LOC is required