



Inclusion Criteria:

- Musculoskeletal or soft tissue trauma/pain
- Chronic pain (current, history of, or chart documentation of)
- Opioid tolerance or dependence (current, history of, or chart documentation of)
- Sickle cell vaso-occlusive pain crisis
- Burns
- Neuropathic pain
- Physician discretion

Exclusion Criteria:

- Pregnant or breastfeeding women
- Known or suspected allergy to ketamine
- Active chest pain, respiratory distress, or acute heart failure
- Advanced liver disease or cirrhosis
- Patients < 18 yo
- Active psychosis or mental health disturbance, hallucinogenic state or toxic exposure
- Patients enrolled in current or ongoing research
- study that precludes participation (e.g. Sickle Cell)

Cautions and Warnings:

Ketamine should never be given in the following situations:

- Severe systemic hypertension (>180/110) or uncontrolled tachycardia
- Known or suspected traumatic brain injury
- Cardiac arrhythmia
- Ischemic heart disease or heart failure
- Elderly patients > 75 yo

All Adverse Effects:

Most to Least Commonly Reported:

- Psychomimetic: Dizziness, Dysphoria, Agitation, Anxiety, Dream State, Hallucinations
- Nausea and/or Abdominal Pain
- Sedation / Somnolence
- Sialorrhea
- Tachycardia, Hypertension, Hypoxia (Transient)