

Sickle Cell Disease Pain Pathway

Ketamine/Dexmedetomidine ED

Inclusion Criteria:

- Admission for Sickle Cell VOC
- Not intubated
- Age > 3 yrs
- Unresolved pain with short-term opioids
- Poor side effect profile with opioid use

* Contraindications:

Ketamine

- Allergy to ketamine
- Liver failure
- Myocardial ischemia
- Age < 3 yrs
- Pregnancy
- Schizophrenia/schizoaffective disorder
- Bipolar disorder
- Concern for increased ICP
- Uncontrolled HTN
- Cerebral vascular disease
- Severe hypovolemia
- Cardiac failure
- Pulmonary HTN
- Seizure history
- Thyrotoxicosis
- Patient/family refusal

Dexmedetomidine

- Allergy to dexmedetomidine
- Significant bradycardia
- Significant hypotension
- Patient/family refusal

