



**KETAMINE NOTES:**

Max single dose of 30mg  
Contraindicated with ANY non EMS initiated concurrent Opioid use  
No suspected ETOH or Drug use

May consider Midazolam if pain remains Uncontrolled- **EXTREME** caution needed

**SEDATION NOTES:**

NO ALOC, Multi-system trauma or traumatic brain injury  
Systolic BP must be above 100mmHg  
No Hypoxia may exist (Spo2 above 90%)  
RR must be greater than 10

**OPIOID NOTES:****MAX TOTAL Opioid dose:**

20mg of morphine equivalent  
200mcg Fentanyl=20mg of Morphine

Systolic BP must be above 100mmHg

Lower doses generally needed if concurrent use of Ketorolac or Acetaminophen

Consider ETco2 with larger doses