



Yolo County Emergency Medical Services Agency

Protocols

Revised Date: September 1, 2018

SEDATION	
Adult	Pediatric
Indications	
<ul style="list-style-type: none"> Reduces combative behavior that endangers patients or caregivers Use as an adjunct for pain relief during ALS procedures such as cardioversion and/or transcutaneous cardiac pacing Reduces patient anxiety not improved by other calming measures Alleviates claustrophobia associated with CPAP or NRB 	
Contraindications	
<ul style="list-style-type: none"> SBP < 90 mmHg or < normal range for age <p style="text-align: center; margin-left: 40px;"><i>SBP does not apply for patients requiring TCP or cardioversion</i></p>	
BLS	
Assess vital signs O ₂ , titrate SpO ₂ to ≥ 94% Assist ventilations as needed	
ALS	
Cardiac Monitor, Waveform EtCO ₂ , Consider Vascular Access	
<p>Midazolam 2 mg SIVP</p> <ul style="list-style-type: none"> Titrate to desired degree of sedation May repeat at 1 – 2 mg increments every 3 minutes Total max dose 6 mg <p style="text-align: center;"><u>Or</u></p> <p>Midazolam 5 mg IM</p> <ul style="list-style-type: none"> No repeat <p style="text-align: center;"><u>Or</u></p> <p>Midazolam 10 mg IN</p> <ul style="list-style-type: none"> ½ dose each nare No repeat 	<p>Midazolam 0.1 mg/kg SIVP</p> <ul style="list-style-type: none"> Titrate to desired degree of sedation May repeat x 2 every 5 -10 minutes Max single dose 2 mg Total max dose 4 mg <p style="text-align: center;"><i>*Use a 1 mL syringe for Midazolam administration in pediatric patients</i></p> <p style="text-align: center;"><u>Or</u></p> <p>Midazolam 0.1 mg/kg IM</p> <ul style="list-style-type: none"> Max dose 4 mg No repeat <p style="text-align: center;"><u>Or</u></p> <p>Midazolam 0.2 mg/kg IN</p> <ul style="list-style-type: none"> ½ dose each nare Max dose 5 mg No repeat



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Consider

- Use caution in the following situations:
 - Nausea/vomiting
 - Suspected drug or alcohol intoxication
 - Head injury
 - Altered Level of Consciousness
 - Multi-system trauma
- Combining Fentanyl and Midazolam can cause significant respiratory depression, hypotension and decreased consciousness (administer lower doses of one or both medications)
- Decrease dose of medication for patients > 65 years old or known respiratory disease

Direction

- Advise receiving hospital personnel that the patient has been sedated
- Contact Receiving ED Physician for additional doses