Intranasal Medication Administration (Optional)

☐ Medical Control Authorities choosing to adopt this supplement may do so by selecting this check box. Adopting this supplement changes or clarifies the referenced protocol or procedure in some way. This supplement supersedes, clarifies, or has authority over the referenced protocol.

Purpose: This optional procedure authorizes intranasal medication administration by paramedics using an FDA-approved atomizing device. This procedure authorizes the substitution of the intranasal route for other routes specified in individual protocols as approved for specific indications stated below by the local medical control authority.

Indications: In general, the intravenous route is preferred for medication administration. This procedure may be considered when IV access is unavailable and when a needleless delivery system is desired because of patient agitation, combativeness, or similar conditions that may pose a safety risk to personnel.

CHECK MCA APPROVED INDICATION

☐ Adult Seizures
☐ Pediatric Seizures
☐ Sedation
☐ Adult Pain Control
☐ Pediatric Pain Control
☐ Altered Mental Status with Suspected Opiate Overdose

Contraindications:
1. Nasal trauma
2. Epistaxis, nasal congestion, (significant) nasal discharge
3. Known cocaine use is a relative contraindication

Pre-Medical Control
SPECIALIST – Limited to Naloxone administration.
PARAMEDIC
1. Select desired medication and determine dose (See Medication Table).
2. Draw up appropriate dose (volume) of medication plus an additional 0.1 ml to account for device dead space.
3. Attach atomizing device to syringe.
4. Use one hand to support back of patient's head as needed.
5. Place tip of atomizing device snuggly against nostril aiming slightly upward and outward.
6. Rapidly administer one half of the dose of medication, briskly pushing plunger.
7. Repeat with other nostril delivering the remaining volume of medication.
8. Note: Maximal dose per nostril is 1 cc.

Indication	Medication	Dose	Comments
Adult Seizure	Midazolam (5 mg/1 cc)	10 mg	-Always use 5mg/1ml concentration
Pediatric Seizure	Midazolam (5 mg/1 cc)	0.2 mg/kg Max 10 mg	-Always use 5mg/1ml concentration
Sedation	Midazolam (5mg/1cc)	0.2 mg/kg Max 10 mg	-Always use 5mg/1ml concentration -Causes brief burning lasting approximately 30 seconds
Suspected Opiate Overdose	Naloxone (1mg/1ml)	2 mg	-Always use 1 mg/1ml concentration
Adult Pain Control	Fentanyl	2 mcg/kg	
Pediatric Pain Control	Fentanyl	2 mcg/kg	
Use most concentrated form of medication. Do Not dilute. Maximum 1 cc per nostril			