Indications:
The Mucosal Atomization Device (MAD) as an alternative drug delivery adjunct for patients without IV access who require urgent medication administration.

Medications That May Be Administered via Intranasal (IN) Route:
- Midazolam
- Naloxone
- Fentanyl

Procedure:
1) Determine appropriate medication dose per applicable protocol.
2) Draw medication into syringe and carefully dispose of sharps.
3) Place mucosal atomizer on the end of the syringe and screw into place.
4) Gently insert the atomizer into the naris. Stop once resistance is met.
5) Rapidly administer the medication.
6) Document the results in the patient care record.

Contraindications:
- Do not administer medications via the intranasal route if the patient’s nose is bleeding or if nasal congestion or nasal discharge is present.

Precautions:
- Nasal administration does not always work for every patient.
- Nasal administration is less likely to be effective if the patient has been abusing inhaled vasoconstrictors such as cocaine.
- Midazolam may cause hypoventilation and potential respiratory depression/arrest. Have equipment and help readily available to manage the airway when administering this medication.
• If hypotension develops after the administration of Midazolam, administer a 20 ml/kg bolus of normal saline.

*NOTE* When using Mucosal Atomization Devices (MAD) for intranasal administration, deliver half of the dose into each naris. A single naris dose should not exceed 1ml. When using the MAD, the smallest feasible syringe should be used (1cc syringe is preferred) to ensure adequate atomization pressure.