

## P111 LFD PROCEDURE PROTOCOL: MAD (Mucosal Atomization Device)

AEMT	EMT-I	Paramedic
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### General Description:

The nasal mucosa provides a safe, effective route for medication delivery with a MAD (Mucosal Atomization Device). Medication absorption rates and plasma concentrations are comparable to the intravenous route.

### Indications:

The following medications are approved for IN (intranasal) administration:

1. Fentanyl: pain control
2. Ativan: Active seizure or Anxiety
3. Narcan: Altered mentation, known or suspected opiate drug overdose
4. Glucagon: Hypoglycemia and unsafe / inability to initiate IV
5. Versed : Active seizure or anxiety

### Contraindications:

1. Do not use if Epistaxis is present.
2. Do not use if patient has severe nasal congestion.
3. Do not use in cases of nasal trauma.
4. Do not give more than 1 mL per nostril.

### Procedure:

1. Prepare your equipment (MAD, 1 or 3 cc syringe, medication).
2. Draw up your medication (same dosage you would use for IV administration). Allow some air in the syringe to make up for the "dead space" so that all the medication is administered.
3. Attach the MAD to the end of the syringe.
4. Press the atomizer against the nostril.
5. Briskly depress the syringe plunger.
6. Administer 1/2 of the dose in each nostril. Do not give more than 1 cc per nostril.

### Notes:

1. IV access should be established if possible after nasal medication is given.
2. IN (Intranasal) administration is not meant to replace IM and IV injections but adds more versatility for use when IV access is not readily available or prudent.