



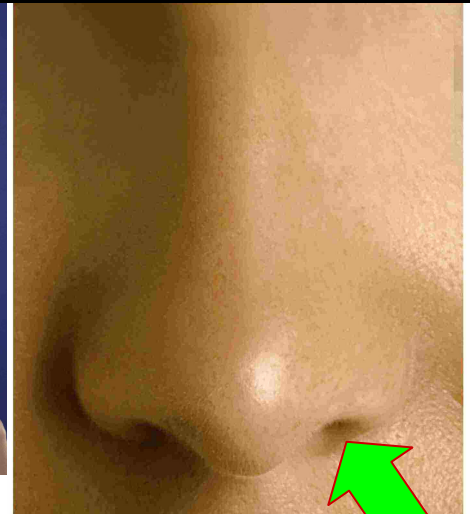
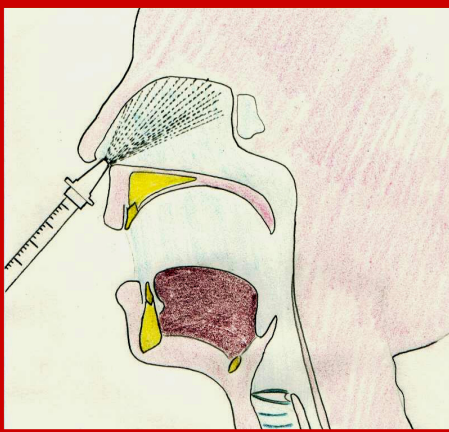
CLINICAL PRACTICE ALERT



MAD – IN Administration

- Fentanyl
- Glucagon
- Naloxone
- Midazolam
(10mg/2mL concentration only)

- If nasal secretions: suction or use alternate route
- **Ideal IN volume for MAD = 0.25 - 0.3 mL**
- If total volume ≥ 0.4 mL: Divide amt between 2 syringes and give $\frac{1}{2}$ dose each nostril (to increase surface area)
- **Use smallest syringe (1 mL leuc-lock ideal)**
- **Aim medial/inward** (toward septum) & **superior/upward**
- **Do NOT tell pt to inhale** (pulls med into posterior pharynx)
- Push syringe plunger briskly (important to atomize)
- IN absorption not as fast as IV:
may take 3-5 min for onset, 10-15 for peak effect
- If no effect from 1st IN dose, consider alternate route



DIANA:mad-cpa-3-11

