

# Intranasal medication delivery procedure for breakthrough pain

## Intranasal Opiate delivery Materials:

1. MADomizer multi-dose reusable bottle
2. Atomizer tip for bottle
3. Vial of appropriate medication (fentanyl, sufentanil, hydromorphone, etc.)

## Procedure:

1. Pour one or more vials of the medication into the MADomizer bottle reservoir. The medication chosen and volume placed into the bottle will be determined by initial dose titration evaluation.
2. Screw the cap / pump assembly onto the bottle of medication.
3. Attach the atomizer tip to the pump – it press fits into place. Clip the atomizer tubing to the stabilizing bar to prevent the tip from moving during operation.
4. Compress the pump several times to prime the pump – once spraying occurs, cease compressions – the device is ready to delivery medication to the patient.
5. Have the patient place the tip of the atomizer snugly against their nostril aiming up and backward.
6. Have the patient compress the pump and sniff simultaneously – repeating until half their predetermined dose has been administered to the nostril. (Each compression delivers 0.1 ml of drug).
7. Move the tip of the atomizer to the other nostril and repeat step 6 – delivering the remaining half of the drug to their opposite nostril. (Using both nostrils doubles the surface area for absorption, enhancing effect).
8. Dose can be repeated in 15 minutes if effect is inadequate. Bottle can be refilled as often as necessary. Atomizer tips should be disposed to prevent infection.

