



# MAD Nasal

## Intranasal Mucosal Atomization Device

The safe, painless way to deliver medication without an intravenous line.

### Medication Delivery

The MAD Nasal Device from Teleflex was invented by an emergency physician and offers a useful, additional option in the choice of alternate access for medication delivery.\*

### Rapidly Effective

Nasal drug administration with the MAD Nasal Device is quick and easy, eliminating IV set-up time and conserving resources. Additionally, no sterile technique is required, so more time is spent caring for the patient and less time starting a painful IV.

### Needle Free

The MAD Nasal Device provides a painless and rapidly effective medication delivery option for non-invasive intranasal medication delivery. It increases safety for both caregivers and patients through the avoidance of needlestick injury.

### Controlled Administration

The malleable tip atomizes in any position, making proper medication delivery in non-compliant patients easier. The atomized particles are the optimal size for rapid absorption across mucosal membranes\* into blood stream, avoiding first-pass metabolism.

### Benefits



#### The Clinician

No cumbersome and time-consuming IV setup



#### Your Institution

No time-consuming IV setup, no danger of needle sticks and no need to sterilize delivery site

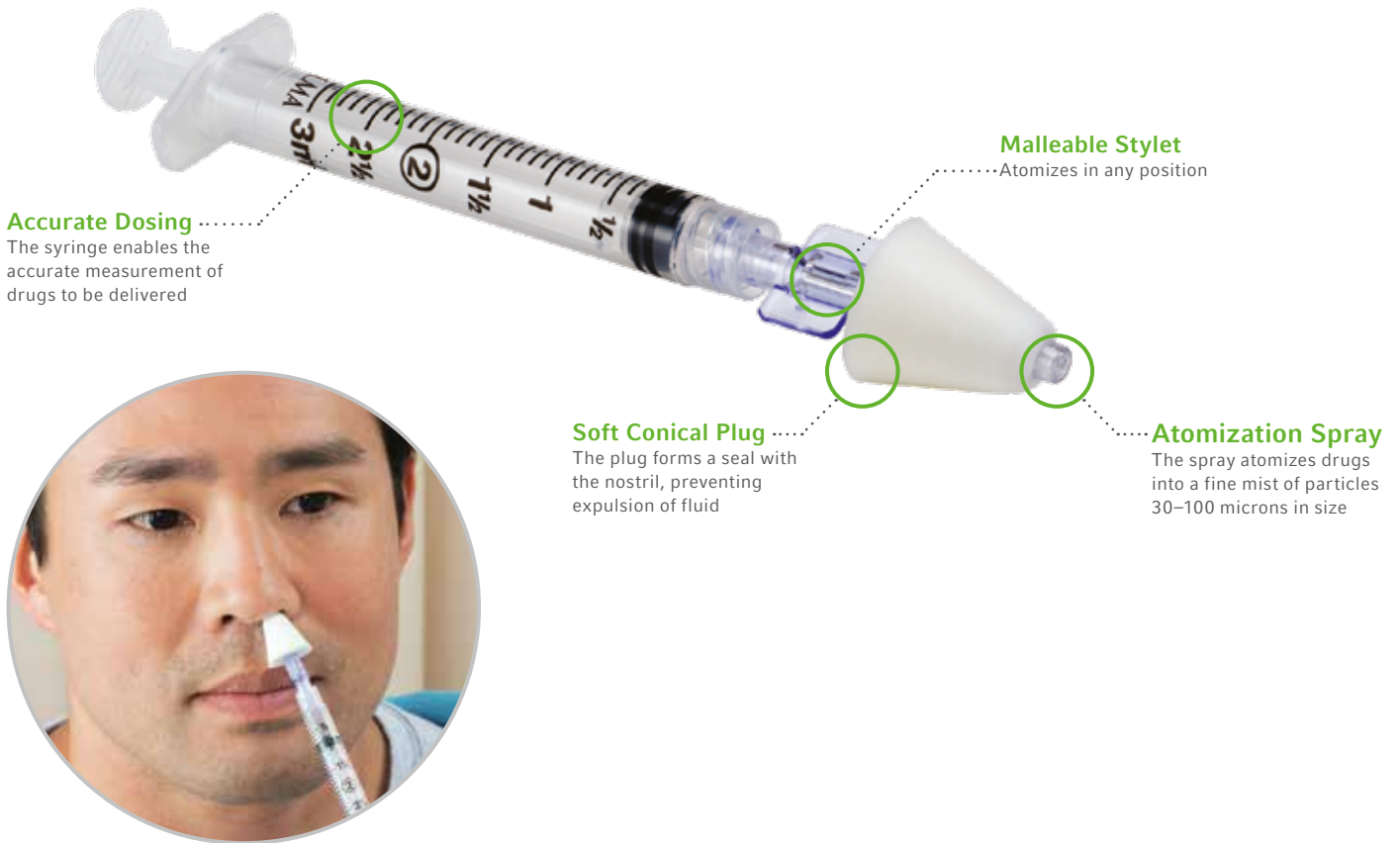


#### The Patient

Safe, painless and rapidly effective treatment delivery for pediatrics and adults

\*For use with drugs approved for intranasal delivery.

Teleflex



**Accurate Dosing**  
The syringe enables the accurate measurement of drugs to be delivered

**Malleable Stylet**  
Atomizes in any position

**Soft Conical Plug**  
The plug forms a seal with the nostril, preventing expulsion of fluid

**Atomization Spray**  
The spray atomizes drugs into a fine mist of particles 30–100 microns in size

### MAD Nasal Intranasal Mucosal Atomization Device Specifications

Typical Particle Size	30–100 microns
System Dead Space	MAD100/MAD140 = 0.12 ml MAD100OS/MAD140OS = 0.13 ml MAD110/MAD110OS = 0.15 ml MAD130/MAD130OS = 0.15 ml MAD300 = 0.06 ml
Tip Diameter	0.17" (4.3 mm)

### MAD Nasal Intranasal Mucosal Atomization Device

ITEM NUMBER	PRODUCT DESCRIPTION	QTY/BOX
MAD100	MAD Nasal Device with 3 ml Syringe	25
MAD100OS	MAD Nasal Device with 3 ml Oral Syringe	25
MAD110	MAD Nasal Device with 1 ml Syringe	25
MAD110OS	MAD Nasal Device with 1 ml Oral Syringe	25
MAD130	MAD Nasal Device with 1 ml Syringe and Vial Adapter	25
MAD130OS	MAD Nasal Device with 1 ml Syringe and Vial Adapter	25
MAD140	MAD Nasal Device with 3 ml Syringe and Vial Adapter	25
MAD140OS	MAD Nasal Device with 3 ml Oral Syringe and Vial Adapter	25
MAD300	MAD Nasal Device without Syringe	25

To learn more, visit [Imaco.com/products](http://Imaco.com/products)

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**Teleflex**

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