



LMA[®] MAD NASAL[™]

Intranasal Mucosal Atomization Device

Introducing the LMA[®] MAD Nasal[™] Intranasal Mucosal Atomization Device—The safe and painless way to deliver medication with rapid absorption across mucosal membranes to your patient's blood stream without an intravenous line.

When intravenous (IV) delivery is less than ideal, look to the MAD Nasal[™] Device to deliver safe, painless, and rapidly effective treatment with minimal resource utilization.

With no danger of needle sticks, no need to sterilize the delivery site, and no cumbersome and time-consuming IV setup, this intranasal mucosal atomization device delivers a mist of atomized medication that offers rapid absorption across mucosal membranes to the blood stream. So you spend more time caring for your patient, and less time starting a painful IV line.

REFERENCE

¹ R Wolfe, D Braude. Intranasal Medication Delivery for Children: A Brief Review and Update. *Pediatrics*. 2010. www.pediatrics.org/cgi/doi/10.1542/peds.2010-0616. Accessed 03/12/13.

SAFE AND PAINLESS

- No needle, no shot, no pain, and no risk of needle stick

RAPIDLY EFFECTIVE

- Atomized nasal medications absorb into blood stream, avoiding first-pass metabolism
- Atomized nasal medications offer rapid absorption across mucosal membranes to the blood stream into the brain and cerebrospinal fluid via olfactory mucosa to nose-brain pathway
- Approaches medication levels comparable to injection¹

CONTROLLED ADMINISTRATION

- Exact dosing, exact volume
- Titratable to effect
- Atomizes in any position
- Atomized particles are optimal size for deposition across broad area of mucosa

MINIMAL RESOURCE UTILIZATION

- Nasal drug administration is quick and easy, eliminating IV set-up time
- No sterile technique required

EVIDENCE BASED

- Extensive literature supports the clinical effectiveness of medications delivered via the MAD Nasal[™] Device



MAD100

MAD140

LMA[®] MAD NASAL[™] DEVICE SPECIFICATIONS

Typical Particle Size	30-100 microns
System Dead Space	0.13 mL MAD100 and MAD140 / 0.07 mL MAD300
Tip Diameter	0.17 inches (4.3 mm)
Applicator Length (MAD300)	1.65 inches (4.2 cm)

COMPARISON OF DRUG DELIVERY SYSTEMS

KEY FEATURES	NASAL	ORAL	IV
High Serum Drug Levels	•	NO	•
Rapid Onset	•	NO	•
Titratable	•	NO	•
Painless	•	•	NO
Easy to Use	•	•	NO
Low Resource Utilization	•	•	NO
Eliminates Needle Stick Risk	•	•	NO

LMA[®] MAD NASAL[™] DEVICE ORDERING INFORMATION

PRODUCT DESCRIPTION	QUANTITY/BOX	CATALOG NUMBER
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device with 3 mL Syringe	25	MAD100
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device with 3 mL Oral Syringe	25	MAD1000S
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device with 1 mL Syringe	25	MAD110
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device with 1 mL Oral Syringe	25	MAD1100S
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device with 1 mL Syringe and Vial Adapter	25	MAD130
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device with 1 mL Oral Syringe and Vial Adapter	25	MAD1300S
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device with 3 mL Syringe and Vial Adapter	25	MAD140
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device with 3 mL Oral Syringe and Vial Adapter	25	MAD1400S
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device without Syringe	25	MAD300

For use with drugs approved for intranasal delivery.
TO ORDER, CALL 1.866.246.6990 OR VISIT OUR WEBSITE WWW.LMANA.COM

Teleflex, LMA, LMA Atomization, MAD, and MAD Nasal are trademarks or registered trademarks of Teleflex Incorporated or its affiliates.
 © 2013 Teleflex Incorporated. All rights reserved. 2012-1533