



LMA® MAD NASAL™ Intranasal Mucosal Atomization Device

WHEN LIVES DEPEND ON YOU, DEPEND ON LMA ATOMIZATION® PRODUCTS

No shot. No needle. No risk of needle stick injury. The LMA® MAD Nasal™ Device is 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 faced with a daunting variety of tasks, you shouldn't have to worry about needle stick injuries. The LMA® MAD Nasal™ Device can come to the rescue delivering 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.

ATOMIZATION SPRAY

The spray atomizes drugs into a fine mist of particles 30 - 100 microns in size.

SOFT CONICAL PLUG

The plug forms a seal with the nostril preventing expulsion of fluid.

FLEXIBLE STYLET

The flexible stylet allows 180° positioning of the nasal plug.

LMA® MAD Nasal™
INTRANASAL MUCOSAL
ATOMIZATION DEVICE

**EXTENSIVE LITERATURE SUPPORTS THE CLINICAL EFFECTIVENESS
OF MEDICATIONS DELIVERED VIA THE LMA[®] MAD NASAL[™] DEVICE.**



RAPIDLY EFFECTIVE

- Atomized nasal medications absorb across mucosal membranes to the 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 injections¹

SAFE AND PAINLESS

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

MINIMAL RESOURCE UTILIZATION

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

CONTROLLED ADMINISTRATION

- Simple delivery system – appropriate for both ALS and BLS
- Exact dosing, exact volume
- Effective in both children and adults
- Titratable to effect
- Atomizes in any position
- Atomized particles are optimal size for deposition across broad area of mucosa

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 Syringe and Vial Adapter	25	MAD140
FOR USE WITH PRE-LOADED SYRINGE		
LMA [®] MAD Nasal [™] Intranasal Mucosal Atomization Device without Syringe	25	MAD300

Additional sizes and configurations are available. Call or visit our web site for more information.

For use with drugs approved for intranasal delivery.

TO ORDER, CALL 1.866.246.6990 OR VISIT WWW.LMAEMS.COM

REFERENCES

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.

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