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

*MAD Nasal Intranasal Mucosal Atomization Device
The safe, painless way to deliver medication without an intravenous line.
Atomization Spray
The spray atomizes drugs into a fine mist of particles 30–100 microns in size

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

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

Malleable Stylet
Atomizes in any position

MAD Nasal Intranasal Mucosal Atomization Device Specifications

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Product Description</th>
<th>Qty/Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAD100</td>
<td>MAD Nasal Device with 3 ml Syringe</td>
<td>25</td>
</tr>
<tr>
<td>MAD100OS</td>
<td>MAD Nasal Device with 3 ml Oral Syringe</td>
<td>25</td>
</tr>
<tr>
<td>MAD110</td>
<td>MAD Nasal Device with 1 ml Syringe</td>
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</tr>
<tr>
<td>MAD110OS</td>
<td>MAD Nasal Device with 1 ml Oral Syringe</td>
<td>25</td>
</tr>
<tr>
<td>MAD130</td>
<td>MAD Nasal Device with 1 ml Syringe and Vial Adapter</td>
<td>25</td>
</tr>
<tr>
<td>MAD130OS</td>
<td>MAD Nasal Device with 1 ml Oral Syringe and Vial Adapter</td>
<td>25</td>
</tr>
<tr>
<td>MAD140</td>
<td>MAD Nasal Device with 3 ml Syringe and Vial Adapter</td>
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<td>MAD140OS</td>
<td>MAD Nasal Device with 3 ml Oral Syringe and Vial Adapter</td>
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</tr>
<tr>
<td>MAD300</td>
<td>MAD Nasal Device without Syringe</td>
<td>25</td>
</tr>
</tbody>
</table>

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)