



How to Use Nasal Midazolam

To view a video of how to give nasal midazolam, visit: seattlechildrens.org/midaz



What supplies do I need?

- MAD (Mucosal Atomization Device) Nasal Package which includes a 3 ml syringe, vial adapter and MAD (atomizer)
- Medicine vial of midazolam

How do I give nasal midazolam?

Give your child the nasal midazolam by following these steps:

1. Remove the cap from the syringe and set aside.



2. Draw up air into the syringe by pulling back the plunger to the 2 ml mark.
3. Pierce the medicine vial with the vial adapter.

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4. Push the air into the medicine vial.



5. Flip it over and draw up the amount (volume) of medicine your child was prescribed.



6. Remove the vial adapter and syringe from the medicine vial and put the cap back on the vial adapter.



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7. Twist the vial adapter to remove it from the syringe.



8. Twist the atomizer onto the syringe.



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To Learn More

- Neurology
206-987-2078
- Ocean Pharmacy
206-987-2138
- Ask your child's
healthcare provider
- www.seattlechildrens.org

Free Interpreter Services

- In the hospital,
ask your child's nurse.
- From outside the
hospital, call the
toll-free Family
Interpreting Line
1-866-583-1527. Tell
the interpreter the
name or extension you
need.

9. Use your free hand to hold the top (crown) of your child's head to keep it from moving.
10. Place the tip of the atomizer snugly inside the nostril. Aim slightly up and out toward the top of the ear.



11. Quickly compress the syringe plunger to give half of the medicine into the nostril.
12. Move the atomizer over to the other nostril and give the rest of the medicine into that nostril, following steps 10 and 11.
13. Reattach the vial adaptor to the syringe.

Supplies and partially used medicine vials may be kept at room temperature for 1 day (24 hours). If your child has another seizure, they can be re-used following the steps above. If it has been longer than 1 day, throw away the medicine vial, syringe and atomizer in the trash.

When should I call 911?

Call 911 right away if:

- The seizure continues for more than 5 minutes after you give midazolam
- It is the first time you gave midazolam
- You gave 2 doses within a short period
- Your child is having difficulty breathing or if you have any other concerns

Seattle Children's offers interpreter services for Deaf, hard of hearing or non-English speaking patients, family members and legal representatives free of charge. Seattle Children's will make this information available in alternate formats upon request. Call the Family Resource Center at 206-987-2201.

This handout has been reviewed by clinical staff at Seattle Children's. However, your child's needs are unique. Before you act or rely upon this information, please talk with your child's healthcare provider.

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