

700 Children's Drive
Columbus, Ohio 43205-2696
nationwidechildrens.org

FEVER AND SEIZURES (Febrile Seizures)

Babies and children often have illnesses with fever. For most children fever causes only minor discomfort that can be relieved with acetaminophen (such as Children's Tylenol® and Infant Tylenol drops) or ibuprofen (Children's Motrin®). But in a few children, fever can bring on a seizure at some time during childhood. Convulsions that are brought on by a rise in temperature are called *febrile* (FEB-rill) seizures.

FACTS ABOUT FEBRILE SEIZURES

- Brief seizures that are brought on by a high fever are not harmful to the child. They do not cause brain damage, but they can be very upsetting to parents.
- Febrile seizures are common. Between 4 and 10% of children will have one at some time - usually between the ages of 6 months and 5 years.
- Febrile seizures do not mean the child has epilepsy. Epilepsy is a different condition. With epilepsy the person has repeated seizures but no fever.

SIGNS OF A FEBRILE SEIZURE

- The muscles stiffen and jerk or twitch.
- The child often loses consciousness.
- When the movements stop, the child "comes to" but may be quite groggy.



Picture 1 Place your child on his side on a soft surface.

WHAT YOU CAN DO

There is nothing you can do to make the seizure stop. The most important thing is for you to stay calm.

1. Place your child on a soft surface, lying on his side (Picture 1). **Do not restrain the child and do not put anything in his or her mouth.**
2. Look to see exactly how your child moves and how he responds to you so you can describe it later.
3. Time how long the seizure lasts. If the seizure stops in less than 5 minutes, contact your doctor for further instructions.
4. If the seizure lasts more than 5 minutes, call 911 immediately for emergency services. Medicine can be given by the emergency squad to stop the seizure.
5. If your child becomes dusky (turns blue) for more than 3 minutes, call 911.

AFTER THE SEIZURE

Your child may be a little cranky for a day or so, but this is probably related to his or her illness. There is no need to change your life style or the way you care for your child.

- Your child can safely sleep in his or her own bed or crib. Be sure to remove extra pillows and soft toys from the bed. For a preschooler, you may want to think about using guard rails on the bed.
- If your child is acting sick and has other signs of illness, follow your doctor's advice as you normally would.

Almost a third of children who have had one seizure will have one or more others. Usually they outgrow febrile seizures by 5 years of age.

PREVENTION

Talk with your doctor about ways to prevent high fevers in the future. But remember, in some children, a seizure is the first sign that the child has a fever.

- You can give your child acetaminophen ibuprofen to lower the fever and make her more comfortable, but this may not ward off a seizure. Ask your doctor about the right dose and schedule for giving the medicine. **Caution: Acetaminophen comes in several different strengths. Be very sure you are giving the right one.**
- Give your child acetaminophen ibuprofen before using fans or cool sponge baths to lower your child's temperature. Undress your child when indoors. Do not cover your child with blankets.
- If your child is having febrile seizures very often, your doctor may prescribe a medicine to use for fever. If this is the case, follow your doctor's instructions.

If you have any questions, be sure to ask your doctor or nurse, or call _____.



Picture 2 Follow your doctor's instructions for giving fever medicines.