

Meningococcal Disease

What is meningococcal disease?

- Meningococcal disease is any illness caused by the bacteria *Neisseria meningitidis*.
- It is the leading cause of bacterial meningitis in children 2-18 years of age in U.S.
- Meningococcal disease can be very serious, even life-threatening in 48 hours or less.
- The two most severe and common illnesses caused by meningococcal bacteria include;
 - Meningitis - an infection of the fluid and lining around the brain and spinal cord
 - Septicemia - a bloodstream infection

What are the symptoms?

- Symptoms of meningococcal disease are similar to influenza (flu) and may include:
 - Sudden onset of a high fever
 - Headache
 - Stiff neck
 - Nausea
 - Vomiting
 - Increased sensitivity to light
 - Rash
 - Confusion
 - Severe aches and pain in the muscles, joints, chest or belly

How does meningococcal disease spread?

- Meningococcal disease is spread person to person by sharing respiratory secretions, through kissing or coughing, close or lengthy contact, and among people who share a room or live in the same household.
- Anyone can get meningococcal disease, but teens and college freshmen who live in residence halls are at increased risk.
- Some people can “carry” meningococcal bacteria in their nose and throat without getting meningococcal disease, but can still infect other people.
- Most cases of meningococcal disease are spread by people who “carry” the bacteria with no symptoms, appear to be random, and not linked to other cases.
- Meningococcal outbreaks can occur in communities, schools, colleges, prisons, and in other high risk populations.

Where can I find more information?

- Ask your doctor.
- Call the Alabama Department of Public Health, Immunization Division, at 1-800-469-4599.
- Go to cdc.gov and type meningococcal disease in SEARCH box.



Alabama Department of Public Health

Epidemiology Division, 201 Monroe St, Montgomery, AL 36104

800-338-8374 www.adph.org

Meningococcal Vaccine

Who should get meningococcal vaccine?

- Adolescents 11 through 18 years of age are routinely recommended for two doses of meningococcal conjugate vaccine (MCV4).
- Preteens should get the first dose of MCV4 at their 11–12 years of age check-up and a booster dose of MCV4 is recommended at 16 years of age.
- Teenagers who missed a dose and are heading off to college as a freshman living in a residence hall. Ask your doctor about getting the vaccine now.
- Teenagers with HIV should get three doses of MCV4.
- People 55 years of age and older should get Meningococcal polysaccharide vaccine (MPSV4).
- Both vaccines prevent 4 types of bacterial meningococcal disease.

Who should be vaccinated because they are at increased risk?

- College freshmen living in dormitories.
- Laboratory personnel exposed to meningococcal bacteria.
- U.S. military recruits.
- Anyone traveling or living where meningococcal disease is common, like Africa.
- Anyone with a damaged spleen or who had the spleen removed.
- Anyone with an immune system disorder.
- Anyone exposed during a meningococcal meningitis outbreak.

What are the vaccine side effects and risks?

- MCV4 is safe, but side effects can occur.
- Most side effects are mild or moderate and do not affect daily activities.
- The most common side effects in preteens and teens occur where the injection is given and may include pain, tenderness, swelling, and hardness of the skin.
- Other common side effects may include nausea, feeling a little run down, and headache.
- Some preteens and teens may also faint after getting a vaccine.
- Reactions usually last a short time and get better within a few days.

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