Meningococcal Disease and Camp Attendees: Commonly Asked Questions

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What is meningococcal disease?
Meningococcal disease is caused by infection with bacteria called *Neisseria meningitidis*. These bacteria can infect the tissue (the "meninges") that surrounds the brain and spinal cord and cause meningitis, or they may infect the blood or other organs of the body. In the US, about 1,000-3,000 people get meningococcal disease each year and 10-15% die despite receiving antibiotic treatment. Of those who survive, about 11-19% may lose limbs, become deaf, have problems with their nervous system, become mentally retarded, or have seizures or strokes.

How is meningococcal disease spread?
These bacteria are passed from person-to-person through saliva (spit). You must be in close contact with an infected person's saliva in order for the bacteria to spread. Close contact includes activities such as kissing, sharing water bottles, sharing eating/drinking utensils or sharing cigarettes with someone who is infected; or being within 3-6 feet of someone who is infected and is coughing and sneezing.

Who is at most risk for getting meningococcal disease?
People who travel to certain parts of the world where the disease is very common, microbiologists, people with HIV infection and those exposed to meningococcal disease during an outbreak are at risk for meningococcal disease. Children and adults with damaged or removed spleens or terminal complement component deficiency (an inherited immune disorder) are at risk. People who live in certain settings such as college freshmen living in dormitories and military recruits are at greater risk of disease.

Are camp attendees at increased risk for meningococcal disease?
Children attending day or residential camps are **not** considered to be at an increased risk for meningococcal disease because of their participation.

Is there a vaccine against meningococcal disease?
There are currently 2 types of vaccines available in the US that protect against 4 of the most common of the 13 serogroups (subgroups) of *N. meningitidis* that cause serious disease. Meningococcal polysaccharide vaccine is approved for use in those 2 years of age and older. There are 2 licensed meningococcal conjugate vaccines. Menactra® is approved for use in those 9 months – 55 years of age. Menveo® is proved for use in those 2 to 55 years of age. Meningococcal vaccines are thought to provide protection for approximately 5 years.

Should my child receive meningococcal vaccine?
Meningococcal vaccine is **not** recommended for attendance at camps. However, this vaccine is recommended for certain age groups; contact your child's health care provider. In addition, parents of children who are at higher risk of infection, because of certain medical conditions or other circumstances, should discuss vaccination with their child's healthcare provider.

How can I protect my child from getting meningococcal disease?
The best protection against meningococcal disease and many other infectious diseases is thorough and frequent handwashing, respiratory hygiene and cough etiquette. Individuals should:

1. wash their hands often, especially after using the toilet and before eating or preparing food (hands should be washed with soap and water or an alcohol-based hand gel or rub may be used if hands are not visibly dirty);
2. cover their nose and mouth with a tissue when coughing or sneezing and discard the tissue in a trash can; or if they don't have a tissue, cough or sneeze into their upper sleeve.
3. not share food, drinks or eating utensils with other people, especially if they are ill.

You can obtain more information about meningococcal disease or vaccination from your healthcare provider, your local Board of Health (listed in the phone book under government), or the Massachusetts Department of Public Health Division of Epidemiology and Immunization at (617) 983-6800 or toll-free at (888) 658-2850 or on the MDPH website at www.mass.gov/dph.

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