

Knowledge Gaps in Vaccination **Against Meningococcal Disease**

Two national online consumer polls gauge the knowledge of and attitudes related to meningococcal disease*

Meningococcal disease is a rare but aggressive bacterial infection that can be fatal or cause serious life-long disability within 24 hours of onset of symptoms.^{1,2}

Parents

42%

Less than half of parents say they have talked to their child about how the disease is spread³





or its early symptoms³

38%

Of those parents whose child has been vaccinated against meningococcal disease,

don't know which serogroups of bacteria their child is vaccinated against³

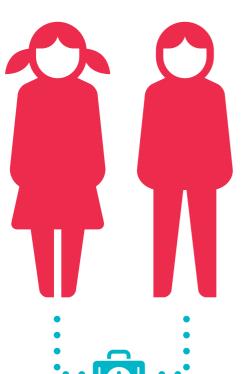




Three meningococcal groups -B, C and Y - cause most of the illness in the United States⁴

of parents report wanting their children to be immunized against all vaccinepreventable serogroups of meningococcal disease³

Teens/Young Adults

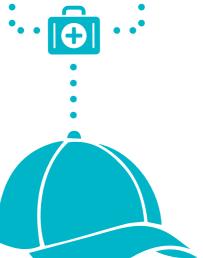


49%



Less than half of young adults know that meningococcal disease

can lead to serious health complications, which may include hospitalization, hearing loss or amputation⁵



Only **22%** know that it is possible to die within 24 hours of onset of early symptoms⁵

greater risk for contracting the disease due to increased likelihood of being in community settings that promote close contact with people⁶

In the U.S., teens/young adults are at

disease will have long-term consequences, including deafness, nervous system problems, brain damage or loss of limbs⁷

11-19% of survivors of meningococcal

11-19%



References:

meningococcal disease will die⁷

About 10-15% of people infected with

* The two online polls were conducted by Novartis Vaccines and Diagnostics, Inc. Effective March 2, 2015, GSK completed the purchase of Novartis' vaccines business (excluding its influenza vaccines business) in the U.S.

- 2. Thompson, M.J. et al. Clinical recognition of meningococcal disease in children and adolescents. 2006. Lancet, 367: 397-403. Available at: http://www.thelancet.com/pdfs/journals/lancet/PIIS0140-6736(06)67932-4.pdf.
- 3. Harris Poll. US Awareness Poll-Parents. February 2015.

1. Centers for Disease Control and Prevention (CDC). Prevention and control of meningococcal disease -

recommendations of the Advisory Committee on Immunization practices (ACIP). Morbidity and Mortality Weekly Report (MMWR). 2013; 62(2):1-13. Available at: http://www.cdc.gov/mmwr/preview/mmwrhtml/rr6202a1.htm.

4. CDC. Epidemiology and Prevention of Vaccine-Preventable Diseases. Hamborsky J, et al, eds. 13th ed. Washington, DC: Public Health Foundation; 2015.

5. Harris Poll. US Awareness Poll-Young Adults. February 2015.

http://www.cdc.gov/meningococcal/clinical-info.html. June 2015.

- 6. Centers for Disease Control and Prevention (CDC). Risk Factors. June 2015. Available at http://www.cdc.gov/meningococcal/about/risk-factors.html.
- 7. Centers for Disease Control and Prevention. Meningococcal Disease: Technical and Clinical Information.