

**Communicable Disease Epidemiology  
and Immunization Section**

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**Health Advisory: Serogroup B Meningococcal Disease Outbreak at Oregon State University (OSU) –  
30 NOV 2017**

**Action requested:**

- **Be aware of an ongoing serogroup B meningococcal disease outbreak at Oregon State University (OSU) in Corvallis.**
- **King County healthcare providers should be alert to the possibility of meningococcal disease among OSU students with compatible symptoms (see below).**
- **King County healthcare providers should provide serogroup B meningococcal vaccination to OSU students 25 years of age and younger.**
- **Serogroup B meningococcal vaccine is licensed as either a 2 -dose series (Bexsero<sup>®</sup>), with the doses administered 6 months apart, or as a 3-dose series (Trumenba<sup>®</sup>), with doses administered 1-2 and 6 months following the first dose. If Trumenba<sup>®</sup> is utilized in response to a serogroup B meningococcal disease outbreak, ACIP recommends the 3-dose series in order to provide earlier protection and maximize the immune response. The same vaccine must be used for all doses.**

**Background:** Five OSU students have been diagnosed with serogroup B meningococcal disease during this academic year; the most recent case diagnosed November 24<sup>th</sup>. Meningococcal disease outbreaks can persist for months. Many OSU students from Washington State will return to King County during winter break (December 8, 2017 – January 7, 2017). See resources below for information related to the outbreak and meningococcal vaccination.

**Symptoms of meningococcal meningitis** include Fever, headache, stiff neck, nausea, vomiting, photophobia (eyes being more sensitive to light), and altered mental status (confusion).

**Symptoms of meningococemia** include: Fever, fatigue, vomiting, cold hands and feet, chills, myalgia, arthralgia, chest pain, abdominal pain, tachypnea, diarrhea, and, in the later stages, a purpuric rash

**Resources:**

- **CDC meningococcal vaccine information for healthcare providers:**  
<https://www.cdc.gov/vaccines/vpd/mening/hcp/who-vaccinate-hcp.html>
- **ACIP recommendations for use of serogroup B meningococcal vaccine:**  
<https://www.cdc.gov/mmwr/volumes/66/wr/mm6619a6.htm>
- **OSU Student Health Services: Meningococcal Disease**  
<http://studenthealth.oregonstate.edu/meningococcal-disease>