

## ***Staphylococcus aureus* Infection, Vancomycin Non-Susceptible**

Merlin reporting code = 38100 (Intermediate)  
= 38101 (Resistant)

Case report form (CRF): N/A

**CONTACT BUREAU OF EPIDEMIOLOGY**

### **Clinical description**

*Staphylococcus aureus* can produce a variety of syndromes with clinical manifestations including skin and soft tissue infections, empyema, bloodstream infection, pneumonia, osteomyelitis, septic arthritis, endocarditis, sepsis, and meningitis. *S. aureus* may also colonize individuals who remain asymptomatic. The most frequent site of *S. aureus* colonization is the nares.

### **Laboratory criteria for case classification**

Intermediate Resistance (GISA/VISA):

- Isolation of *Staphylococcus aureus* from a clinical specimen with an MIC 4-8 µg/ml to vancomycin.

Resistance (GRSA/VRSA):

- Isolation of *Staphylococcus aureus* from a clinical specimen with an MIC  $\geq$ 16 µg/ml to vancomycin.

### **Case classification**

Confirmed:

A clinically compatible illness in a person with laboratory evidence.

### **Comments**

 **Isolates from all cases must be sent to the Bureau of Public Health Laboratories for confirmation.**

[Return to Table of Contents](#)