



Merlin disease code: 38100 *Staphylococcus aureus* Infection, Intermediate Resistance to Vancomycin (VISA)  
38101 *Staphylococcus aureus* Infection, Resistant to Vancomycin (VRSA)

## CONTACT BUREAU OF EPIDEMIOLOGY

No paper case report form  
No Merlin extended data



Isolates for all cases must be sent to the Bureau of Public Health Laboratories

## Clinical criteria for case classification

*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 a minimum inhibitory concentration (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.

## Epidemiological criteria for case classification

Not applicable.

## Case classification

### Confirmed:

A clinically compatible illness in a person with laboratory criteria.

## Criteria to distinguish a new case from previous reports

Not applicable.