Staphylococcus aureus Infection, Vancomycin Non-Susceptible

Merlin disease code=38100 S. aureus Infection, Intermediate Resistance
Merlin disease code=38101 S. aureus Infection, Resistant
Case report form (CRF): None
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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 ≥16 μg/ml to vancomycin.

Epidemiological criteria for case classification
Not applicable.

Case classification
Confirmed:
A clinically compatible illness in a person with laboratory evidence.

Criteria to distinguish a new case from previous reports
Not applicable.

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

Return to Table of Contents