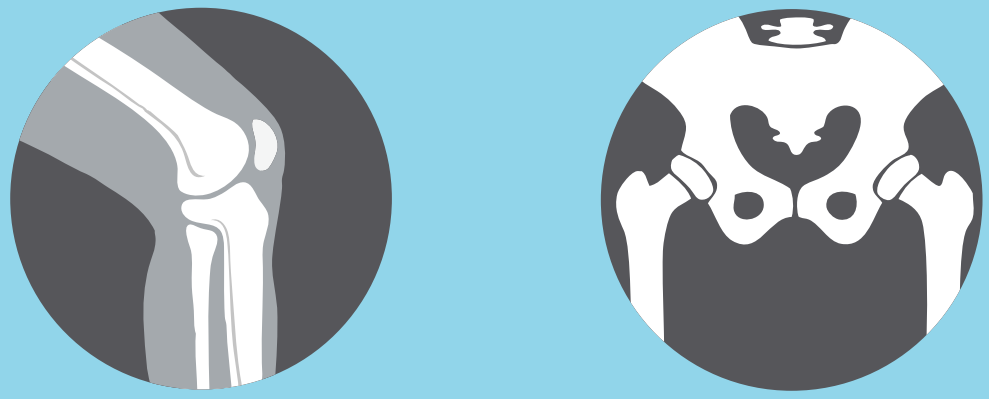


Next-Generation Sequencing: New Diagnostic Tool for Periprosthetic Joint Infection?

Diagnosis of periprosthetic joint infection in patients who underwent revision and primary joint (knee/hip) arthroplasties



Sample collection

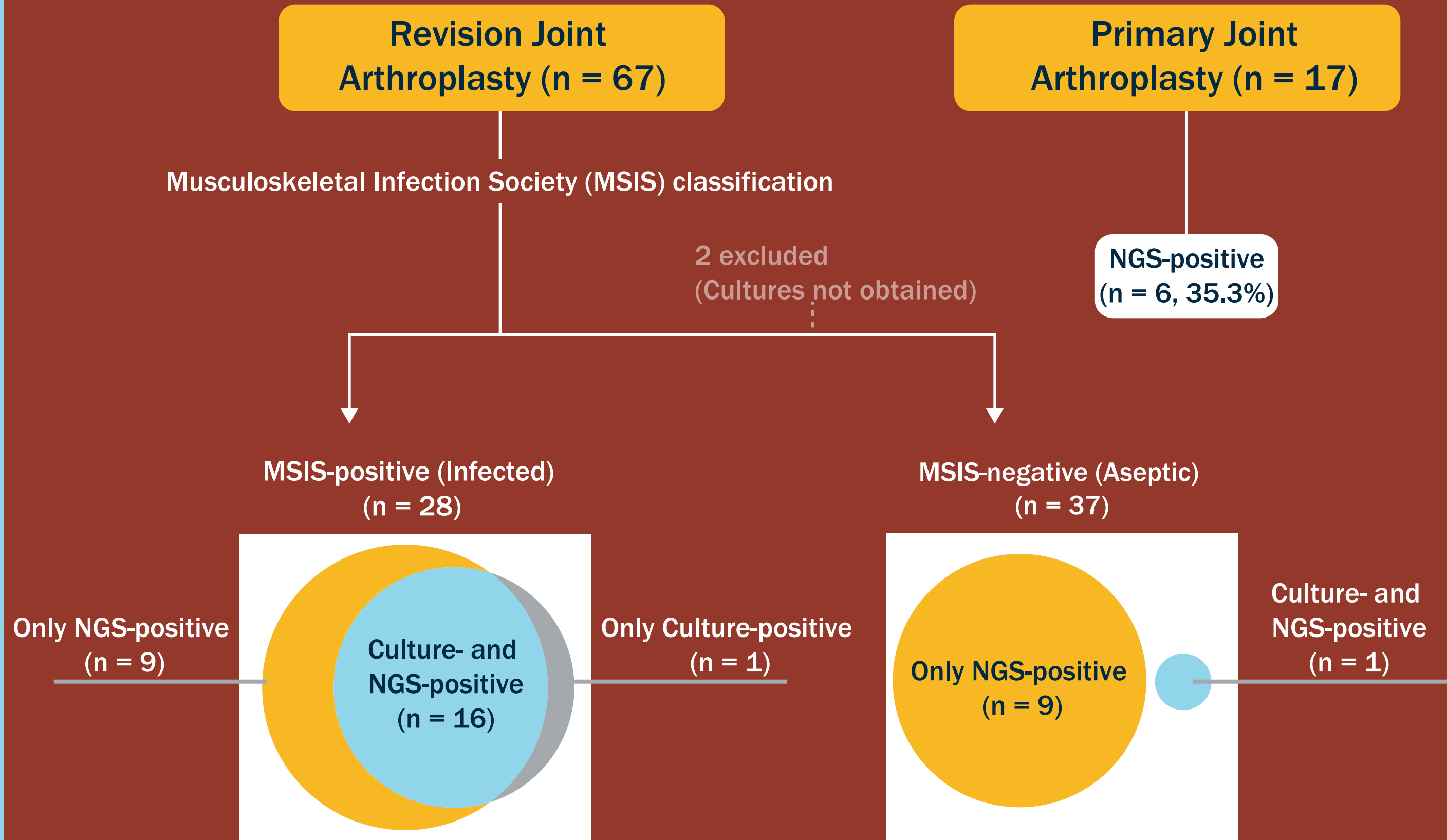
Synovial fluid

Swab

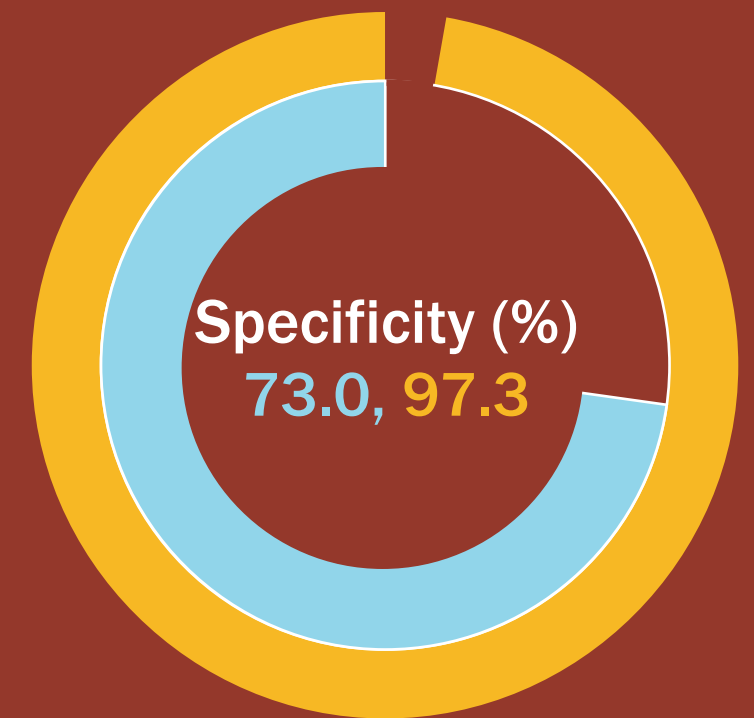
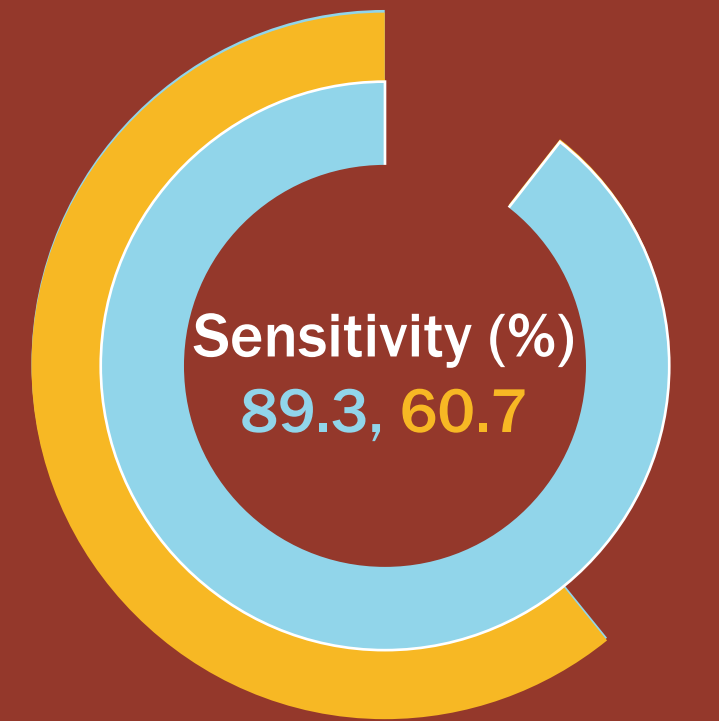
Deep tissue

Culture

Real-time PCR + Next-generation sequencing (NGS)



NGS vs. Culture



Next-generation sequencing is a useful adjunct in diagnosis of culture-negative periprosthetic joint infection

Diagnosis of Periprosthetic Joint Infection: The Potential of Next-Generation Sequencing

Tarabichi et al. (2018) doi:10.2106/JBJS.17.00434

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