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Are Leukocyte Esterase (LE) strip and Alpha-Defensin kit reliable enough to diagnose peri-prosthetic joint infection, intra-operatively?

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Background: Despite improvement in sterilization techniques, peri-prosthetic joint infection (PJI) is the most fearsome complication after hip and knee arthroplasties. Various strategies have been devised from time to time to diagnose and treat PJI. Recently, Leukocyte esterase and alpha-defensin are identified as markers of active infection in synovial fluid. Therefo ...

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