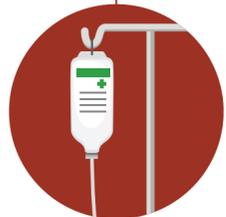
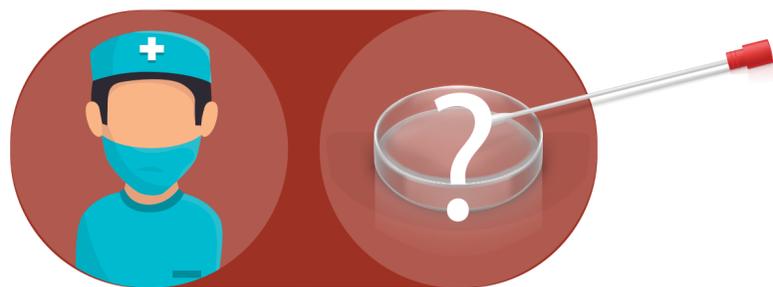


Antibiotic Protocol for Infection after Revision Shoulder Arthroplasty: Surgeons' Predictions Vs Culture Results

Surgeons performing revision shoulder arthroplasty do not have access to intraoperative culture results and must rely on preoperative and intraoperative observations...



IV antibiotics



Oral antibiotics

...to select an appropriate postoperative antibiotic therapy

Study of factors associated with initiation and modification of two postoperative antibiotic protocols



Patients undergoing revision shoulder arthroplasty
N = 175



IV or oral antibiotics depending on suspicion of infection



Modification based on culture results



Adverse effects



Preoperative and intraoperative observations can guide surgeons in deciding the postoperative antibiotic therapy without culture results in a majority of cases



Accurate anticipation of culture results in 75% of cases

Factors significantly associated with the initiation of IV antibiotics



Male sex



History of infection



Intraoperative humeral loosening



Membrane formation



Adverse effects seen in 19% of cases

The Use and Adverse Effects of Oral and Intravenous Antibiotic Administration for Suspected Infection After Revision Shoulder Arthroplasty

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