Reviewer’s report

Title: Lack of microbiological concordance between different-than-bone and bone specimens from patients with bacterial chronic osteomyelitis: observational analysis of 50 cases.

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Reviewer: Dr pablo lew

Level of interest: A paper of limited interest

Advice on publication: Unable to decide on acceptance or rejection until the authors have responded to the compulsory revisions

Article:

Lack of microbiological concordance between different than bone and bone specimens from patients with bacteria chronic osteomyelitis: observational analysis of 50 cases.

By A Zuluaga and al

Idea: very interesting and clinically important

Methodology: 1. Problems as explained below.
2. Comparison between very different specimens (plain tissue versus bone).

Important further points:

What is the definition of chronic osteomyelitis?

A very interesting patient population is missing: diabetic foot infection

A mixture of patients (patients with and without antibiotics knowing that the presence of antibiotics will profoundly affect the culture result)

Missing values and a better definition of Coagulase Negative Staphylococcus and Propionobacter infections.

Results: Difficult to follow

The biopsies should be classified according to the presence of antibiotics and length of evolution.
To verify if patients under antibiotic therapy, length of antibiotic therapy, type of antibiotic correlate well or not to the presence of antimicrobial resistance.

Discussion: A summary of work and other papers on the subject under discussion and not discussion of case-by-case is necessary. We noticed that several important references are missing including:


2) LipsKy: Osteomyelitis of the foot in diabetics patients CID 97 (25) P 348

Competing interests:

None declared.