Reviewer's report

Title: Multiresistant-MRSA tricuspid valve infective endocarditis with ancient osteomyelitis locus

Version: Date: 11 March 2006

Reviewer: Patricia Brown

Reviewer's report:

General
The authors report a case of MRSA tricuspid valve infective endocarditis, apparently arising from a prior (since MRSA had been isolated 7 months prior, I would not call it "ancient") focus of osteomyelitis complicated by septic pulmonary emboli and persistent bacteremia despite multiple antibiotics.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

1. The terms "mutiresistent" and "low grade sensitivity" suggest to the reader, in vitro resistance or decreased susceptibility to antibiotics, not clinically resistant to therapy. What was the MIC data for the isolate to the various antimicrobials utilized as well as to other commonly used anti-staphylococcal antibiotics? Did MICs change in subsequent isolates recovered during treatment?
2. What additional evaluation was pursued to look for a source of persistent sepsis (e.g. CT abdomen to evaluate for splenic abscess)?
3. As the authors suggest, TV endocarditis is unusual in non-injection drug users. Did the patient ever have long-term right sided catheters that might have traumatized the TV and served as the nidus for infection?
4. The authors need to include a more thorough review of what is known regarding the duration of bacteremia in patients with right-sided endocardiditis.
5. The manuscript requires extensive editing for grammar, spelling and syntax.
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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

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Discretionary Revisions (which the author can choose to ignore)

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What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

Statistical review: No

Declaration of competing interests:
I have no competing interests regarding this publication