Reviewer's report

**Title:** Stenotrophomonas maltophilia prosthetic valve endocarditis: Case report.

**Version:** 2  **Date:** 2 November 2007

**Reviewer:** Nancy Crum-Cianflone

I am familiar with the literature and believe that this case meets one of the 7 criteria for evaluation in the journal: Unexpected or unusual presentations of a disease

**Has the case been reported coherently?:** No

**Is the case report authentic?:** Yes

**Is this case worth reporting?:** No

**Is the case report persuasive?:** Yes

**Does the case report have explanatory value?:** Yes

**Does the case report have diagnostic value?:** No

**Will the case report make a difference to clinical practice?:** No

**Comments to authors:**

**General**

The authors report a single case of Stenotrophomonas endocarditis and provide a literature review. A total of 29 cases were reviewed with a similar findings to an article published in 2002 with 26 cases.

Revisions necessary for publication

Grammatical errors and spelling mistakes require correction. In addition, attention to the use of accurate medical terminology should be addressed. For instance, “a venous line infection” should be replaced by “an indwelling catheter”, and “large-spectrum” with “broad-spectrum”. Phrases such as “pyrexia was obtained” (p 4) are confusing.

Introduction: The first sentence requires a reference(s)

Case presentation: “She was pregnant and three days after delivery” requires revision.

What does valve desinsertion mean?
Gentamicin is misspelled.

What does imipenem associated with gentamicin mean? Simply state that imipenem and gentamicin were administered.

What do “per os after apyrexia” mean?

Define mg/j

Pg 5: Ceftazidime and cefepime are frequently effective against Stenotrophomonas; however, the authors state that cephalosporins and anti-Pseudomonal drugs are not useful. This requires revision.

Table: Each case reported should be appropriately referenced. Why is reference 6 listed for all the cases in the table?

**What next?:** Reject

**Quality of written English:** Needs some language corrections before being published