Reviewer's report

Title: Lower respiratory tract infection and rapid expansion of an abdominal aortic aneurysm: A case report

Version: 2 Date: 18 March 2010

Reviewer: john Harris

Which of the following following best describes what type of case report this is?: New associations or variations in disease processes

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: No

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: No

Does the case report have diagnostic value?: No

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

1. This case report is well written and should be of interest to vascular surgeons and chest physicians.

2. If the authors claim an association between pulmonary sepsis and rapid expansion of the aortic aneurysm, this should be indicated in the abstract, as should their summary statement to monitor such patients.

3. What evidence to the authors have to indicate that the rapid expansion was related to the pulmonary sepsis rather than simply evolving rupture?

4. Why was an aorto uni-iliac rather than a bifurcated endovascular repair done?

5. Figures 1 & 3 should include the measurement marker to confirm an increase
from 6.1cm to 7.1cm

**Quality of written English:** Acceptable

**Declaration of competing interests:**

'I declare that I have no competing interests'