Reviewer's report

Title: Acute necrotizing pneumonia combined with parapneumonic effusion caused by Mycobacterium lentiflavum: A case report

Version: 2 Date: 30 March 2015

Reviewer: Melissa Nyendak

Reviewer's report:

Drs. Lee et al. provide us with important, additional evidence on the role of M. lentiflavum as an important emerging NTM. My comments largely reflect the need for additional editing. Some additional background on the patient described would also strengthen this manuscript.

Major Compulsory Revisions

Line 79-80: Sentence construction - consider, because like other NTM, M. lentiflavum is often isolated fortuitously, the clinical significance must be carefully considered.

Line 85-86: Sentence construction: consider, however, there are FEW reports on M. lentiflavum as a cause for pulmonary disease and to date, it has rarely been described in immunocompetent patients....

Rationale for changing to rarely described - your reference number 10; case 3 describes I think an immune competent man, smoker with pleural disease - so I am wondering if it has never been described in IC patients? Ref #9, Molteni, EID 2005 for pneumo as well in IC patient

Line 99: 'On' physical exam,

General comments on case: I would like a little more history on this gentleman - did he smoke, prior history of Mtb or other reasons for parenchymal lung disease at baseline? Was he HIV negative? What was his occupation (mining? etc)

In the discussion - please comment on why you think his symptoms started to resolve by HD 7 on aztreonam and metronidazole; this suggests that he may have had superinfection or coinfection with M. lentiflavum? Was he pre treated with any antibiotics that would have negated bacterial cultures?

Minor Essential Revisions

Line 148: Sentence construction needs to be checked.

Line 172: Sentence construction needs to be checked

Line 156: Word choice, 'forcefully'

Discretionary Revisions
None

**Level of interest:** An article whose findings are important to those with closely related research interests

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

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**
I declare that I have no competing interests