Reviewer's report

Title: A rapidly progressing Pancoast syndrome due to pulmonary mucormycosis: a case report

Version: 2 Date: 19 May 2011

Reviewer: Ronen Ben-Ami

Which of the following best describes what type of case report this is?: Unexpected or unusual presentations of a disease

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?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

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

Is the anonymity of the patient protected?: Yes

Comments to authors:

1. Pg 5 Para 1: describe what form of amphotericin B was used (deoxycholate or a lipid formulation) and at what dose.

2. It is casually mentioned that voriconazole prophylaxis has been linked to mucormycosis (reference 9). As this patient was receiving voriconazole prophylaxis at the time when he developed the Pancoast syndrome, this association is worth emphasizing.

3. Correct spelling errors: “medical”, Pg 3 Para 2; “started”, Pg 4 Para 1; “bronchogenic”; Pg 6 Para 1.

4. On Pg 5 Para 1, it is appropriate to describe the patient’s death here rather than leave off as he enters multorgan failure.
5. Reference 7 is missing year, volume and page numbers.

6. Pg 6 Para 2: the genus Allescheria is obsolete, and is now called Pseudoallescheria.

**Quality of written English:** Acceptable

**Declaration of competing interests:**

I received consulting fees and research support from Pfizer, Inc.