Reviewer's report

Title: Proven invasive pulmonary mucormycosis in patient with acute myeloblastic leukemia successfully treated with amphotericin B and surgery

Version: 1 Date: 28 May 2013

Reviewer: Hugo Bonatti

Which of the following best describes what type of case report this is?: Presentations, diagnoses and/or management of new and emerging diseases

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:

this is an interesting case and may be interesting for the journal; however, the work needs some revision and some essential data are missing; in general
1.) all doses of applied drugs must be given;
2.) the paper should be revised by a native English speaker

Abstract
doses of drugs,
2nd paragraph: delete reporting by pathologist; last sentence what method was
used to identify Rhizopus;
3rd paragraph: move "Patient remained in complete....to 2nd paragraph; make your conclusion sentence more precise

Introduction
add amongst others to last sentence

Case presentation
use chest x-ray; use intravenously instead of parenteral; use bone marrow biopsy instead of myelogram; was the patient discharged after 1st hospitalization on antifungals?
use English terms....superior vena cava, inferior vena cava, azygos vein.....
do not use by a mycology expert....you can say retesting in a reference laboratory instead; use chest CT-scan
during third hospitalization: state of shock? was this hemorrhagic or septic shock? next sentence just state....The patient was successfully resuscitated.
the statement ....as a treatment of pulmonary IMM according to.....should be moved to discussion;
not sure where the discussion starts...I assume the first sentence is IMM has emerged as the third most common.....please change headers;
Sentence....The early, adequate and multidisciplinary...... is unclear: please rephrase;
Sentence: The revision of histology slides.....please rephrase....maybe ....requires a well trained mycologist with a well equipped laboratory

References are acceptable.....you could briefly comment on other cases of IMM where combined surgical and antifungal therapy was successful;
figures are good

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

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