Reviewer’s report

**Title:** Oxygen supplementation facilitating successful prosthetic fitting and rehabilitation of a trans-tibial (below knee) amputee with severe chronic obstructive pulmonary disease

**Version:** 2  **Date:** 5 September 2010

**Reviewer:** Fildissis George

Which of the following following best describes what type of case report this is?: An unexpected event in the course of observing or treating a patient

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?: 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 case report presents a successful rehabilitation of a patient with limb prosthesis due to right transtibial amputation. The patient’s medical history included significant comorbidities such as type II DM, smoking history and severe hypoxemic COPD.

The rehabilitation program included among others supplemental oxygen delivery and optimization of COPD with inhaled bronchodilators. It is very important to emphasize that, in compromised patients suffering an acute insult (in this case an amputation of the infected foot), optimization of the supportive therapy for all comorbidities should be implemented. Certainly, avoiding hypoxia is crucial in situations with increased oxygen consumption.
As a clinician, I think that this case report gives us a clear message: do not refuse to treat these patients suffering significant medical problems, while they are experiencing a critical situation of their life. Hence, reviewer’s personal opinion is that the paper must be accepted with minor revisions.

In page 4, the author presents the sequence of the events regarding present history which may be confusing to the readers. I think that the sequence of the sentences 2, 3, 4, and 5 should be rewritten as follows:

2nd sentence. In Marz 2007…..
3rd sentence. Four months later…..
4th sentence. The patient underwent right transtibial amputation in August 2007…
5th sentence. This was followed by …in November 2007.

Thank you

**Quality of written English: Acceptable**

**Declaration of competing interests:**

I declare that I have no competing interest