Reviewer’s report

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

Version: 1 Date: 28 August 2010

Reviewer: Anton Johannesson

Which of the following following best describes what type of case report this is?: Findings that shed new light on the possible pathogenesis of a disease or an adverse effect

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:

General comments:
This paper presents new possibilities in the care of the dysvascular transtibial amputee with severe pulmonary disorders who otherwise often are not rehabilitated and consequently not fitted with prosthesis.

Revisions necessary for publication:
The Abstract is consisted. However, the description of the prosthesis could be shorter. “She was custom fitted with a trans-tibial prosthesis”.

Introduction:
Peripheral vascular disease accounts for over 90% of all amputation and more than half occur in people diagnosed with diabetes [4].

In the following line “Dysvascular amputation accounted for 82%... It is unnecessary with both these references. My recommendation is to change it.

Suggestion:

Increases in amputation rate can be expected as both the number of diabetes patients and the number of elderly in general population is rising, with estimated five year survival after amputation of 30 – 40% [1].

Case Report:

The patients underwent amputation in August 2007. So the years when the bypass surgery and the stent placement was performed must have been 2006, or??

Second part, line 4. Change to “Residual limb length was 5 cm...”

Third part. How long time went from amputation to delivery of the prosthesis?

Line 13. Take out “right”.

More detail description is needed about the prosthesis. Was it a silicone liner, thermoplastic or something else??

Suggestion: Ask the prosthetist of detail description of the prosthesis.

Discussion:

First part, first line. For me “excellent” is to strong word. My suggestion is to change it to “good” and end this part with something about what see was able to do, e.g. living in here own house and/or participating in the household work....

Conclusion:

No comments.

**Quality of written English: Acceptable**