Reviewer's report

Title: Revision of Reversed Total Shoulder Arthroplasty. Indications and Outcome

Version: 2 Date: 8 January 2012

Reviewer: filippo castoldi

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Revision of Reversed Total Shoulder Arthroplasty. Indications and Outcome

Complications of Reversed Total Shoulder Arthroplasty (RTSA) are well described but the results of the revisions are still in discussion because of heterogeneous literature.

For this reason, while the general subject of this study, indications and outcome of revision, is important, the manuscript is not very carefully put together; it is a bit of a chore for the reader to get through it and find the authors' message. It is difficult to follow the manuscript, especially in the Methods and Results. In addition, minor English grammatical mistakes should be eliminated.

The specific comments below raise some issues that make it difficult to fairly assess the work. It is suggested that the authors put together a more cohesive piece of work that emphasizes the contribution of the study and how it differs from other related studies in the literature

Specific Comments:

Methods: More information and more clear details about the selection method of patients would be helpful. From 480 consecutively implanted RTSA the Authors selects 96 Patients and at the end 31.

For example:
“For assessment of outcome, the 37 patients with a follow- up of more than 2 years after the first revision were contacted....”
“.......Six patients could not be personally reviewed.... “ Are they lost? So the patient aren’t 37 but 31.

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Results

“Subgroups were formed to analyze patients with the most common indications for revision.....” Which one soubgroups?
The description of the results follow these subgroups? It is not clear.

There is a paragraph about the instability treatment, one about infection, and what about the other complications? It should be better to reorganize the work. It would be helpful for the reader.

**Level of interest:** An article of limited interest

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

**Statistical review:** Yes, and I have assessed the statistics in my report.