Reviewer's report

**Title:** Outcome of clavicle bone cement prosthesis for reconstruction of bone defect after tumor resection in five cases: a case series study

**Version:** 5  
**Date:** 20 December 2013

**Reviewer:** Barbara Rossi

**Reviewer's report:**

**Major Compulsory Revisions:**
1. Partial or total cleidectomy is associated with adequate shoulder mobility and mild functional deficit. Therefore, the extent of clavicle excision during tumour removal does not seem to determine the functional outcome of the affected shoulder. However, the authors describe an interesting method for reconstruction. The functional and aesthetic advantages should be highlighted against the fearful risk of infections and wound complications in a such superficial localisation. This issue should be remarked in the discussion.

2. I found the manuscript very difficult to read with many sections in which the English grammar and usage were awkward. To ensure it is clearly understood, the manuscript requires editing by a native English speaker or someone fluent in scientific writing in English to make certain that the material is presented clearly and succinctly.

3. In the case series an osteochondroma is included, but it is not a malignant tumor... probably, do the authors mean peripheral chondrosarcoma?

4. As it seems that the authors utilise the same procedure of reconstruction described by Vartarian, this method of reconstruction should be more extensively laid out in the introduction.

5. The use of antibiotic prophylaxis and cement with antibiotics should be mentioned in patients and methods and then discussed in relation to the outcomes (no postoperative infections reported)

**Minor Essential Revisions:**
1. The word "detect" in the title and all along the manuscript should be changed in "defect". Moreover the number of cases described should not be mentioned in the title.

2. Many spelling, typographical, grammatical and punctuation errors have to be corrected. Sentences are too long (introduction -third sentence, discussion- first paragraph).

3. The first name (Barbara) of the author Rossi should be removed.

4. More extensive figure legends should be provided

**Discretionary Revisions**
Level of interest: An article whose findings are important to those with closely related research interests

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

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests in my revision