Reviewer's report

Title: Long-Term Functional Outcome and Quality of Life following Rotationplasty for Treatment of Malignant Bone Tumors

Version: 2 Date: 12 March 2015

Reviewer: Andreas F Mavrogenis

Reviewer's report:

Thank you for inviting me to review this study on QoL of patients with rotationplasty. I congratulate the authors for their management and study. I have some minor comments:

Abstract: lines 50-51: probably it is a typing error. Conclusion: please revise as per your conclusions.

Introduction: the first 2 paragraphs read as for the reconstructions and complications, however, the rationale is for function. Therefore, the text should be revised as for the function of the different reconstruction/amputation methods.

Materials-Subjects: please add a paragraph regarding the indications of rotationplasty, with appropriate citations.

Discussion: please shorten to 2/3. Please add a paragraph regarding how these patients differ and why they do better than typical amputees. Ideally, the study should have included a cohort of patients with amputation around the knee for tumors.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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'