Reviewer’s report

Title: A multiplanar complex resection of a low-grade chondrosarcoma of the distal femur guided by K-wires previously inserted under CT-guide: a case report

Version: 3 Date: 8 March 2014

Reviewer: Dirk Zajonz

Reviewer’s report:

As requested the paper was formatted as case report. It described the resection of low-grade chondrosarcoma after K-wire positioning under CT-navigation.

1. Interesting for readership is the importance of a MRI-scan before K-wire positioning and performed surgery. The author’s already observed that "Wide surgery can cause an important loss of function due to ligaments, muscles, tendons and neurovascular bundles that can be involved in resection." MRI is especially in soft tissue diagnostic more efficient than CT. Was a MRI Scan performed? (Minor Essential Revisions)

2. What are the findings of the whole-body stating. (Discretionary Revisions)

3. Also interesting is the histological result of the operation. Were the resection margins free of tumor. (R0-resection) (Minor Essential Revisions)

4. For a better visualization, the K-wires in figure 3 should be marked. (Discretionary Revisions)

In summary the case findings are interesting to those with closely related to oncological orthopaedic surgery an should be accepted after minor essential revisions.

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

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