Reviewer's report

Title: Risk factors for rod fracture after posterior correction of adult spinal deformity with osteotomy: a retrospective case-series

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Reviewer: Anastasios Christodoulou

Reviewer's report:

Accepting the statistical results, the article is of some importance regarding the answers that a spinal surgeon may receive. I have two comments to make;

1. What is the benefit of bone grafting [autografts or other types]. Bone grafting has not been mentioned at all. If there has been used, what was its influence to the bony fusion and finally the long term protection to the metal work from failure?

2. Do the authors have to propose a reliable method of early recognition of pseudarthrosis before metal work failure?

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

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

NO COMPETING INTEREST