Reviewer’s report

Title: The patterns of loss of correction after posterior wedge osteotomy in ankylosing spondylitis-related thoracolumbar kyphosis: a minimum of five-year follow-up

Version: 0 Date: 05 Aug 2017

Reviewer: Takahashi Jun

Reviewer’s report:

1) This study shows excellent middle-term surgical results for extremely difficult cases.

Please describe the measures taken to prevent pseudarthrosis.

Please also specify the following.

- The diameter and material of rods used.
- Were there special precautions for use of bone grafts? Was iliac bone or artificial bone used? If artificial bone was used, please specify the type.

2) Please describe the type and duration of use of postoperative external fixation.

3) Please describe postoperative lifestyle guidance.

- Was heavy lifting prohibited?

If yes, describe the duration and weight limitations.

- Was farm work or heavy labor determined on an individualized basis?

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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