

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 72454

Title: Total femur replacement: A case report with 18 years of follow-up and a literature review

Provenance and peer review: Unsolicited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02719046

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Tunisia

Author's Country/Territory: China

Manuscript submission date: 2021-10-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-17 10:25

Reviewer performed review: 2021-10-17 19:26

Review time: 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

In this manuscript, the authors report an interesting case report about total femoral replacement in a 15-year-old patient with osteosarcoma. This is a quite well-written manuscript and the authors made a respectable effort. This manuscript represents a useful contribution to the medical literature. A histological figure of the femoral osteosarcoma is mandatory and the authors should mention the histological subtype of this osteosarcoma according to the WHO classification of bone tumors. In fact, prognosis is variable according to the histological subtype of osteosarcoma. The table must be in landscape orientation so as to be able to read the last columns. The references are quite recent and appropriate.

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Provenance and peer review: Unsolicited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00738709

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-10-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-17 12:38

Reviewer performed review: 2021-11-01 03:04

Review time: 14 Days and 14 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This article reported a case of femoral osteosarcoma that received total femur replacement and followed long term, and the authors added the literature review concerning total femur replacement. As the authors mentioned in page 3 (Background), total femur replacement has a history of nearly 50 years. Although the number of patients who received total femur replacement is small, the surgical procedure and outcome are already established. Therefore, I think this paper does not add any new information to the existing knowledge. Minor points There are some sentences that I could not understand the meaning. 1. Page 3, Line 71: “only hip fracture or hemipelvic amputation can be performed”. 2. Page 3, Line 96: “interventricular resection of osteosarcoma”.