

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 64320

Title: Thromboelastography in elective total hip arthroplasty

Reviewer's code: 05610821

Position: Peer Reviewer

Academic degree: MD

Professional title: Surgeon, Surgical Oncologist

Reviewer's Country/Territory: Italy

Author's Country/Territory: Australia

Manuscript submission date: 2021-02-15

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-16 19:46

Reviewer performed review: 2021-04-21 08:29

Review time: 4 Days and 12 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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I read with great interest the paper by Lloyd-Donald et al. The authors present a retrospective analysis assessing coagulation status by thromboelastography (TEG) in 52 patients undergoing total hip arthroplasty. The topic is of interest and the paper and the reading is enjoyable. My main concern is regarding the sample number, only 52 patients were enrolled, and given the retrospective nature of the study it would be easy to collect more patients. Other minor concerns are as follow: - I would like to know at least the protocol behind the choice between general or spinal anesthesia. - The author stated that the study was not designed to investigate clinical outcomes or incidence of venous thromboembolic events, but it would be interesting to at least see mentioned these data, as they are the final endpoint of the topic - in the results section the authors stated that 52 patients were enrolled, it would be interesting to know how many patients were excluded for the absence of TEG or any other reason. - in the result section, the authors stated that there were no differences in in patient weight nor sex based on type of anaesthetic used. I would suggest to consider other factor in the analysis, to better describe the two population, such as ASA class. - lines 19-21 of page 3 and the whole page 4, describing study design and aims, should be placed in methods section.

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 64320

Title: Thromboelastography in elective total hip arthroplasty

Reviewer's code: 05821532

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Senior Scientist

Reviewer's Country/Territory: China

Author's Country/Territory: Australia

Manuscript submission date: 2021-02-15

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-16 08:01

Reviewer performed review: 2021-04-25 09:13

Review time: 9 Days and 1 Hour

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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

see attachment、