

PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 70579

Title: Functional and radiological outcomes of different pin configuration for displaced pediatric supracondylar humeral fracture: A retrospective cohort study

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03518978

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: Jordan

Manuscript submission date: 2021-08-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-12 02:05

Reviewer performed review: 2021-08-12 02:06

Review time: 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 Grade E: Do not publish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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

Re: Functional and radiological Outcome of different pin configuration for displaced pediatric supracondylar humeral fracture: a retrospective cohort study This study compared the functional and radiological outcomes of pediatric supracondylar humeral fractures treated with closed reduction and crossed pinning fixation versus lateral pinning fixation. It has been found that there was no statistical difference both groups with no statistical difference regarding Mayo Elbow Performance Scores (MEPS) and Baumann angle. Generally, this is an interesting study. It has relevance to sufficient clinical practice. However, there are a few concerns that need to be addressed: 1. There was not enough evidence to draw conclusion “equal biomechanical stability” between the two configurations. 2. The sample size of cross pin group was relatively small. 3. There were significant different number or ratio for the fracture types between two groups. 4. How long did each group follow-up?

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Title: Functional and radiological outcomes of different pin configuration for displaced pediatric supracondylar humeral fracture: A retrospective cohort study

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03708686

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: Jordan

Manuscript submission date: 2021-08-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-07 12:53

Reviewer performed review: 2021-08-15 11:26

Review time: 7 Days and 22 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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 study compared the functional and radiological outcomes of pediatric supracondylar humeral fractures treated with closed reduction and crossed pinning fixation versus lateral pinning fixation. It has been found that there was no statistical difference both groups with no statistical difference regarding Mayo Elbow Performance Scores (MEPS) and Baumann angle. Generally, this is an interesting study. It has relevance to sufficient clinical practice. However, there are a few concerns that need to be addressed: 1. There was not enough evidence to draw conclusion “equal biomechanical stability” between the two configurations. 2. The sample size of cross pin group was relatively small. 3. There were significant different number or ratio for the fracture types between two groups. 4. How long did each group follow-up?