

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Orthopedics

**Manuscript NO:** 41636

**Title:** Humeral retroversion and shoulder muscle changes in infants with internal rotation contractures following brachial plexus birth palsy

**Reviewer's code:** 03516969

**Reviewer's country:** New Zealand

**Science editor:** Ying Dou

**Date sent for review:** 2018-09-12

**Date reviewed:** 2018-09-14

**Review time:** 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

**Title:** Humeral retroversion and shoulder muscle changes in infants with internal rotation contractures following Neonatal Brachial Plexus Palsy. **Synopsis:** Retrospective comparative MRI study. **Abstract:** The study examines humeral



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retroversion in infants post neonatal brachial plexus palsy plus internal rotation contracture. Introduction: Methods: 35 infants had MRI scans involving both shoulders after each had sustained a neonatal brachial plexus palsy. Retroversion of the humeral head was measured relative to the transepicondylar axis. The CSA of both infra-spinatur and subscapularis muscles were measured on MRI. Statistics: Fine. Results: There was significantly reduced humeral retroversion on the affected side compared to the other shoulder. Furthermore the CSA of both rotator cuff muscles measured were significantly reduced. Discussion:. Please rewrite this section. The structure should be a short summary of your results (no more than 8 lines including the retroversion and muscle findings), comparison of your results to published results in terms of your main variables of interest then discuss the strengths and limitations of the study. Please comment more on the clinical relevance from this study's results. Figures/Tables: Good quality Conclusions: OK Overall decision: This is an interesting study clearly set out and completed. Accept with minor revisions.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

### *BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism



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[ Y ] No

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**Name of journal:** World Journal of Orthopedics

**Manuscript NO:** 41636

**Title:** Humeral retroversion and shoulder muscle changes in infants with internal rotation contractures following brachial plexus birth palsy

**Reviewer's code:** 02444715

**Reviewer's country:** Egypt

**Science editor:** Ying Dou

**Date sent for review:** 2018-09-25

**Date reviewed:** 2018-09-25

**Review time:** 3 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

the paper : Humeral retroversion and shoulder muscle changes in infants with internal rotation contractures following Neonatal Brachial Plexus Palsy. is well written and interesting paper The data presented support many previous papers but still worth



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- ☐ No