

## PEER-REVIEW REPORT

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

**Manuscript NO:** 39102

**Title:** Assessment of palmar subcutaneous tissue vascularization in patients with Dupuytren's contracture

**Reviewer's code:** 00289387

**Reviewer's country:** China

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-04-21

**Date reviewed:** 2018-05-04

**Review time:** 12 Days

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:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input checked="" 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 checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

This is an interesting study that analyzed the vascularization of palmer subcutaneous tissue in different ages of patients with Dupuytren's contracture. The results involving clinical disease characteristics and pathologic staining basically supported the



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conclusion that old patients developed high levels of dysfunctional vascularization relative to young patients. In general, the overall flow of this study with relatively sufficient data is acceptable for this journal, but there are a few concerns needed to be addressed and corrected prior to consideration of acceptance. Scientific writing is highly recommended although it has somehow worked with English editing. Many places of description are meaningless or incorrect wording; for example, smooth myocytes (? smooth muscle cells), “old” internal elastic membrane (?present), “numerical and volumetric” density (?high, extensive). In addition, in the Figure 3 and the text, authors mentioned inflammatory cells, macrophages, lymphocytes, fibroblasts etc in H & E staining. Without IHC staining, how the authors can make discrimination from each other? Therefore, IHC with specific markers are needed for the study.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No