

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 32806

Title: The hypothenar fat pad flap vs conventional open release in primary carpal tunnel syndrome: A randomized controlled trial.

Reviewer's code: 01220036

Reviewer's country: United States

Science editor: Li-Jun Cui

Date sent for review: 2017-02-02

Date reviewed: 2017-02-11

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

as above

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 32806

Title: The hypothenar fat pad flap vs conventional open release in primary carpal tunnel syndrome: A randomized controlled trial.

Reviewer's code: 03677503

Reviewer's country: Greece

Science editor: Li-Jun Cui

Date sent for review: 2017-06-05

Date reviewed: 2017-06-06

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Thank you for inviting me to review this interesting study on carpal tunnel surgery. I believe the study would be useful for the readers of the journal. These are my comments: Introduction: please focus on the topic (to my opinion, the paper should start on the fourth paragraph of the section; types of treatments should be included instead). Please clarify the novelty of the study; how does this study add to current literature, and what is new with this study? Materials: Please clarify the indications for each type of surgery. How did the patients consent to HTFPF compared to the classic surgery? Illustrations at each step would be useful. Results: I would summarize the last paragraph as complications. Discussion: I would add the complications of each type of surgery. I would enrich the literature (consider adding information from the study Eur J Orthop Surg Traumatol (2009) 19: 11. doi:10.1007/s00590-008-0368-8). Discussion: please expand on the role of imaging (ultrasound) for diagnosis of carpal tunnel surgery compared to EMG. The plots do not add to the manuscript.

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 32806

Title: The hypothenar fat pad flap vs conventional open release in primary carpal tunnel syndrome: A randomized controlled trial.

Reviewer's code: 00501340

Reviewer's country: Greece

Science editor: Li-Jun Cui

Date sent for review: 2017-06-05

Date reviewed: 2017-06-06

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

It is a well presented prospective randomized controlled trial comparing the hypothenar fat pad flap with conventional open techniques for carpal tunnel syndrome. The authors report no significant difference between the different techniques after 12 weeks postoperatively despite the provision of a well vascularized flap using HTFPF technique. The introduction and methodology were very well written and explicitly explained. In the results section: Did anyone of the patient need revision surgery? Moreover, in the discussion section it would be helpful to make a more extensive reference to the indications of such flaps as HTFPF and how often they are used in everyday practice for primary carpal tunnel release. Finally, some minor changes as far as it concerns the grammar need to be done.

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 32806

Title: The hypothenar fat pad flap vs conventional open release in primary carpal tunnel syndrome: A randomized controlled trial.

Reviewer's code: 02705200

Reviewer's country: Bulgaria

Science editor: Li-Jun Cui

Date sent for review: 2017-06-05

Date reviewed: 2017-06-07

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

First of all, I would like to say that the authors present excellent study. I hope my proposals, if accepted to make the article better. Title Good. Abstract Good Introduction The authors need to include the sentence as: Compression neuropathies at the wrist are frequent and they can be provoked by ganglia, neoplastic masses, vascular abnormalities, ligamentous attachments, and also different various structures (anomalous muscles, bifid median nerve, persistent median artery)". To my opinion the anatomical works describing different variations could be included. I propose the works: Georgiev GP, Jelev L (2009). Unusual coexistence of a variant abductor digiti minimi and reversed palmaris longus and their possible relation to median and ulnar nerves entrapment at the wrist. Romanian Journal of Morphology and Embryology 50(4):725-727. Jelev L, Georgiev GP (2011) A rare case of superficial median artery of high brachial origin: anatomical and clinical considerations of the superficial brachiomedian artery. Anatomy (International Journal of Experimental and Clinical

Anatomy) 5: 39-43 Slavchev SA, Georgiev GP. (2013) Aberrant abductor digiti minimi muscle found during open surgical decompression of the carpal tunnel: case report. *Revista Argentina de Anatomía Clínica*, 5(2): 88-91. Georgiev GP, Slavchev SA, Dimitrova IN, Landzhov B. (2015) Bifid median nerve in the Bulgarian population: an anatomical and clinical study. *Advances in Anatomy*, Article ID 191749, 4 pages. Results Well presented. Do the authors find any anatomical variations or benign masses to provoke such compression in their study? Discussion Well presented. Please discuss if presence of anatomical variations or benign masses how could they impede the clinical result and the used techniques.