

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 41783

Title: Relationship between sonographically measured Median nerve cross sectional area and presence of peripheral neuropathy in diabetic subjects

Reviewer's code: 00646357

Reviewer's country: Egypt

Science editor: Fang-Fang Ji

Date sent for review: 2018-09-26

Date reviewed: 2018-09-26

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:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input 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 checked="" 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

-Add the unique of this study compared to other studies discuss the same issue. -Add more on the basic of this disease in the introduction -Discus role of diffusion MR imaging in assessment of nerves and diabetic using these ref -Razek AA, Shabana AA, El



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Saied TO, Alrefey N. Diffusion tensor imaging of mild-moderate carpal tunnel syndrome: correlation with nerve conduction study and clinical tests. Clin Rheumatol 2017;36:2319-2324. -Razek AAA. Ashmalla G. Assessment of paraspinal neurogenic tumors with diffusion-weighted MR imaging. Eur Spine J 2018;27:841-846. -Abdel Razek A, Samir S. Diagnostic performance of diffusion-weighted MR imaging in differentiation of diabetic osteoarthropathy and osteomyelitis in diabetic foot. Eur J Radiol 2017;89:221-225. -Add limitation of this study -Discuss merits and limitation of ultrasound using this ref Razek AA, Fouda NS, Elmetwaley N, Elbogdady E. Sonography of the knee joint. J Ultrasound 2009;12:53-60. -English language correction through the manuscript -Update of references as most of references are old

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

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 41783

Title: Relationship between sonographically measured Median nerve cross sectional area and presence of peripheral neuropathy in diabetic subjects

Reviewer's code: 03469734

Reviewer's country: Turkey

Science editor: Fang-Fang Ji

Date sent for review: 2018-10-23

Date reviewed: 2018-10-27

Review time: 4 Days

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 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 type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Diabetic neuropathy is very well defined and includes a very broad spectrum. The idea of using something as diagnostic as usg, apart from examination, EMG and screening tests is very nice. Nevertheless worthwhile to mention some of my thoughts and I would

like to ask the author to several things: As we know that the duration of the disease increases and the sugar level is not controlled, the frequency of neuropathy is increasing (MG Senol, M Saracoglu. Significance of neuropathy symptom and disability scores in the diagnosis of neuropathy in diabetic patients *Neurology Psychiatry and Brain Research* 14 (2), 45-50). First of all, you are saying that you cannot find a correlation between MN and disease duration, FBG, HbA1c level. Isn't this a contradictory situation? When MN CSA is compared with those with and without neuropathy, there is a statistically very low difference. Can we say it wasn't a sensitive study? The median nerve we evaluated with usg is a thick peripheral nerve. Is that in patients with small fiber neuropathy that may be of value? If we had done this study together with NCS (nerve conduction study), could we have evaluated the subclinical neuropathies?

INITIAL REVIEW OF THE MANUSCRIPT

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- ☐ No

BPG Search:

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- ☐ Plagiarism
- ☐ No