

PEER-REVIEW REPORT

Name of journal: World Journal of Anesthesiology

Manuscript NO: 40663

Title: Current challenges in diagnosis of lumbar radiculopathy

Reviewer's code: 02454185

Reviewer's country: China

Science editor: Li-Jun Cui

Date sent for review: 2018-07-03

Date reviewed: 2018-07-03

Review time: 1 Hour

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 checked="" 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
<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 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

This is a editorial focusing on the authors' own previous work. I have no comments on the content of the editorial, but suggest the author to add a section focusing on the diagnosis of lumbar radiculopathy by using prediction model. in all the tools discussed in the editorial, the authors reported tools alone for their diagnostic performance.



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However, do you think the combination of clinical signs and symptoms and imaging study results can help to improve the diagnostic performance? may be a scoring system or a model-based nomogram can be helpful in this situation. I SUGGEST the authors add a section for this discussion and cite some useful reference (for scoring system: Ann Transl Med. 2017 Nov;5(21):436. doi: 10.21037/atm.2017.08.22. for model-based nomogram: Ann Transl Med. 2017 May;5(10):211. doi: 10.21037/atm.2017.04.01.)

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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

PEER-REVIEW REPORT

Name of journal: World Journal of Anesthesiology

Manuscript NO: 40663

Title: Current challenges in diagnosis of lumbar radiculopathy

Reviewer's code: 00526025

Reviewer's country: Japan

Science editor: Li-Jun Cui

Date sent for review: 2018-07-03

Date reviewed: 2018-07-10

Review time: 6 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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input 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
<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 type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I think the manuscript is concise and very informative to all physicians. I have only one suggestion for the authors. If the authors could make a table showing sensitivity and specificity of each diagnostic tool, I would be more informative to readers. END



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INITIAL REVIEW OF THE MANUSCRIPT

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PEER-REVIEW REPORT

Name of journal: World Journal of Anesthesiology

Manuscript NO: 40663

Title: Current challenges in diagnosis of lumbar radiculopathy

Reviewer's code: 00041963

Reviewer's country: Turkey

Science editor: Li-Jun Cui

Date sent for review: 2018-07-03

Date reviewed: 2018-07-20

Review time: 16 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:
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<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" 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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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

1.diagnosis nad radiculopathy should add as a key word

INITIAL REVIEW OF THE MANUSCRIPT

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