



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 45472

Title: Guidance with ultrasound for transforaminal percutaneous endoscopic lumbar discectomy may prevent radiation exposure: A case report

Reviewer's code: 00189260

Reviewer's country: Czech Republic

Science editor: Fang-Fang Ji

Date sent for review: 2019-01-18

Date reviewed: 2019-01-19

Review time: 12 Hours, 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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer's expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This case report is description of new technique. It is interesting way how to reduce dosis.



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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 45472

Title: Guidance with ultrasound for transforaminal percutaneous endoscopic lumbar discectomy may prevent radiation exposure: A case report

Reviewer's code: 02669684

Reviewer's country: Egypt

Science editor: Fang-Fang Ji

Date sent for review: 2019-01-18

Date reviewed: 2019-01-25

Review time: 3 Hours, 7 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input checked="" type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" 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 checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
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SPECIFIC COMMENTS TO AUTHORS

good interesting idea and work, but needs a lot cases to confirm.

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 45472

Title: Guidance with ultrasound for transforaminal percutaneous endoscopic lumbar discectomy may prevent radiation exposure: A case report

Reviewer's code: 03473391

Reviewer's country: China

Science editor: Fang-Fang Ji

Date sent for review: 2019-01-14

Date reviewed: 2019-01-26

Review time: 18 Hours, 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 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 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 manuscript presented a case of 38-year-old male with two levels of LDH who received ultrasound (US)-assisted PELD and yielded good results to prove ultrasound could be used to guide the puncture and cannulation of PELD, which can greatly reduce



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the radiation dose. Overall, this case report is meaningful for clinical use to some extent and this technique will benefit patients with two levels of LDH. There are still some questions need to be answered. 1. The title is too long for a paper. 2. Possible inclusive or exclusive criteria for this technique are meaningful for its widely application in the near future. 3. The language should be improved deeply, there are some obvious mistakes on grammar. 4. The treatment effect of this ultrasound guided techniques should be compared with conventional technique using only X-ray. 5. The structure should be made more clearly. Subtitle may be useful for a better structure (e.g. case report section). 6. The conclusion section is too short, please write more detailed. 7. It is better to add arrows in the figure 1.

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 45472

Title: Guidance with ultrasound for transforaminal percutaneous endoscopic lumbar discectomy may prevent radiation exposure: A case report

Reviewer's code: 02577402

Reviewer's country: China

Science editor: Fang-Fang Ji

Date sent for review: 2019-01-18

Date reviewed: 2019-02-02

Review time: 7 Hours, 15 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 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 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

In this article, the authors presented a case report regarding transforaminal percutaneous endoscopic lumbar discectomy under the guidance of ultrasound. Well written paper. Some problems existed. 1. Title: The title of the article is quite strange



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even if the authors just wanted to use this title to attract eye balls. How can two shots of G-arm fluoroscopy finish two levels of transforaminal PELD? No surgeons involved? Strange title. A title like "Guidance with ultrasound for transforaminal percutaneous endoscopic lumbar discectomy may prevent radiation exposure: case report and literature review" is more suitable. 2. In the abstract: In "Repeated fluoroscopy, with more than 30 radiations on average, is inevitable---", what does "30 radiations" mean? Does it mean 30 shots? 30 Procedures or radiology? Please redefine it or use other words. 3. In the INTRODUCTION section, the authors said that "radiation exposure from PELD may be of concern----". PELD means percutaneous endoscopic lumbar discectomy, and it does necessarily use radiation. The authors should point out that PELD with use of radiation equipment like X-ray or CT or other x-ray related equipment so as to be accurate. 4. In the DISCUSSION, the authors used some citations of others' work. The citation is not in the correct form. When citing others work, please just cite the first author's family name followed by et al if there is more than one author. In the first line of the first passage in the DISCUSSION section, the authors used "Fu G et al. showed that ----". I checked the reference number 6, the first author is Fan G. So, when citing this reference the correct citation should be "Fan et al showed that ----". Another example is in the third passage in the DISCUSSION where the authors cited "Wu RH et al. reported an initial study----". Here the correct form of citation should be "Wu et al reported an initial study----". Please check the whole article and correct all similar problems.

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