

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 90338

Title: Difficult extubation caused by knotting of an epidural catheter:a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02488945

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Lecturer

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2023-11-30

Reviewer chosen by: Lin Zhang

Reviewer accepted review: 2024-01-16 04:13

Reviewer performed review: 2024-01-16 11:49

Review time: 7 Hours

Scientific quality	☐ Grade A: Excellent ☐ Grade B: Very good ☒ Grade C: Good ☐ Grade D: Fair ☐ Grade E: Do not publish
Novelty of this manuscript	☐ Grade A: Excellent ☒ Grade B: Good ☐ Grade C: Fair ☐ Grade D: No novelty
Creativity or innovation of this manuscript	☐ Grade A: Excellent ☒ Grade B: Good ☐ Grade C: Fair ☐ Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	☐ Grade A: Excellent ☒ Grade B: Good ☐ Grade C: Fair ☐ Grade D: No scientific significance
Language quality	☐ Grade A: Priority publishing ☐ Grade B: Minor language polishing ☒ Grade C: A great deal of language polishing ☐ Grade D: Rejection
Conclusion	☐ Accept (High priority) ☐ Accept (General priority) ☒ Minor revision ☐ Major revision ☐ Rejection
Re-review	☐ Yes ☒ No
Peer-reviewer statements	Peer-Review: ☒ Anonymous ☐ Onymous
	Conflicts-of-Interest: ☐ Yes ☒ No

SPECIFIC COMMENTS TO AUTHORS

The case report "Difficult extubation caused by knotting of an epidural catheter: a case report" is not a new report but the method of removal of the catheter seems unique and hence for this reason it may be worth publishing it. However, the script needs to be revised as there are many shortfalls: The language needs polishing and multiple grammatical and typo errors should be corrected. Title: The term "difficult extubation" is misleading and wrong. The title "difficult removal of epidural catheter due to knotting" would be more appropriate or a better title would be "A unique method of removal of knotted lumbar epidural catheter: a case report" Background: Too many complications of epidural catheter insertion have been described. It should be short and to the point. Case Report: BMI in a pregnant patient is irrelevant and should not be mentioned. The insertion of epidural catheter is not described at all. Till what level was the catheter inserted in the first instance and was it pulled out a little before fixing on the skin. What level was it fixed? Was there any resistance while inserting the catheter or while pulling it out to fix? Was any testing with saline done to check the patency before fixing the catheter? These criteria must be described. Also, which brand of epidural catheter was



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used. This is important in case if this script is used for meta-analysis or systematic review. The method for positioning during the removal is described well with diagrams. Discussion: Do mention the incidence of knotting of epidural catheters (0.0015% by McGregor PJ Letter. Anesthesiology 1990; 73:1293) Also 64,4% of knotting occurred in lumbar regions (BrownRA, PolitiVL, Knotting of an epidural catheter: a case report. Can Anaesth Soc J 1979. 26: 142-144) Arrow brand of catheters are known to stretch and break at more times and hence the brand used by the authors should be mentioned. Do mention whether the method described by the authors for the removal was used earlier by anyone or it was a new method used by them for the first time. If so, did they take the help of orthopaedic colleagues or a special lab? Also, need one more section on either Conclusion or recommendation from the author. Mention that the unique method used was especially helpful if the catheter insertion was paramedian.