

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 62081

Title: Effects on newborns of applying bupivacaine combined with different doses of fentanyl for Cesarean Section

Reviewer's code: 05839521

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Thailand

Author's Country/Territory: China

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Reviewer chosen by: Jin-Lei Wang

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This is an interesting study about the bupivacaine combined with fentanyl spinal anesthesia for cesarean section. Cesarean section is increasingly in demand, with the vaginal delivery rate decreasing in recent years. However, the choice of anesthesia for cesarean section is very important. It is necessary that anesthesiologists carefully consider this to select reasonable anesthetic methods and appropriate anesthetic drugs. Few studies report on whether fentanyl enters the blood and affects the safety of newborns. This study detects the concentration of fentanyl in umbilical artery blood using an ELISA kit, and explored the effects of bupivacaine combined with different doses of fentanyl on newborns delivered by cesarean section. Overall, this manuscript is very well written. The study is designed well, and the results are very interesting. Some minor comments: 1. The manuscript requires a minor editing. Some minor language polishing should be corrected. 2. The results are well discussed; however, the limit of the study should be further discussed. 3. Tables should be edited. Some errors should be revised, maybe Chinese characters?