

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 73061

**Title:** Dexmedetomidine in pediatric unilateral internal inguinal ring ligation

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05459416

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Medical Assistant, Research Assistant Professor, Research Associate

**Reviewer's Country/Territory:** Peru

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-11-18

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-12-11 14:07

**Reviewer performed review:** 2021-12-11 20:38

**Review time:** 6 Hours

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 Grade E: Do not publish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



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statements

Conflicts-of-Interest: [ ] Yes [Y] No

#### **SPECIFIC COMMENTS TO AUTHORS**

I suggest to improve language quality. I find some errors in the grammar and syntax. I have no further observations.

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**Title:** Dexmedetomidine in pediatric unilateral internal inguinal ring ligation

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03307766

**Position:** Editorial Board

**Academic degree:** MD, MSc, PhD

**Professional title:** Associate Professor, Director, Doctor

**Reviewer's Country/Territory:** Kazakhstan

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-11-18

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-12-17 03:35

**Reviewer performed review:** 2021-12-17 06:49

**Review time:** 3 Hours

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

Overall, this manuscript is written appropriately, and the conclusions are consistent with the results, without any apparent attempt by the authors to inappropriately stress some aspects. Actually, the authors should better emphasize what is the main point of using D rather than S (or DS) considering the comparable analgesic effect. Moreover, the authors should provide information about the complete post-surgery management, in addition to the operative anesthesia. Did the study population receive additional drugs (e.g. NSAIDs) during the 48 hours after the operation, which is the time window analyzed in this study? Indeed, NSAIDs (and, probably, ibuprofen and paracetamol) are largely used in this pediatric surgery setting for pain management (as extensively and recently reviewed in: *Pediatr Emerg Care.* 2019 Jun;35(6):448-453. doi: 10.1097/PEC.0000000000001505). Indeed, some previous article reported the use of ibuprofen in this specific (inguinal ring ligation) setting, too. For instance, recent studies about pediatric hernial surgery (including also the use of D) reported that (*J Anaesthesiol Clin Pharmacol.* Jul-Sep 2021;37(3):389-394. doi: 10.4103/joacp.JOACP\_175\_19; *Anesth Analg.* 2021 Jul 1;133(1):168-175. doi: 10.1213/ANE.0000000000005284). Therefore, I would recommend the authors to consider in their analysis (results) this point and include ibuprofen and its impact in their clinical experience in the discussion. Tables are clear enough. The references have to be updated and completed based on the additional analysis and discussion, as reported above.