

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Surgery

Manuscript NO: 64229

Title: Persistent bowel dysfunction after surgery for Hirschsprung's disease: A neuropathological perspective

Reviewer's code: 03252920

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Germany

Manuscript submission date: 2021-02-12

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-29 12:24

Reviewer performed review: 2021-04-09 16:39

Review time: 11 Days and 4 Hours

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
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 checked="" type="checkbox"/> Yes <input 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

SPECIFIC COMMENTS TO AUTHORS

Well-written and very interesting review that addresses the most important aspects related to the topic. The review comprises a critical and current discussion on the main clinical and histopathological aspects related to the postoperative period of patients with Hirschsprung's disease. The only point I suggest reviewing by the authors is the statement on the use of calretinin immunohistochemistry for the diagnosis of Hirschsprung's disease (page 4/31, first paragraph). The absence of immunohistochemical expression of calretinin in ganglion cells and intrinsic nerve fibers in colorectal aganglionic segments has been routinely used and is part of the main guidelines for HD diagnostic management, as presented in the references: - Takawira C, D'Agostini S, Shenouda S, Persad R, Sergi C. Laboratory Procedures Update on Hirschsprung Disease. J Pediatr Gastroenterol Nutr. 2015; 60:598–605 [PMID: 25564805 DOI: 10.1097/MPG.0000000000000679] - Veras LV, Arnold M, Avansino JR, Bove K, Cowles RA, Durham MM, Goldstein AM, Krishnan C, Langer JC, Levitt M, Monforte-Munoz H, Rabah R, Reyes-Mugica M, Rollins MD, Kapur RP, Gosain A. Guidelines for synoptic reporting of surgery and pathology in Hirschsprung disease. Journal of Pediatric Surgery. 2019; 54:2017–23 [PMID: 30935730 DOI: 10.1016/j.jpedsurg.2019.03.010] Therefore, I suggest reviewing this aspect.