

Responses to the Reviewer's and Editor's comments:

Re: Manuscript No. 66750

Title: Chylothorax following posterior low lumbar fusion surgery: A case report and review of literature

We would like to acknowledge the reviewer's and editor's insightful comments and valuable suggestions. In addition, we thank the reviewer for helping us improve the present manuscript. We have studied comments carefully and have addressed the concerns as detailed below.

Reviewer #1 (ID 04336547)

C1: Good scientific article. Specially, Prone Position management policy is good idea.

A1: Great thanks for your comment. We added "Thorough intraoperative protection to relieve high thoracic pressure caused by the prone position is important." to the **CONCLUSION** section in the **Abstract (Line 45-47, conclusion, page 3, revision 1)**.

C2: Off-level use of Somatostatin /octreotide and surgical options should also be discussed more.

A2 : Great thanks for your valuable suggestions. We have added them in the **Discussion** section as" Somatostatin or octreotide is used for congenital chylothorax in child patient most to reduce lipid absorption, which was

reported effective^[21, 22]. However, its dose and course are not well established. We did not prescribe it because strict fasting contributes decreasing chyle most.” (*Line279-282, paragraph 5, page 18, revision 1*). And as “All the treatments above are not complete effective. Refractory chylothorax occurred sometimes. Yutian Lai et al. introduced a safe and effective modified pleurodesis method for treating refractory chylothorax. Just one patient suffered a recurrence and was cured by second pleurodesis^[26].” (*Line294-298, paragraph 5, page 18, revision 1*).

C3: Reference citation in article should be in sequence.

A3: Reference citations’ order has been adjusted in sequence of appearance.
(*Reference section, revision 1*).

C4: Reference from "Schild HH, Strassburg CP, Welz A, Kalff J. Treatment options in patients with chylothorax. Dtsch Arztebl Int. 2013 Nov 29;110(48):819-26. doi: 10.3238/arztebl.2013.0819. PMID: 24333368; PMCID: PMC3865492." can also be added before reference no.23.

A4: Both the recommended reference "Schild HH, Strassburg CP, Welz A, Kalff J. Treatment options in patients with chylothorax. Dtsch Arztebl Int. 2013 Nov 29;110(48):819-26. doi: 10.3238/arztebl.2013.0819. PMID: 24333368; PMCID: PMC3865492." by the reviewer and our [23] reference are written by Schild HH. We conserved our reference because its newer version.

Editor #1 (Jin-Lei Wang)

C1: The authors did not provide the approved grant application form(s). Please

upload the approved grant application form(s) or funding agency copy of any approval document(s).

A1: Great thanks for your insightful comment, and we have uploaded the approved grant application form.

C2: The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor.

A2: Great thanks for your suggestions and we have uploaded figures edited using PowerPoint.

C3: PMID and DOI numbers are missing in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references.

A3: Great thanks for your suggestions. All references have been edited as required, including replacement of “1. Xu KF, Hu XW, Tian XL, et al. [Clinical analysis of 123 cases of chylous effusion]. *Zhonghua Yi Xue Za Zhi* 2011;91:464-8.” to “1. Lai F-C, Chen L, Tu Y-R, Lin M, Li X. Prevention of Chylothorax Complicating Extensive Esophageal Resection by Mass Ligation of Thoracic Duct: A Random Control Study. *The Annals of Thoracic Surgery* 2011; 91(6): 1770-1774 [DOI: 10.1016/j.athoracsur.2011.02.070]” because DOI of the former is not available (*Reference section, revision 1*).