

Dear editor,

We appreciate a lot for the reviewer's insightful and valuable comments, and give us the opportunity to submit a revised version of the manuscript.

We have indicated the changes with red font in the revised version, and included a "clean" version of the revised manuscript. Point-by-point responses to reviewer's comments are listed below.

Response to reviewers' comments

Reviewer #1

The work is really very important.

Comments

Despite the widespread use of Ponte Osteotomies (PO) in adolescent idiopathic scoliosis (AIS) correction, outcomes and complications in patients treated with this technique have not been well characterized. The authors need to add more details in the "case presentation" section. Please comment about neurological complications after Ponte Osteotomies.

Response: Thank you very much for your kind suggestions. In the section DISGUSSIONS we have added the complications about PO. And we also added the DSA image showing L1-L3 segmental artery conditions at 48 hours before surgery in the treatment part.

**Complications:**

Although no neurologic cardiopulmonary complication was seen during the surgery and follow-up period in this case , we still have to pay attention to this issue. Ponte osteotomy may cause nerve injury and the major mechanisms include stretching or mechanical trauma of the spinal cord and nerve roots; thus, regional cord ischemia from vascular insufficiency may encounter. However, based on the existing literatures, it is not easy to assess the true rate of neurologic complications in patients after the treatment of Ponte osteotomy.[8,9]. This issue remains further investigations.