

Peer Review File

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Reviewer A

I would like to appreciate to have an opportunity for reviewing this manuscript.

This case report focused on using spinal endoscopy for a dumbbell tumor.

I found several issues in this manuscript as follows:

1. In abstract, any descriptions related robot-assisted thoracic surgery could not be found.

Reply 1:

Thank you for pointing out the missing mention of robot-assisted surgery.

Changes in the text:

We have added information on this from line 51 to line 52 on page 3.

2. This manuscript focused on the efficacy of using spiral endoscopy, however, this approach might be only suitable for Eden's type 4 dumbbell tumor right? Additional description would be needed about indications for spinal tumors.

Reply 2:

Thank you for pointing this out. The orthopedic surgeon in charge of the surgery commented that Eden class 1 and 2 dumbbell tumors with tumor extension beyond the dura mater would require dural resection and dural reconstruction, making spinal endoscopic surgery difficult to perform.

Changes in the text:

We have revised the article to include a literature discussion of this from line 136 to 140 on page 8.

3. Due to case report setting, efficacy or superiority should not be mentioned in the conclusion.

Reply 3:

Thank you for pointing this out. Statements regarding efficacy and superiority in the conclusion have been removed.

Changes in the text:

We have revised the article from line 155 to 157 on page 9.

Reviewer B

This is a great application of spinal endoscopy and robotics that advances the abilities of spine surgery. The case description and discussion are well-presented, great work!