

## PEER-REVIEW REPORT

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

**Manuscript NO:** 61915

**Title:** Observation and measurement of applied anatomical features for thoracic intervertebral foramen puncture on computed tomography images

**Reviewer's code:** 04081010

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-01-19

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-03-04 06:43

**Reviewer performed review:** 2021-03-18 11:40

**Review time:** 14 Days and 4 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 Grade E: Do not publish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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

## **SPECIFIC COMMENTS TO AUTHORS**

The thoracic intervertebral foramina are the most direct and frequently used channels for reaching the dorsal root ganglia with interventional tools. Interventional procedures involving passage through the thoracic intervertebral foramina have been performed for many years, and X-ray, CT and ultrasound imaging have been used as common guidance solutions. The puncture trajectory usually passes from lateral to medial along the outer edge of the articular process. The spinal nerves regularly exit the intervertebral foramina from the upper part, increase the precision requirement of target positioning. The difference in features between the upper, middle and lower thoracic segments has been vaguely described. In this study, the authors summarized the spatial relationship between the ribs, intertransverse spaces, and the puncture characteristics for thoracic intervertebral foramina cannulation. The study is very well designed, and the results are very interesting. The inclusion and exclusion criteria, and the measurements are very clear. Results are reasonable and well discussed. The reviewer suggests to accept this manuscript for publication after a minor editing.