

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Radiology*

**Manuscript NO:** 81030

**Title:** Chronic thromboembolic pulmonary hypertension is associated with a loss of total lung volume on computed tomography: preliminary results

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05643692

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Chief Doctor

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

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

**Manuscript submission date:** 2022-11-26

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2023-02-15 11:12

**Reviewer performed review:** 2023-02-23 00:58

**Review time:** 7 Days and 13 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<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 checked="" type="checkbox"/> Yes <input 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

## SPECIFIC COMMENTS TO AUTHORS

Overall, the article is informative and well written, and easy to understand, but there are some minor changes required to make it more comprehensive. 1.Please clarify how to control and train breathing in the materials and methods, which is very important for this research. 2.Please confirm whether the lung CT volume measurement based on soft tissue reconstruction algorithm is correct. 3.Please expand the discussion of the relationships between lung volume change and cardiac cross-sectional area in chronic thromboembolic pulmonary hypertension and in control subjects.This is exactly the point worth discussing. And reflected in the abstract of the paper. 4.Please remove some symbol errors in the manuscript (Line 10 on page 10) .

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**Position:** Editorial Board

**Academic degree:** MBBS, MCh, MS

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2022-11-26

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2023-02-14 19:09

**Reviewer performed review:** 2023-02-27 16:57

**Review time:** 12 Days and 21 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
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Congratulations to authors for their effort to write this manuscript