



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 40080

**Title:** Management of CT Scan Detected Hemothorax in Blunt Chest Trauma: What CT Scan Measurements Say?

**Reviewer’s code:** 00722050

**Reviewer’s country:** Canada

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-05

**Date reviewed:** 2018-06-05

**Review time:** 2 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer’s expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Minor revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

According to the authors and the literature, there is no clear recommendation for tube thoracostomy in hemothorax management based on CT scan measurements. The authors found that all patients with hemothoraces measuring above 3 cm underwent tube



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thoracostomy. For a hemothorax size of 2 cm, it was more than 50% likely that a chest tube was placed. Associated pneumothorax significantly increased the likelihood of tube thoracostomy. Some expressions are awkward and need to be rectified (e.g. in the remaining 9 patients (60%), pneumothoraces were radiographically identified as either “tiny” or “small”). More sentences need more precision and accuracy as well.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- The same title
- Duplicate publication
- Plagiarism
- No

##### ***BPG Search:***

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- Plagiarism
- No



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 40080

**Title:** Management of CT Scan Detected Hemothorax in Blunt Chest Trauma: What CT Scan Measurements Say?

**Reviewer’s code:** 00722239

**Reviewer’s country:** Japan

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-05

**Date reviewed:** 2018-06-08

**Review time:** 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer’s expertise on the topic of the manuscript:
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		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

The authors have investigated CT findings of 228 hemothorax cases. Their results indicated that all patients with hemothorax measuring over 3 cm by CT needs tube thoracostomy and that 50% predicted probability of tube thoracostomy was 2 cm. I



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consider this study is interesting and meets the journal's scope but I have some comments. The conclusion of abstract is unclear. It should be revised. Representative CT images should be presented. Their indication of tube thoracostomy: “--- the final decision of tube thoracostomy was made by the clinical judgement of the trauma surgeon” should be described not only in “limitation section” but also “materials and methods” section. In Results section, line 3, “A total number 274 hemothoraces were included from 150 males and 78 females”. It should be 228? Please check also patient number of abstract and discussion (---274 hemothoraces from 228 patients).

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

**Manuscript NO:** 40080

**Title:** Management of CT Scan Detected Hemothorax in Blunt Chest Trauma: What CT Scan Measurements Say?

**Reviewer's code:** 00071178

**Reviewer's country:** Turkey

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-05

**Date reviewed:** 2018-06-17

**Review time:** 11 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
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publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
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**SPECIFIC COMMENTS TO AUTHORS**

Thank you for your presentation I wrote my suggestions on " comment to the editor" section



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