

PEER-REVIEW REPORT

Name of journal: World Journal of Respiriology

Manuscript NO: 44923

Title: The diagnosis and treatment of subsegmental pulmonary embolism.

Reviewer's code: 02493519

Reviewer's country: Japan

Science editor: Li-Jun Cui

Date sent for review: 2018-12-04

Date reviewed: 2018-12-11

Review time: 7 Days

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input 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:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

General and major comments This is an editorial article addressing the diagnosis and treatment on the subsegmental pulmonary embolism (SSPE). The theme dealt in the present study is very important and valuable from a clinical point of view. Although the manuscript is well organized and written, the reviewer would like to request the authors



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to add the following issues for uprising the quality of the paper. 1) Please summarize the cause(s) of SSPE clearly. As far as reading the present manuscript, some cases of SSPE seem to be formed independent of deep vein thrombosis (DVT). Then, question arises, i.e., what is the essential cause for this type of SSPE? Is this elicited in association with the primary pulmonary thrombosis? Namely, are thrombosis-evoked emboli formed primarily along the subsegmental pulmonary arteries? If so, there may be an augmentation in the coagulation pathway and/or a deterioration in the fibrinolytic activity when the DVT-independent SSPE is locally generated. Please specify what kinds of blood coagulation and/or fibrinolysis markers are upregulated and/or downregulated in this type of SSPE. The correct categorization concerning the fundamental causes of SSPE, for instance, DVT-dependent or DVT-independent, will deepen the readers' understanding on the clinical importance of SSPE. The reviewer thinks that the appropriate figure for SSPE categorization will greatly help the readers' comprehension concerning the essential causes of SSPE. 2) In relation to the aforementioned matter, the authors are required to propose the treatment procedure appropriate to DVT-dependent SSPE and that to DVT-independent SSPE. Do the authors consider that the administration of anticoagulation drugs is not needed in patients with DVT-independent SSPE? If so, please clearly state this as the authors' "own, honest" opinion in the text. The reviewer is convinced that at present, there has been no reliable data allowing us to decide the conclusive treatment procedure concerning the DVT-independent SSPE. However, the authors' own opinion at present is helpful for the readers to consider the way how to diagnose and treat the patients with SSPE in diverse directions. 3) Furthermore, it is interesting to consider the possibility that the SSPE is taken as the natural filtering phenomenon through the lung. Unfortunately, however, the relationship between the SSPE and the natural filtering mechanism is not sufficiently argued in the text. The reviewer requires the authors to discuss this possibility in a more



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minute and extensive fashion. If we can pick up the SSPE cases who are diagnosed as the result of the natural filtering process, it may be allowed to consider that the anticoagulation treatment is not necessarily applied to these cases.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Respiriology

Manuscript NO: 44923

Title: The diagnosis and treatment of subsegmental pulmonary embolism.

Reviewer's code: 02497043

Reviewer's country: Turkey

Science editor: Li-Jun Cui

Date sent for review: 2018-12-04

Date reviewed: 2018-12-20

Review time: 15 Days

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input 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:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

In this paper, the authors reviewed the diagnosis and treatment of subsegmental pulmonary embolism very well in the light of the current literature. I have no additional comments.



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INITIAL REVIEW OF THE MANUSCRIPT

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- ☐ Plagiarism
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BPG Search:

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- ☐ Plagiarism
- ☐ No