



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 19256

Title: Development of a biodegradable radiopaque microsphere for arterial embolization - a pig study

Reviewer's code: 00225250

Reviewer's country: South Korea

Science editor: Fang-Fang Ji

Date sent for review: 2015-05-03 21:43

Date reviewed: 2015-06-02 22:17

Table with 4 columns: CLASSIFICATION, LANGUAGE EVALUATION, SCIENTIFIC MISCONDUCT, CONCLUSION. It contains checkboxes for various evaluation criteria like 'Grade A: Excellent', 'Priority publishing', 'Google Search', etc.

COMMENTS TO AUTHORS

1. The main purpose of this article is to make biodegradable microsphere for chemoembolization. But, the microsphere does not contain chemotherapeutic drug. The experiment is designed for bland embolization. 2. Blood test was obtained at 1 day and 25 days. I think that blood test should be done at 1 day, 3 days, 7 days, 2 weeks, and 28 days. 3. The method of manufacturing of microsphere is ambiguous and very roughly described. 4. What is end point of embolization of hepatic artery and splenic artery? 5. I think that pathologic evaluation of vasculitis caused by microsphere should be done by elastic staining or etc. 6. In M&M, CT scan was obtained at 1 day and 25 days after embolization, but figure 5 showed CT scan obtained 4, 12, 25 days after embolization. 7. In figure 5, authors described that gradual fade out was noted, but I can not see this fade out. 8. In figure 7, authors' microsphere showed severe atrophy of spleen, but gelfoam and embosphere did not cause atrophy. why? Authors microsphere was degradable, so I expect that microsphere does not cause severe atrophy. I think embolization end point is critical to cause atrophy.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 19256

Title: Development of a biodegradable radiopaque microsphere for arterial embolization - a pig study

Reviewer's code: 00926880

Reviewer's country: China

Science editor: Fang-Fang Ji

Date sent for review: 2015-05-03 21:43

Date reviewed: 2015-06-04 19:01

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

I have no comments to the Authors.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 19256

Title: Development of a biodegradable radiopaque microsphere for arterial embolization - a pig study

Reviewer's code: 00009760

Reviewer's country: Australia

Science editor: Fang-Fang Ji

Date sent for review: 2015-05-03 21:43

Date reviewed: 2015-06-15 10:01

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Novel. Useful. Promising work on different embolic particles.