



ESPS Peer-review Report

Name of Journal: World Journal of Radiology

ESPS Manuscript NO: 8272

Title: From histology to micro-CT: Measuring and modeling resorption cavities and their relation to bone competence

Reviewer code: 00503720

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-12-25 09:14

Date reviewed: 2013-12-26 01:07

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

I congratulate this valuable work from author.

ESPS Peer-review Report

Name of Journal: World Journal of Radiology

ESPS Manuscript NO: 8272

Title: From histology to micro-CT: Measuring and modeling resorption cavities and their relation to bone competence

Reviewer code: 02682003

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-12-25 09:14

Date reviewed: 2014-03-09 05:39

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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 checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

The present manuscript aims to review different methods to measure resorption cavities in the bone, both in healthy and in osteoporotic bone. Also it includes a second part that is focused on the bio mechanical consequences of the resorption cavities. There are several limitations of the manuscript as it is in the present form. 1. The aim or aims is not definitely specified at the end of the introduction. I would suggest to only focus on the effect of resorption cavities on bone competence and the modelling approach. 2. The methods used to include publications in the review are not presented. Please include a methodology section. 3. The paragraphs that discuss the characteristics of resorption cavities in healthy bone, osteoporosis and the effect of anti osteoporotic drugs is poor and discusses a very small number of publications. I would remove these paragraphs; they do not fit in the aim and do not add information to this paper. 4. English language and format need revision. 5. There are many acronyms that must be presented the first time the term is written in its extended form. 6. Acronyms must be explained also in figure and table legends. 7. As a general suggestion, the paper lacks the contribution of an expert on bone metabolism (I am thinking of a medical doctor specialist in endocrinology, in rheumatology or in orthopedics). This review can be much more appealing for the readers if a translational approach is used.



ESPS Peer-review Report

Name of Journal: World Journal of Radiology

ESPS Manuscript NO: 8272

Title: From histology to micro-CT: Measuring and modeling resorption cavities and their relation to bone competence

Reviewer code: 02663573

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-12-25 09:14

Date reviewed: 2014-03-11 17:16

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" 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 checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input checked="" 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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

The word count of the abstract is 337. This is against the rule of “no less than 200 words”. The word count of the abstract is 337. This is against the rule of “no less than 200 words”. P15L24 Idiopathic (primary) male osteoporosis (MIO); MIO should be IMO P15L25 PMOp should be PmOP