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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 25920

Title: The role of molecular Imaging in the Management of Patients affected by inflammatory bowel disease: state-of-the-art

Reviewer's code: 00055041

Reviewer's country: Italy

Science editor: Ya-Juan Ma

Date sent for review: 2016-03-26 20:40

Date reviewed: 2016-04-15 17:37

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

The manuscript is well written and well structured.



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 25920

Title: The role of molecular Imaging in the Management of Patients affected by inflammatory bowel disease: state-of-the-art

Reviewer’s code: 01513663

Reviewer’s country: Italy

Science editor: Ya-Juan Ma

Date sent for review: 2016-03-26 20:40

Date reviewed: 2016-04-21 05:11

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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
		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

The Authors reviewed the current literature on the potential of functional molecular imaging as diagnostic and prognostic tool in the management of adult and pediatric patients with IBD. However, there are a few minor issues that need to be addressed to improve the manuscript presentation and understanding. 1) The manuscript should be reviewed for English grammar, style, typos and superscripts of atomic mass number. 2) The Authors included Tables that should be cited in the text. Also at the end of the manuscript two Figures are included that should also be cited and commented in the text. 3) In both text and Figure 2 legend WBC-scintigraphies should be corrected with 99mTc-HMPAO-WBC scintigraphy. Please delete granulomatous from "...Inflammatory bowel disease (IBD) is a chronic granulomatous inflammatory condition" which is not a correct definition of IBD. 4) In the manuscript the Authors should underline the advantages and/or limitations of the reported studies to strengthen the potential of nuclear medicine in IBD diagnosis and prognosis. 5) Several studies showed that risk of cancer is greater with earlier age of exposure. Therefore it is essential to avoid unneeded ionizing radiation exposure in pediatrics (Sauer CG. Radiation exposure



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in children with inflammatory bowel disease. *Curr Opin Pediatr.* 2012 Oct;24(5):621-6). It will be useful to add a comment on the effect of molecular imaging on cumulative radiation exposure in children.



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 25920

Title: The role of molecular Imaging in the Management of Patients affected by inflammatory bowel disease: state-of-the-art

Reviewer’s code: 00503513

Reviewer’s country: Italy

Science editor: Ya-Juan Ma

Date sent for review: 2016-03-26 20:40

Date reviewed: 2016-04-22 04:26

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
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		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

The authors reviewed the value of several imaging methods (PET, SPET, etc) in diagnosing IBD and in follow-up (i.e. response to therapy, post-op recurrence) Overall the review is too long and is a mere listing of studies The language must be revised In order to shorten the paper older studies, i.e. studies where “new” imaging techniques are compared with small bowel follow-through or other obsolete techniques should be excluded. What’s about radiation exposure with repeated measurements Are you sure that these techniques due really better than MRI? Some terms are used improperly: fulminating colitis = fulminant last intestinal ansa (?) you mean terminal ileum? In INTRO you state that endoscopy is a procedure with a high risk of bowel perforation, I don’t agree; endoscopy remains the key-procedure also diagnosis, follow-up, and for detection of dysplasia. Abstract and INTRO first sentence Inflammatory bowel disease (IBD) is a chronic granulomatous inflammatory condition, only Crohn’s is granulomatous not UC In your search strategy you state that articles were selected only when dealing with IBD patients, but in your paper you include also animal studies, this is methodologically incorrect There are errors within the references (Bicik = ref



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17 not 25 in text)



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 25920

Title: The role of molecular Imaging in the Management of Patients affected by inflammatory bowel disease: state-of-the-art

Reviewer's code: 01429143

Reviewer's country: Italy

Science editor: Ya-Juan Ma

Date sent for review: 2016-03-26 20:40

Date reviewed: 2016-03-27 16:02

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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" 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
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		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is an extensive review on nuclear medicine investigations in IBD, for diagnosis and follow-up. The authors nicely reported also in tables the large existing literature. I have only a number of minor suggestions: a) The text requires a review of the english style and grommet (e.g. "it may seems"..) and correction of some spelling errors. b) Please delete granulomatous from inflammatory condition since only applies to CD c) The authors, should better and more extensively report in the conclusions, the limitations of nuclear medicine techniques: radioesposiotion which make unfeasible their frequente use over time; lack of specificity; cost, access to specialized centers on the community; waiting list given their extensive use in oncology As matter of fact, given their accuracy, the small sample size studies available in the literature are strictly related to these limitations as compared to the plenty of studies using US and MRI.