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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 11417

Title: Diagnostic Value of Monochromatic Energy Image Spectral CT in Active Small Bowel Bleeding- A Model Investigation

Reviewer code: 02682003

Science editor: Su-Xin Gou

Date sent for review: 2014-05-22 12:14

Date reviewed: 2014-06-10 15:17

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"/> Existing	<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	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Only minor corrections: - page 2, last line: change "includin" to "including"; - page 3, end of introduction: complete the statement on the aim as it follows: "...in small bowel bleeding as compared to MCT in an ex-vivo animal model". - page 4, last line of Data acquisition: change "methodology" to "methodology". - page 5, line 11: specify what high bleeding rate means.



ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 11417

Title: Diagnostic Value of Monochromatic Energy Image Spectral CT in Active Small Bowel Bleeding- A Model Investigation

Reviewer code: 02510223

Science editor: Su-Xin Gou

Date sent for review: 2014-05-22 12:14

Date reviewed: 2014-07-02 10:09

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 type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input checked="" type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input checked="" 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"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

In this manuscript, authors detected the sensitivity of Energy spectral CT and mixed-energy CT in small intestine bleeding. They found that the Energy spectral CT was much easier to detect lower GI bleeding. However, there are some problems in this paper. 1. In this manuscript, the animal model was not clear. Authors chose small intestine of pigs in vitro. So, it's really hard to differentiate AP to PVP. 2. Authors should state clearly why mannitol and plant oil were applied in this experiment other than other materials. 3. There are many spelling and grammar mistakes. 4. It's better to provide figures of the operation in animal model.



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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 11417

Title: Diagnostic Value of Monochromatic Energy Image Spectral CT in Active Small Bowel Bleeding- A Model Investigation

Reviewer code: 00069066

Science editor: Su-Xin Gou

Date sent for review: 2014-05-22 12:14

Date reviewed: 2014-07-09 23:13

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"/> Existing	<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	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

The study is lack of term consistency. The methodological weakness are in the lack of negative control that is important in diagnostic study. The statistical analysis is too over-estimated. Some data don't need to be analysed statistically. There are too many repetition of table and narration in the results. The language need to be revised to be more scientific. Spaces need to be revised, maybe because the software. This manuscript is need major revision. Over all, this study evaluate about the tehniqe of spectral CT and not coralated directly to cllinical diagnosis.



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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 11417

Title: Diagnostic Value of Monochromatic Energy Image Spectral CT in Active Small Bowel Bleeding- A Model Investigation

Reviewer code: 00068559

Science editor: Su-Xin Gou

Date sent for review: 2014-05-22 12:14

Date reviewed: 2014-07-13 12:22

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"/> Existing	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair		BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Now, rapid and accurate localization of active small bowel bleeding sites is one of the clinical challenges. This manuscript was based on the study of a model experiment in Vitro, and demonstrated the superiority of monochromatic energy image spectral CT in detecting intestinal hemorrhage. It should be described more detail about the model establishment, and how to differentiate AP to PVP in the model.



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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 11417

Title: Diagnostic Value of Monochromatic Energy Image Spectral CT in Active Small Bowel Bleeding- A Model Investigation

Reviewer code: 00068864

Science editor: Su-Xin Gou

Date sent for review: 2014-05-22 12:14

Date reviewed: 2014-07-16 14:07

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"/> Existing	<input type="checkbox"/> High priority for publication
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COMMENTS TO AUTHORS

No comments