

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 4092

Title: Real-time virtual sonography for pancreatic disease~ The visualization and its clinical application in biliary and pancreatic disease using real-time virtual sonography

Reviewer code: 00503444

Science editor: Gou, Su-Xin

Date sent for review: 2013-06-14 15:51

Date reviewed: 2013-07-01 13:56

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"/> 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)	<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 authors report a new imaging technique based on the combined use of US and CT. The paper is interesting however they should stress what this new imaging approach adds to the two existing techniques taken separately. Finally, they have reported that this new technique adds more information on vascular involvement but they compare these results with those obtained with the CT and show the surgical gross specimen showing this. Major comments 1. In the introduction section the authors stated that "This is one method of compensating for the decreased objectivity in ultrasound diagnosis." but they have no demonstrated this hypothesis. 2. In addition the sentence "This method is used during navigation in ultrasound-guided treatment and its usefulness has been reported in the field of liver and breast disease" has not been demonstrated by the data reported. 3. They should also clearly explain why a new US should be made using this technique as the MDCT has been carried-out. Minor comments 1. In the section abbreviations used in the text please add other abbreviations used in the text. 2. Please report computer tomography (CT) at the first appearance in the text instead of CT 3. Please report multidetector computer tomography (MDCT) at the first appearance in the text instead of MDCT 4. In the text the abbreviation should follow the explanation: Digital Imaging and Communication in Medicine (DICOM) instead of DICOM (Digital Imaging and Communication in Medicine) 5. In the legends of figures please add the explanation of abbreviations 6. Please replace in figures tomor with tumor 7. Please replace relatiosn with relation

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ESPS Manuscript NO: 4092

Title: Real-time virtual sonography for pancreatic disease~ The visualization and its clinical application in biliary and pancreatic disease using real-time virtual sonography

Reviewer code: 00037961

Science editor: Gou, Su-Xin

Date sent for review: 2013-06-14 15:51

Date reviewed: 2013-07-02 04:18

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"/> 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)	<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

This is a good study the usefulness of RVS (real-time virtual sonography) in biliary and pancreatic disease. 12 patients with biliary and pancreatic disease was used by combining the objectivity of CT with free scanning using RVS. This study showed that the visualization in biliary and pancreatic disease using RVS had the objectivity and the detailed imaging for diagnosis compared with conventional B-mode US and CT. This new technique has the possibility of usefulness in visualizing and diagnosing for biliary and pancreatic disease in the future. Major comments: 1) The manuscript will need thorough English editing 2) The format of the journal was not followed 3) The figure legends are not appropriately introduced 4) The references do not follow the style and format of the journal 5) There are not statistical information since the number used as data is too small. Additional data will make the manuscript more valuable 6) The abstract will need to be rewritten Minor comments: There are many spelling errors that need to be corrected. Other comments: Even though the patient numbers are small, the paper has the potential data to be used in the clinic for appropriate diagnosis.