

ESPS Peer-review Report

Name of Journal: World Journal of Radiology

ESPS Manuscript NO: 6229

Title: Liver volume evaluation: how much imaging can be reliable? Personal experience and a review of the literature.

Reviewer code: 00053820

Science editor: Wen, Ling-Ling

Date sent for review: 2013-10-11 09:42

Date reviewed: 2013-11-19 09:00

| 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) | <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

In the review, the author(s) provided many recent literatures to discuss how to accurately calculate the future liver remnant volume (FLRV) before hepato-biliary surgical operation, and to decrease the risk of development of post-hepatectomy liver failure. The authors also stated their personal experience based on solid evidences of imaging and clinical information from liver diseases patients (hepatocellular carcinoma, hilar cholangiocarcinoma, peripheral cholangiocarcinoma, hepatitis B virus and hepatitis C virus). The authors consider that it is needed to re-evaluate the accuracy of commercially available software for liver volumetry, based on data of CT or MRI imaging as well as resection specimens' weight. This review would be helpful to draw attention to hepato-biliary surgeon. It can be considered to accept for publication.

ESPS Peer-review Report

Name of Journal: World Journal of Radiology

ESPS Manuscript NO: 6229

Title: Liver volume evaluation: how much imaging can be reliable? Personal experience and a review of the literature.

Reviewer code: 02667427

Science editor: Wen, Ling-Ling

Date sent for review: 2013-10-11 09:42

Date reviewed: 2013-12-19 16:39

| 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 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 present editorial discusses the role of imaging in the estimation of liver volume. Review of the literature and personal experience are provided. Correlation between liver volumes and resected specimens weight is given. The abstract is a good summary of the editorial. The introduction is well written and informative. Overview of PHLF is given. There is a mistake on page 2, paragraph 3: The factors that contribute..... The imaging modality chapter: -please change the sentence in line Nr 3: "This makes fundamental....." it is confusing, not correct -2nd paragraph, line 2: change determination into evaluation, delete ".....for this evaluation." -5th paragraph, line 1: change "vor" into "for" -6th paragraph, line 5: ".....a formula that can be used in these situations. It combines...." -7th paragraph, line 2: ".....,they seem...." The imaging calculation chapter: -6th paragraph, first sentence: again very confusing, pls shorten. The personal experience chapter: -2nd paragraph, line 1: ".....metastases, as well as those...." -Which volumetric analysis was performed? Method? Please provide an order of the methods...start with patients population, then ct protocol, then describe the technique for volumetric, the statistics -page 4, 2nd paragraph, line 5: "patients" no capital -same for table 1, pls mention it at the beginning -there should be a separation of this chapter because it is very confusing: perhaps a methods and a results section would do it? -you do not discuss your results at all? Figures: Figure 1: -mistake in the legend, second line, "AND"!!! Figure 2: -legend is confusing again Figure 4: leave that away, no necessary Figure 5: very bad quality, can hardly read the graph please provide a separate section with abbreviations used, because there are many!! Language in general is sometimes confusing and not very fluent. The present work does not seem to be finished. A major problem is the sectioning, very confusing "methods" section (i call it that although it is no



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original article) and a far to abrupt "discussion" lead to revisions before publication. The literature review is a part that only needs some language corrections.