

Dear Editor:

ESPS Manuscript NO: 18054

Title: Current applications of transperineal ultrasound in Gastroenterology.

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewers:

Reviewer #00040529 stated that:

- "This is a nice review on "current applications of transperineal ultrasound in gastroenterology". It is well written and references are updated. It provides the readers a comprehensive overview".

ANSWER TO THE REVIEWER: the author thanks the reviewer for the comment.

- "The only limitation are the poor quality images. We strongly recommend to add more images and more labels and arrows to help in understanding".

ANSWER TO THE REVIEWER: better and more images were included with more labels and arrows as suggested.

Reviewer #03282735 stated that:

- "A table containing predictive values for the mentioned evaluations and indications would be useful".

ANSWER TO THE REVIEWER: the authors gratefully thank the suggestion. However there is problem, concerning the very small amount of information that this table will have. The only predictive values that were mention were for retoccele and intussusception. The positive predictive value was 0.82 for rectoccele and 0.88 for intussusception. The negative predictive was 0.43 for rectoccele and 0.27 for rectal intussusception/prolapse. For fistulas a positive predictive

value of 86.5% was described. Most of the times the authors decide to include only the interpretation of the studies and not the values. So due to limited values described, only text was included.

- "Description of the technique depends on the compartment; for the anterior compartment bladder filling is useful".

ANSWER TO THE REVIEWER: this information was added.

- "The review should include a short comment on prolapses of the middle and anterior compartment as this is a major differential diagnosis, sample figures should be added".

ANSWER TO THE REVIEWER: this information was added as suggested. Because this review is about the applications of transperineal ultrasound in gastroenterology, and this is exclusive to the posterior compartment, authors included mainly figures reflecting diseases of this compartment. Also, limited space is a problem for the number of figures to include and in the revised version we already include a total of 8 figures.

"Figures could be of better quality (maybe due to the printing) and anatomical structures should be named in every figure - use pictures instead of text for the description of the compartment".

ANSWER TO THE REVIEWER: better figures were included and anatomical structures were named in every figure.

3 References and typesetting were corrected.

Thank you again for publishing our manuscript in the World Journal of Radiology.

Sincerely yours,

Andreia Albuquerque, MD

Gastroenterology Department, Centro Hospitalar São João, Porto

Alameda Professor Hernâni Monteiro

4200-319 Porto, Portugal

Tel. +351 225 512 100; Fax +351 225 025 766

a.albuquerque.dias@gmail.com