

Format for ANSWERING REVIEWERS

November, 21, 2014

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 14466-review.doc).

Title: The efficacy of “digitally reinforced hematoxylin-eosin polarization (DRHEP)” technique in diagnosis of amyloidosis in rectal biopsies

Author: Basak Doganavsargil, Gulruh Emiroglu Buberal, Huseyin Toz, Banu Sarsik, Burcin Pehlivanoglu, Murat Sezak, Sait Sen

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 14466

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

1 Format has been updated

1-Title is longer than required (16 WORDS) but includes the full name of the technique used. Could be replaced with **“Digitally reinforced hematoxylin-eosin polarization (DRHEP)” technique in diagnosis of rectal amyloidosis” 11 WORDS**

3- Authorship: The affiliation of 5th author Burcin Pehlivanoglu was corrected to Ege University Faculty of Medicine, Department of Pathology, Izmir, 35100, Turkey

5-Abstract was re-written to comply with word counting and provide better understanding.

6-Key words were checked with MESH terms and corrected

7-Core tip is added to the text

8-Ethical considerations

8.1 Institutional review board statement: Explanation was uploaded as a separate file.

8.2 Institutional animal care and use committee statement: No animals were used in the study. Explanation was uploaded as a separate file.

8.3 Animal care and use statement: No animals were used in the study. Explanation was uploaded as a separate file.

8.4 Biostatistics: Biostatistician clearance form was uploaded as a separate file.

8.5 Conflict-of-interest statement: uploaded as a separate file

8.6 Data sharing statement: uploaded as a separate file

9- Tables: Table 1 and 3 were revised (see below). Typing errors were corrected in Table 2 and 4.

9.2 Photographs

Dpi's of the figures were set up to 300 dpi. Figure legends were checked for spelling.

9.3 Tables

Presented in separate pages

10 References

Number of references was increased to 26 and related changes were made in the discussion. PMID and DOI numbers were given.

An acknowledgement is added to end of the text.

11 Comments section is added to the text

2 Revision has been made according to the suggestions of the reviewer

Reviewed by 181214

1. The numbers presented in table 1 diverge from the text: (Total AA cases 54 instead of 60, total AL cases 9 instead of 7). Please revise.

The text is corrected. The Table 1 is revised. The sum of the frequencies is also checked for typing errors and corrected accordingly.

We have also noticed terminological inconsistency between the Table-1 and Table-4. Amyloid types "nonAA/nonAL" group in Table 1 was corrected to "undetermined" as it was correctly stated in Table 4. The text is revised accordingly.

2. How many authors performed DRHEP? Did they agree in interpretation? Of which grade of agreement?

"The evaluation was done separately by two researchers, one of whom were the one who has captured the images, with a kappa agreement level of 74.7%. In case of disagreement the cases were consulted to the researcher who has arranged the study set and the decision was finalized with two-thirds majority."

The related explanations were added to Materials and Methods section 2.2, 2.3 and 2.4

3. Please incorporate statistical values in Table 3.

Statistical values are added to Table 3.

4. Discussion is well conducted, however, since authors suggest this technology as a low cost method, they could implement the discussion by a comparison of costs.

Our aim was to emphasize the lack of need for extra equipment or investment for application of the technique. Therefore the discussion paragraph mentioned above is replaced by the one below.

"Today many of the laboratories have the adequate equipment (polarization attachment, polarization filter and digital camera) used in DRHEP technique. Once the camera is attached and digital photography settings are done it can be easily applied during routine biopsy evaluation with convincing safety."

Additional revisions;

We noticed terminological inconsistency between the text and Table-4. The Amyloid Type-NonAA/NonAL category was corrected to undetermined. The text and Table 1 are also corrected.

Reviewed by 503404

An interesting paper on a niche topic. Well-documented, but English needs to be clearly improved. Manuscript should be proofread by native speaker.

Proofread by a native speaker.

Other

3 References and typesetting were corrected

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

Sincerely yours,

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