

Format for ANSWERING REVIEWERS



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 13366-review.doc).

Title: Biomarkers in bile-complementing advanced endoscopic imaging in the diagnosis of indeterminate biliary strictures

Authors: Vennisvasanth Lourdusamy, Benjamin Tharian, and Udayakumar Navaneethan.

Name of Journal: *World Journal of Gastrointestinal Endoscopy*

ESPS Manuscript NO: 13366

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 reviewer

(1) Reviewer no- 00503755:

Thank you for your comments.

[1]. Citations have been corrected according to the instructions.

[2 & 3]. Tables summarizing the sensitivities and specificities for specific malignancies (pancreatic carcinoma or cholangiocarcinoma), including comments for each biomarkers have been added.

(2) Reviewer no- 02531403:

Thank you for your comments. We have included the current diagnostic role of cholangioscopy, and have also discussed about the single operator cholangioscopy in the introduction. Details on collection of bile including alternative method of bile collection (BIDA) have been included. The recent study on EUS (Weilert GIE 2014) had already been quoted in the introduction in the submitted manuscript- reference [8]. Therapeutic implications for biomarkers including Chen et al's work on HSP inhibitors has been added and referenced. The meta-analysis on biomarkers between intra and extrahepatic CCA by Wiggers and coworkers has been included. Tables summarizing each biomarker including sensitivities, specificities and comments for each biomarker have been added. In conclusion, the current diagnostic utility of bile biomarkers and the role of future studies in determining the best approaches utilizing biomarkers to complement endoscopy, and the need for studies to support the biomarkers' potential therapeutic implications have also been included.

(3) Reviewer no- 02861252 :

Thank you for your comments.

3 References and typesetting were corrected

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

Sincerely yours,

Udayakumar Navaneethan, MD FACP
Center for Interventional Endoscopy,
Florida Hospital Institute for Minimally Invasive Surgery,
601 E Rollins Street,
Orlando, FL 32803