

Certificate of Biostatistics

Name of Journal: *World Journal of Gastroenterology*

Manuscript type: Observational study

Fluorescence cholangiography enhances surgical residents' biliary delineation skill for laparoscopic cholecystectomies

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This letter is to confirm that I have read the ethics application prepared for this study, and that in my opinion the statistical methods and techniques mentioned are appropriate for the research

Name: Napaphat Proprom

A handwritten signature in blue ink, appearing to read 'N. Proprom', with a stylized flourish at the end.

Signature

Date: October 16, 2019