

Certificate of Biostatistics

9 September 2021

Title of study: Clinical manifestations and outcomes in gastric antral vascular ectasia (GAVE) according to endoscopic patterns and the presence of cirrhosis

Chief investigator: Joon Hyun Cho, MD, Ph.D., Assistant Professor, Division of Gastroenterology and Hepatology, Department of Internal Medicine, Yeungnam University College of Medicine, Daegu, South Korea

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.

Please contact me if you have any queries

Sincerely,



Ju-Hyun Seo, Researcher, Medical Science Research Center, Yeungnam University College of Medicine, 170 Hyeonchung-ro, Nam-gu, Daegu, 42415, South Korea.

E-mail: 21700244@edms.yu.ac.kr

Telephone: +82-53-640-6837