

Certificate of Biostatistics

1 July 2022

To whom it may concern

Title of Study: Liver and spleen Blood Supply Changes after TIPS in Portal Hypertension

Related Gastroesophageal Variceal Bleeding with Perfusion CT: A Correlation Study

with HVPG and Child-Pugh Scores

Chief investigator: Lei Wang

Department of Interventional Radiology,

Beijing Shijitan Hospital, Capital Medical University

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.

Yours sincerely,

Lei Wang

Department of Interventional Radiology,

Beijing Shijitan Hospital, Capital Medical University

No. 10 Tieyi St, Haidian District, Beijing 100038, China.

E-mail: wanglei800212@126.com

Tel: +86-13488692952; Fax: +86-10-63926024