

Certificate of Biostatistics

April 27, 2023

Salute him

Title of Study: "**Portal vein CT imaging characteristics and their relationship with bleeding risk in patients with liver cirrhosis undergoing interventional therapy**"

Chief investigator: Xue-Jing Song, Second Department of Oncology, Shijiazhuang People's Hospital, Hebei Province

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, Kai Zhang 张凯

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