

Certificate of Biostatistics

24 February 2021

To whom it may concern

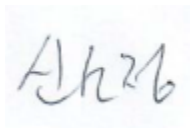
Title of Study: **Predictors and Prognostic Impact of Post-operative Atrial Fibrillation in Patients with Hip Fracture Surgery**

Chief investigator: Chang Hee Kwon, MD, PhD, Division of Cardiology, Department of Internal Medicine, Konkuk University Medical Center, 120-1 Neungdong-ro, Gwangjin-gu, Seoul 05030, Korea.

The 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 appropriated for the research.

Please contact me if you have any queries.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Shin' followed by a stylized '26'.

So Jung Shin, Department of medical statistics, Konkuk University Medical Center, 120-1, Neungdong-ro, Gwangjin-gu, Seoul 05030, Korea