

## **Certificate of Biostatistics**

Feb 27 2019

To whom it may concern

**Title of study:** Application of Pulse index Continuous Cardiac Output (PiCCO) System in Elderly Patients with Acute Myocardial Infarction Complicated by Cardiogenic Shock: A Prospective Randomized Study

**Biostatistics investigator:** Yu Liu, Department of Emergency Medicine, Dongzhimen Hospital, The First Affiliated Hospital of Beijing University of Chinese Medicine, No.5, Haiyuncang, Dongcheng District, Beijing 100700, China.

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,

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