

Certificate of Biostatistics

April 26, 2021

To whom it may concern

Title of study: Should We Use Similar Perioperative Protocols in Patients Undergoing Unilateral and Bilateral One-stage Total Knee Arthroplasty?

Principle investigator: Artit Laoruengthana; MD

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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,



Krit Pongpirul, MD, MPH, PhD

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