



February 24<sup>th</sup>, 2020

**Biostatistics Review certificate**

Dear Editor,

We wish to submit an original invited manuscript entitled "**Trends and Risk Factors for Opioid Administration for Non-Emergent Lower Back Pain Presenting to the Emergency Department from 2010-2017**" to *The World Journal of Orthopaedics (WJO)*. Invited manuscript ID is as follows: **05536918**

Our research support center reviewed the statistical methods of this study, and the statistical methods and techniques mentioned are appropriate for the research.

Thank you for considering our work for publication.

Sincerely,

Morad Chughtai, MD

Corresponding Author