



# EDITORIAL CERTIFICATE

This is to certify that the paper titled:

IMPACT OF BEING UNDERWEIGHT ON PERI-OPERATIVE AND POST-OPERATIVE  
OUTCOMES OF TOTAL KNEE OR HIP ARTHROPLASTY: A META-ANALYSIS

to be submitted by:

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has been edited by professional native English speaking editors at Shanghai YiSe, for proper English language, grammar, spelling, punctuation and academic style, while the intent of the authors' message was not altered in any way during the editing process.

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Alex Li

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