

This document certifies that the manuscript

Effect of laparoscopic sleeve gastrectomy on related variables of obesity complicated with polycystic ovary syndrome

prepared by the authors

Xiao-Tao Wang, Yi-Sen Hou, Hao-Liang Zhao, Jian Wang, Chen-Hao Guo, Jie Guan, Zhi-Gan Lv, Peng Ma, Jian-Li Han

was edited for proper English language, grammar, punctuation, spelling, and overall style by one or more of the highly qualified native English speaking editors at AJE.

This certificate was issued on **August 11, 2023** and may be verified on the [AJE website](https://aje.com) using the verification code **76EO-ED9A-6FFC-B507-8BAB**.



Neither the research content nor the authors' intentions were altered in any way during the editing process. Documents receiving this certification should be English-ready for publication; however, the author has the ability to accept or reject our suggestions and changes. To verify the final AJE edited version, please visit our verification page at aje.com/certificate. If you have any questions or concerns about this edited document, please contact AJE at support@aje.com.