

Response to Reviewer 1 Comments

General Comments:

I see new knowledge in this perspective paper.

Response: We feel grateful for your professional opinions. According to the suggestions of the journal, we have supplemented and enhanced the content of the article, provided more detailed findings of relevant research, and emphasized highlights of the latest frontier research results in the manuscript.

Response to Editorial Office's Comments

General Comments:

- 1 Conflict of interest statement: Academic Editor has no conflict of interest.
- 2 Manuscript's theme: The topic is within the scope of the journal.
- 3 Academic misconduct: No academic misconduct was found.
- 4 Scientific quality and comments: The letter reviewed the article entitled "Effect of exercise prescription teaching on exercise quality and mental health status of college students" published in World Journal of Psychiatry and stated the use of ChatGPT in physical education. The topic is interesting, but the manuscript provides very little information. The purpose is unclear.
- 5 Language evaluation: Grade A.
- 6 Recommendation: Transfer to another journal.

Response: Thanks for your constructive suggestion. The purpose of this manuscript is to explore the application of ChatGPT in physical education. We believe that integrating ChatGPT into the teaching process can promote college students' participation in physical activities, improve students' mental health, expand the traditional teaching environment, and promote the reform of traditional teaching methods. We have emphasized the purpose in the first paragraph. In addition, to provide more information and further improve the content of the manuscript, we have added some latest empirical evidence and comments.

"With the deep integration of artificial intelligence (AI) and education, we believe that ChatGPT has great potential for application in physical education."

"In addition, as Khan et al. noted, when students' physical fitness and health status change, ChatGPT can receive timely feedback from students and modify their exercise plans ^[20]."

"Zheng et al. suggested that continuous support from ChatGPT could help users stay motivated and self-manage ^[22], and some empirical studies have reported that chatbot-assisted interventions can increase college students' interest in participating in physical activities and improve their health ^[18, 23, 24]."

"ChatGPT has been iterated to GPT-4. Some studies have applied it in clinical practice ^[31, 32], and its impact on the field of education has attracted increasing attention ^[20, 21, 33]."

Response to Company Editor-in-chief Comments

General Comments:

I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Psychiatry, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. When revising the manuscript, it is recommended that the author supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript. To this end, authors are advised to apply PubMed, or a new tool, the RCA, of which data source is PubMed. RCA is a unique artificial intelligence system for citation index evaluation of medical science and life science literature. In it, upon obtaining search results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by" should be selected to find the latest highlight articles, which can then be used to further improve an article under preparation/peer-review/revision. Please visit our RCA database for more information at: <https://www.referencecitationanalysis.com/>, or visit PubMed at: <https://pubmed.ncbi.nlm.nih.gov/>.

Response: We appreciate your helpful advice. We have supplemented more detailed findings and emphasized the highlights of the latest frontier research results in the manuscript. According to the editor's comments, we have searched the relevant studies again on PubMed and RCA, and we have added some latest empirical evidence and comments in the manuscript, hoping to further improve the content of the manuscript.

"In addition, as Khan et al. noted, when students' physical fitness and health status change, ChatGPT can receive timely feedback from students and modify their exercise plans^[20]."

"Zheng et al. suggested that continuous support from ChatGPT could help users stay motivated and self-manage^[22], and some empirical studies have reported that chatbot-assisted interventions can increase college students' interest in participating in physical activities and improve their health^[18, 23, 24]."

"ChatGPT has been iterated to GPT-4. Some studies have applied it in clinical practice^[31, 32], and its impact on the field of education has attracted increasing attention^[20, 21, 33]."

References:

1. **Cascella M**, Montomoli J, Bellini V, Bignami E. Evaluating the feasibility of ChatGPT in healthcare: An analysis of multiple clinical and research scenarios. *J Med Syst* 2023; **47**(1): 33 [PMID: 36869927; DOI: 10.1007/s10916-023-01925-4]

2. **Khan RA**, Jawaid M, Khan AR, Sajjad M. ChatGPT - Reshaping medical education and clinical management. *Pak J Med Sci* 2023; **39**(2): 605-607. [PMID: 36950398; DOI: 10.12669/pjms.39.2.7653]
3. **Zheng Y**, Wu Y, Feng B, Wang L, Kang K, Zhao A. Enhancing diabetes self-management and education: A critical analysis of ChatGPT's role. *Ann Biomed Eng* 2023 [PMID: 37553556; DOI: 10.1007/s10439-023-03317-8]
4. **Zhang L**, Tashiro S, Mukaino M, Yamada S. Use of artificial intelligence large language models as a clinical tool in rehabilitation medicine: A comparative test case. *J Rehabil Med* 2023; **55**: jrm13373 [PMID: 37691497; DOI: 10.2340/jrm.v55.13373]
5. **Ong H**, Ong J, Cheng R, Wang C, Lin M, Ong D. GPT technology to help address longstanding barriers to care in free medical clinics. *Ann Biomed Eng* 2023; **51**(9): 1906-1909 [PMID: 37355478; DOI: 10.1007/s10439-023-03256-4]
6. **Sallam M**. ChatGPT utility in healthcare education, research, and practice: Systematic review on the promising perspectives and valid concerns. *Healthcare (Basel)* 2023; **11**(6): 887 [PMID: 36981544; DOI: 10.3390/healthcare11060887]