Review of: "Using Artificial Intelligence to Guide Physicians in Making Fasting Decisions for Diabetics During Ramadan"

Baha Ihnaini[1]

1 Kean College

Potential competing interests: No potential competing interests to declare.

This article brings to light an important and insightful exploration of the intersection between artificial intelligence (AI), diabetes management, and the observance of Ramadan, presenting a valuable perspective on how AI can support individuals with diabetes during this period. However, to align more closely with the expectations of scientific discourse, there are several constructive suggestions I'd like to offer to enhance the paper's contribution to the academic community.

Enhancing Structure and Depth: The narrative presently resembles an informative piece targeted at a broad readership rather than embodying the structure of a scientific study. It notably lacks in presenting original research findings or a thorough review of the literature in the field. A more rigorous approach would involve incorporating and critically discussing key findings and recommendations from authoritative sources on diabetes management during Ramadan and the potential of AI in this context. This would not only enrich the paper's content but also firmly situate it within ongoing scholarly conversations.

Adherence to Research Paper Conventions: The manuscript could benefit from a more traditional scientific layout, including but not limited to, sections such as an Abstract, Introduction, Literature Review, Methodology, Results, Discussion, Conclusion, and References. It appears the discussions on methodology, literature review, and the research gap need further development or are absent. Moreover, an examination of the limitations of the present study is essential, as it lends credibility and depth to the research by acknowledging the scope and bounds of the findings.

Future Research Directions: The conclusion section, while touching upon the transformative potential of AI in diabetes care during Ramadan, could be expanded to articulate future research avenues more explicitly. A forward-looking conclusion should ideally encapsulate the study's main insights and propose potential directions for upcoming research, especially highlighting areas ripe for innovation or deeper investigation in applying AI to healthcare during religious fasting.

Data and Comparative Analysis: The innovative premise of integrating AI in the management of diabetes during Ramadan is intriguing. To further solidify this contribution, the paper would greatly benefit from including empirical data, case studies, or references to previous studies that have leveraged AI in diabetes management. A comparative discussion of these references could provide critical insights into the practicalities, challenges, and prospects of AI applications in this area, thereby enriching the narrative with empirical evidence and broader context.