

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

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Potential competing interests: No potential competing interests to declare.

The manuscript presents an important and timely topic, exploring AI's potential to improve fasting decisions for diabetics during Ramadan. However, it remains theoretical and lacks empirical data or detailed methodologies. By addressing these gaps and providing practical recommendations, the paper could significantly contribute to both the academic and clinical understanding of AI's role in managing diabetes during Ramadan.

Suggestions for Improvement

1. Include specific AI methodologies or case studies to better illustrate the manuscript's contributions.
2. Highlight the implications of the findings for clinical practice or policy.
3. Clearly articulate the research objectives and how they build on or differ from existing studies like PROFAST.
4. Include a brief overview of the AI technologies under consideration (e.g., ML models, decision-support systems).
5. Provide a detailed framework for the proposed AI system, including data sources, algorithms, and expected outcomes.
6. Address challenges in implementing AI in resource-limited settings, offering potential solutions.
7. Incorporate case studies, simulations, or pilot studies to validate the proposed approach.
8. Use quantitative metrics (e.g., reduction in hypoglycemia incidents) to substantiate claims.
9. Compare AI-guided and traditional approaches to highlight the advantages of AI.
10. Expand on ethical considerations, such as ensuring equity in AI access and addressing potential biases.
11. Discuss strategies for integrating AI into existing healthcare systems and guidelines.
12. Explore potential barriers to adoption and propose ways to overcome them.
13. Provide actionable insights for researchers and practitioners, such as developing specific AI algorithms or conducting pilot studies.
14. Summarize the manuscript's unique contributions and their implications for diabetic care during Ramadan.