

Review of: "Correlation Between HbA1c and Body Mass Index Among Patients with High Lipid Profile Attending Johns Hopkins Aramco Healthcare Hospital in Saudi Arabia"

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Potential competing interests: No potential competing interests to declare.

Good afternoon,

I appreciate the opportunity to review the present work. I have some questions regarding the research:

1. The objective of this research and its justification are not clearly stated.
2. Why was BMI chosen over other variables that may be more representative of body fat or even cardiovascular risk, such as waist circumference, waist-to-hip ratio, or waist-to-height ratio?
3. Regarding glycosylated hemoglobin, it should be mentioned which type of kit was used and whether the result is standardized.
4. It is understood that hyperglycemia and hypertriglyceridemia are associated conditions due to the metabolism of these molecules. Other determinants such as insulin resistance and indices like the triglyceride/glucose ratio could potentially enhance the impact of the research.
5. Finally, due to the vague justification and objective of the study, I am unable to appreciate the potential impact of this research. The only redeeming aspect of this study is the sample size. However, without a clear objective and justification providing a basis and support for this research, that strength is lost.

Thank you for considering these points.