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.

Dear colleagues!

Thank you for the honor of writing a review of your work. Among the advantages of the work is a fairly large number of people surveyed. However, there are some improvements to be made:

1. "There was a statistically significant relationship between the use of dyslipidaemia medication and HbA1c (P<0.001)". The correlation coefficient should be mentioned in this sentence to understand the strength of the relationship and whether it was positive or negative.

2. "HbA1c and BMI had a very weak positive relationship that was statistically significant (r=0.18, P<0.001). HbA1c and systolic blood pressure showed a statistically significant positive relationship (r=0.16, P<0.001)". A weak correlation, it is practically absent with such strength.

3. If the authors indicated the country of origin of the study subjects, it is worth explaining and discussing the results in the discussion (even if they are statistically insignificant).

4. What was the purpose of the study? Scientific and practical significance? What is the novelty? Since the relationship between lipid and carbohydrate metabolism has long been known, it is necessary to reveal what new things this article will bring to science and medicine.

5. Literary references are quite old; it is advisable to refer to studies of the last 5 years (2020-2024).

I would like to apologize if my remarks seemed too strict to you.

Good luck with your future research!