

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.

The idea of the article was good, however there were 2 major mistakes regarding HDL-C and diastolic blood pressure, The article needed to be revised and re-edited.

Introduction

- "Therefore, the main aim of this study was to identify the correlation between HbA1c and body mass index (BMI) among patients with dyslipidemia, as well as to evaluate the importance of HbA1c as an indicator. This study will could in decision making, provide a baseline for evaluation, and help to develop a plan for recruiting patients for prevention and lifestyle-management programs".

This paragraph needs to be edited to be more informative, i.e. to evaluate the importance of HbA1c as an indicator for what? Also, this study will could in decision-----; there is a mistake in this sentence (will could), and there is something missing to completes the sentence to be informative.

Ethical Considerations

- Where is the ethical approval number?

Results

- "The participants were 57.05% male and 78.42%."

This sentence was incomplete. It should be "The participants were 57.05% male and 78.42%. Saudi"

- In table 2, the mean HDL was 52.5, while in the inclusion criteria the participants were included in this study if his/her HDL-C was <40 for men and <50 for women. How? Please, revise your data and table 2.
- "There was no correlation between HbA1c and LDL-C, TC, diastolic blood pressure, and LDL-C. "

How? In table 4 the correlation between HbA1c and diastolic blood pressure, was significant ($P < 0.001$) in spite it was weak.

LDL-C was repeated twice in this sentence, please, remove the 2nd one.

References were up to date (2023)