

Peer Review

Review of: "The Influence of Glycemic Status and Sociodemographic Factors on Patients' Dental Caries Risk and Experience in Lagos, Nigeria"

Abiola O. Oduwale¹

1. University of Lagos, Nigeria

This is an interesting paper. It looked at a part of DM management that is poorly researched;

The title stated glycaemic status; it would be expected to see the effect of duration, the blood glucose profile, and the HbA1c as they affect the acquisition of dental caries. These parameters actually measure the glycaemic status of anyone living with DM. If these were done, then the title as it is would be appropriate, and the methodology would also be appropriate. New results will be considered to show the effects of these parameters on the development of dental caries. Comparison with non-diabetics will be relevant.

If not available, then the title should be tweaked a little to show that these were in a homogenous group of the population who were not known people with DM, discovered to be novel DM via blood glucose testing. The methodology will need some tweaking too.

Assessment:

Authors should evaluate the effect of the below-listed factors, which will evaluate the DM or glycaemic status of the subjects with DM. All the parameters mentioned are known to affect the severity of DM and invariably complications such as dental caries and nephropathy.

1. Duration of DM
2. HbA1C and blood glucose profile to determine the level of glycaemic control. All DM included in the study must have their HbA1C done. Calculate their mean FBS from their BG diary over 6 weeks to 12 weeks.

3. Compliance with drugs

4. Regularity of follow-up

If the above parameters cannot be done, then to compare DM patients with non-DM, the authors will need to exclude all complications, defining the DM individual as one with controlled glycaemic status.

"

Good, original, and well-written paper. It will provide needed information about diabetes care to provide standard care and a good quality of life.

Can be accepted after the questions are answered.

Declarations

Potential competing interests: No potential competing interests to declare.