

## REVIEWER'S REPORT

Manuscript No.: IJAR-57797

Title: Assessing the Thyroid Dysfunction among Type 2 Diabetes Mellitus Patients in Al Ahsa, Saudi Arabia

### Recommendation:

- Accept as it is .....
- ✓ Accept after minor revision.....
- Accept after major revision .....
- Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance	✓			

Reviewer Name: Dr S. K. Nath

### *Detailed Reviewer's Report*

#### Strength of the study:

- The study addresses an important clinical topic with direct relevance to endocrine and diabetic care
- The sample size is adequate and includes patients from two healthcare settings which improves data coverage
- The objectives are clearly stated and well aligned with the methodology
- Statistical analysis is appropriate and the findings are presented in a structured manner
- The study provides useful local data that adds value to existing literature from Saudi Arabia

#### Weakness of the study:

- The retrospective design limits the ability to establish causal relationships between variables
- Missing T3 and T4 values in some participants may affect interpretation of the findings
- The discussion can be strengthened with deeper comparison with regional and international studies
- Minor grammar and sentence construction issues are present throughout the manuscript
- Lack of data on thyroid medications and autoimmune markers limits complete clinical interpretation

#### Reviewers Comments:

This manuscript presents a relevant and useful study on thyroid dysfunction among patients with type 2 diabetes mellitus in Al Ahsa, Saudi Arabia. The topic is important as both diabetes and thyroid disorders commonly coexist and may influence patient management. The authors have included a reasonable sample size and the analysis is clearly organized with helpful presentation of results. Ethical clearance has been appropriately mentioned, and patient confidentiality appears to have been maintained throughout the study. The manuscript is generally well written and easy to follow, although some grammatical corrections and language polishing are needed to improve readability. The results are meaningful and support the importance of routine thyroid screening in diabetic patients. The limitations of the retrospective design, missing hormonal data, and lack of information regarding thyroid treatment should be stated more clearly in the discussion. Despite these limitations, the study offers useful clinical insight and contributes valuable regional evidence. Overall, this is a worthwhile manuscript with practical significance for diabetes care and endocrine screening.

#### Previously Published anywhere/Plagiarism check:

There is no clear indication that this work has been published previously elsewhere. The manuscript appears to present original data collected from the selected study population. The references are appropriate and relevant to the topic. A routine plagiarism screening is recommended before final acceptance to confirm originality and identify any minor text overlap, if present.