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REVIEWER'S REPORT

Manuscript No.: IJAR-58094

Title: Assessment of Cardiovascular Risk in Cases of Hypothyroidism: A Hospital Based Observational Study

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 issue with public health relevance
- Multiple cardiovascular risk factors were evaluated in the same group of patients
- Standard clinical and laboratory investigations were included
- Appropriate statistical methods were used to analyze the data
- Results are presented in a clear and organized manner
- Findings are supported with relevant recent literature
- The conclusions have practical clinical significance

Weakness of the study:

- The sample size is relatively small for broader generalization
- Single center design limits external validity
- Absence of a healthy control group reduces comparative value
- Cross sectional observational design cannot establish causality
- Some grammatical and formatting errors require correction
- The discussion could include more information on study limitations
- Long term follow up data are not available

Reviewers Comments:

The manuscript evaluates cardiovascular risk among patients with hypothyroidism using clinical, biochemical, and cardiovascular parameters. The topic is relevant because cardiovascular complications remain an important concern in patients with thyroid disorders. The study design is appropriate for the stated objectives, and the methodology is adequately described. Ethical clearance and informed consent have been mentioned, which strengthens the credibility of the research. The statistical analysis appears suitable, and the results are presented in a logical sequence with supportive tables. The manuscript is generally well written, although minor grammatical errors and language refinement would improve readability. The limitations of a single center study, relatively small sample size, and lack of long term follow up should be discussed more clearly. Including a control group would have strengthened the findings. Overall, the study contributes useful clinical information and has practical value for routine patient management. It is suitable for publication after minor revision.

Previously Published anywhere/Plagiarism check:

The manuscript appears to be an original research work, and no obvious indication of prior publication or duplicate submission was identified during this review. No apparent signs of plagiarism were observed in the submitted version. A routine plagiarism similarity check should be completed by the journal before final acceptance to ensure compliance with publication ethics.