

REVIEWER'S REPORT

Manuscript No.: **IJAR:** 54279

Date: 10/10/2025

Title: Comparison of Vaginal Fluid Creatinine for the Diagnosis of Premature Rupture of Membranes (PROM)

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. Anam Zehra**

Date: 11/10/2025

Reviewer's Comment for Publication:

The study examines the diagnostic effectiveness of vaginal fluid creatinine estimation in detecting cases of premature rupture of membranes (PROM). The topic is highly relevant from a clinical perspective, especially in low-resource healthcare settings. The research is well-structured, supported by comprehensive data, and statistically verified through ROC analysis. It offers practical insights for implementing cost-effective diagnostic methods in obstetric practice. Only minor revisions related to language clarity and formatting are required before publication.

Recommendation: Accept after minor revision

Detailed Reviewer's Report

Strengths

- Clinical Importance:** Effectively addresses a common obstetric condition with strong practical significance.
- Empirical Soundness:** Demonstrates robust statistical reliability with a sensitivity of 89.1%, specificity of 87.5%, and an AUC of approximately 0.92.
- Methodological Transparency:** Provides clear details on sampling and testing procedures, ensuring reproducibility.
- Applied Value:** Suggests a viable diagnostic method suitable for low-resource healthcare environments.
- Presentation Quality:** Data tables and analyses are well-organized, coherent, and easy to interpret.

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Weakness

- Formatting Issues:** Minor merge and spacing errors (e.g., "vaginalfluidcreatinine") should be corrected.
- Language Refinement:** Requires minor corrections in grammar, punctuation, and capitalization.
- Reference Update:** Should include recent comparative studies published between 2021 and 2024.
- Discussion Enhancement:** Integration of relevant literature with current findings could be strengthened.
- Conclusion Clarity:** Should explicitly highlight the clinical and policy implications of the findings.