

REVIEWER'S REPORT

Manuscript No.: IJAR-54216

Date: 08-10-2025

Title: Clinical Spectrum and Emerging Trends of Gynaecological Disorders in Adolescents: Insights from a Tertiary Care Center.

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. Aamina.

Reviewer's Comment for Publication.

The manuscript addresses an important and under-explored area of adolescent health by evaluating the clinical spectrum and emerging trends of gynecological disorders among adolescent girls in a tertiary care setting in northern India. The study is well-designed, with a reasonably large sample size (n=308) and a clear methodological approach that includes clinical, biochemical, and imaging evaluations.

Strengths:

- The study provides valuable data on the prevalence and patterns of gynecological disorders in adolescents, especially highlighting the rising trend of PCOS in association with obesity.
- The categorization of disorders and analysis of associations with age and BMI add depth to the findings.
- The manuscript is clearly written and well-structured, making the results easy to follow.

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- The discussion effectively situates the findings within the context of existing literature and public health relevance.

Areas for Improvement:

1. **Clarify sample representativeness:** Although the study was hospital-based, it would be beneficial to discuss potential selection bias and the generalizability of findings to the wider adolescent population.
2. **Expand on lifestyle factors:** Given the emphasis on lifestyle-related disorders like PCOS, more detailed data or discussion on lifestyle habits (diet, physical activity) would enhance the study.
3. **Minor language polishing:** Some sentences could be streamlined for better readability (e.g., avoid redundancy in the background section).

Conclusion:

This manuscript makes a significant contribution by highlighting both traditional and emerging gynecological health challenges in Indian adolescents. With minor revisions to address the above points, it is suitable for publication and will be of interest to clinicians, researchers, and public health professionals focusing on adolescent health.