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## REVIEWER'S REPORT

Manuscript No.: IJAR-56870

Title: Juvenile fibroadenoma of the breast: a case report and review of the literature

### 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*

#### Strengths of the Study

- The manuscript addresses a rare benign breast tumor in adolescents, which is clinically significant owing to its potential to mimic malignant conditions.
- The case is well-documented with detailed clinical, radiological, and histopathological findings.
- The literature review is comprehensive, providing valuable context for clinicians managing similar cases.
- The manuscript emphasizes the importance of accurate diagnosis and the role of surgical excision.
- Visual aids (photographs, ultrasound images) enhance understanding and clarify the diagnostic process.

#### Weaknesses of the Study

- The case report involves only a single patient, limiting generalizability.
- The literature review, while detailed, lacks a clear systematic methodology or inclusion criteria.
- No mention of ethical approval or informed consent procedures, which are essential for case reports involving minors.
- The manuscript's structure could be improved with clearer section organization and formatting.
- The references are somewhat outdated, with few recent citations.
- The language can be polished for clarity and grammatical accuracy.

#### Reviewer Comments

- **Title and Abstract:** The title accurately reflects the content. The abstract is clear but could be condensed for brevity and clarity, especially in emphasizing the key diagnostic challenges and surgical management.
- **Introduction and Objectives:** The introduction provides a good overview of juvenile fibroadenoma but could benefit from explicitly stating the objectives of the case report such as highlighting diagnostic challenges or reinforcing management strategies.
- **Methodology and Statistical Analysis:** As a case report, the methodology mainly involves clinical, radiological, and histopathological assessments. These are appropriately described, although more details about the histological criteria would be beneficial. There is no statistical analysis inherent to case reports and this is acceptable.
- **Results and Discussion:** Results are well-presented, with both clinical and imaging findings detailed. The discussion appropriately compares juvenile fibroadenoma with other differential

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diagnoses such as phyllodes tumors, emphasizing key diagnostic features. The literature comparison reinforces the rarity and management considerations.

- **Conclusion and Implications:** The conclusion summarizes key points well but could underscore the importance of long-term follow-up and awareness of potential recurrence.
- **Ethical Clearance:** The manuscript states that informed consent was obtained from the patient, which is appropriate. However, ethical approval from an institutional review board or ethics committee is not mentioned and should be clarified, especially since minors are involved.
- **Language and Grammar:** The manuscript is generally understandable but requires editing for language clarity and grammatical correctness. For example, some sentences could be simplified for concise communication.
- **Tables, Figures, Formatting, References:** Figures are relevant and clearly described. However, figure captions could be elaborated for transparency. The formatting needs standardization, and references should be updated for recent literature. Citation formatting is inconsistent.