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## REVIEWER'S REPORT

Manuscript No.: IJAR-56183

Title: Solitary Fibrous Tumor of the Vagina Mimicking Leiomyoma: A Rare Case Report

### 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

Date: 13.02.26

### Detailed Reviewer's Report

#### Strengths of the Study

- **Originality:** The case addresses an extremely rare entity, adding valuable insights to the limited literature on vaginal SFTs.
- **Relevance:** Highlights diagnostic challenges in differentiating SFT from more common vaginal tumors such as leiomyoma, which is highly relevant for gynecologists and pathologists.
- **Diagnostic Approach:** Emphasizes the importance of histopathology and immunohistochemistry, particularly STAT6, in establishing diagnosis.
- **Clinical Management:** Reinforces the significance of complete surgical excision and long-term follow-up, providing practical guidance.
- **Educational Value:** Enhances awareness about the possibility of rare mesenchymal tumors in the vagina, which can improve diagnostic accuracy.

#### Weaknesses of the Study

- **Single Case Report:** The findings are limited to a single patient, restricting the generalizability of conclusions.
- **Lack of Follow-Up Data:** No information provided on long-term follow-up or recurrence, which is vital given the potential for malignant transformation.
- **Absence of Molecular Analysis:** The report mentions immunohistochemistry but omits molecular studies like NAB2-STAT6 fusion, which could strengthen diagnosis.
- **Limited Imaging Details:** The description of imaging findings is somewhat superficial; detailed imaging characteristics could clarify preoperative diagnosis.
- **No Discussion on Differential Diagnosis:** A deeper discussion comparing SFT with other spindle cell tumors beyond leiomyoma would enrich the discussion.
- **Language and Clarity:** Minor grammatical issues and typographical errors distract from readability; some sentences could benefit from clearer construction.

#### Reviewer Comments

- **Title and Abstract:** The title accurately reflects the case focus. The abstract effectively summarizes key aspects but could be clearer regarding the clinical significance and implications.

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- **Introduction and Objectives:** The introduction provides sufficient background on SFT, emphasizing its rarity in the vagina. The objectives are implicit but could be explicitly stated as aiming to report this rare case and review diagnostic challenges.
- **Methodology and Analysis:** The methodology, including clinical assessment, imaging, surgical intervention, and histopathology, is appropriately described. However, the absence of molecular testing limits diagnostic robustness.
- **Results and Discussion:** The histological and immunohistochemical findings are well presented. The discussion appropriately addresses differential diagnosis and management but would benefit from more detailed comparison with similar cases in literature.
- **Conclusion and Implications:** The conclusion summarizes important clinical lessons but should explicitly mention the need for long-term surveillance due to malignant potential.
- **Ethical Clearance:** The report states that informed consent was obtained. No specific ethical approval is mentioned, which is generally acceptable for single case reports submitted for publication but should be clarified.
- **Language Quality:** The manuscript contains minor grammatical errors and typographical issues that could be improved to enhance clarity.
- **Figures, Tables, and References:** The figures are relevant and well described. Formatting is generally acceptable, but figure captions could be more detailed. The references are appropriate, current, and relevant.

### Verification of Prior Publication

The manuscript appears to be a recent, original submission and does not show evidence of prior publication on open-access platforms or preprint servers. A comprehensive internet search with key phrases indicates this is novel work, and no duplication or prior dissemination was detected.