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REVIEWER'S REPORT

Manuscript No.: IJAR-53505 Date: 21/08/2025

Title: **"Uterine Leiomyomata with Liver Metastasis: A 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: 22/08/2025

Reviewer's Comment for Publication:
The paper concludes that uterine leiomyomatosis is a rare entity with non-specific clinical features, often diagnosed postoperatively. Liver metastasis, though uncommon, can occur and may be managed conservatively without active surgical intervention in some cases. The importance of considering leiomyosarcoma in differential diagnoses of uterine masses with atypical features is emphasized, along with the necessity for vigilant follow-up.

Reviewer's Comment / Report

Strengths

1. **Comprehensive Case Detailing:** The report provides detailed clinical features, imaging findings (ultrasound, CT), and histopathological confirmation, which enhances understanding of this rare presentation.
2. **Clinical Relevance:** As uterine leiomyosarcoma with metastasis is uncommon, this case report adds value by emphasizing diagnostic considerations, differential diagnosis, and potential imaging pitfalls.
3. **Diagnostic Insight:** The paper discusses imaging modalities such as MRI, CT, and ultrasound, along with histopathology, to differentiate between benign fibroids and malignant tumors, which is critical for clinicians.
4. **Literature Integration:** It references relevant literature, including the incidence, clinical presentations, and management approaches, providing a contextual background.
5. **Follow-up and Management:** Describes the patient's ongoing management, including ultrasound surveillance, and notes the outcome, offering practical insights into disease course.

Weaknesses

1. **Limited Depth in Pathophysiology and Molecular Insights:** The report touches on clinical and imaging aspects but lacks detailed discussion on molecular characteristics or genetic markers associated with leiomyosarcoma.
2. **Absence of a Broader Data Set:** As a single case report, its findings are limited in scope; there is no discussion of how common such metastasis is or a comparison with similar cases.
3. **Imaging Details Could Be More Elaborate:** While basic imaging descriptions are provided, more detailed MRI findings or advanced imaging features could improve understanding of diagnostic nuances.
4. **Management Discussion Is Brief:** The report mentions surveillance but does not extensively discuss treatment modalities such as surgery, chemotherapy, or radiotherapy tailored to metastatic leiomyosarcoma.

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5. **Limited Discussion on Prognosis:** The report provides minimal insights into patient prognosis, survival rates, or quality of life post-treatment.