

REVIEWER'S REPORT

Manuscript No.: IJAR- 51027

Date: 10/04/2025

Title: A Rare Case of Cardiac Metastasis from Uterine Leiomyosarcoma: 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: 11/04/2025

Reviewer's Comment for Publication:

The case report provides critical insight into the rare phenomenon of cardiac metastasis from uterine leiomyosarcoma, illustrating the potential for severe complications such as heart failure and highlighting the need for early detection and comprehensive management of metastatic cardiac involvement. Although the findings are valuable, they underscore the necessity for further research to establish clearer insights and guidelines for handling such rare oncological complications. The report advocates for vigilance in observing potential cardiac involvement in patients with advanced uterine leiomyosarcoma, signaling a call for further investigation in this domain.

Reviewer's Comment / Report

Strengths

- Rare Case Presentation:** The paper highlights an uncommon occurrence of cardiac metastasis from uterine leiomyosarcoma, contributing valuable data to the limited body of literature on this topic.
- Detailed Clinical Management:** The report includes comprehensive details regarding the patient's treatment process, including chemotherapy, radiotherapy, and surgical intervention, offering insights into the management of complex cases.
- Multidisciplinary Approach:** The case emphasizes the importance of a multidisciplinary approach in diagnosing and managing metastatic diseases, particularly in identifying rare complications like cardiac involvement.
- Imaging Findings:** Incorporating imaging results and histopathological analysis adds depth and evidential backing to the claims about the progression and diagnosis of the disease.

Weaknesses

- Limited Generalizability:** As this case describes a single patient's experience, the findings may not be applicable to all patients with uterine leiomyosarcoma or cardiac metastasis.
- Lack of Long-term Follow-up:** The study does not provide long-term outcomes or follow-up data post-surgery, leaving uncertainty regarding the prognosis for similar cases.
- Small Case Series:** The literature review mentioned only 13 cases of cardiac metastasis from uterine leiomyosarcoma, indicating a significant gap in research that could limit the strength of conclusions drawn from this case.
- Focus on a Narrow Aspect:** While the case report thoroughly discusses the cardiac aspect, it may benefit from exploring other systemic impacts of the disease or broader treatment options.