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REVIEWER'S REPORT

Manuscript No.: IJAR-54971

Title: Hematoma of the Psoas Muscle in a Patient on Anticoagulants: 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: 26.11.25

Detailed Reviewer's Report

Strengths of the Paper

- **Clear Presentation of a Rare Complication:** The paper effectively highlights the clinical features and management of a rare but serious complication of anticoagulant therapy, which adds valuable insights to existing literature.
- **Detailed Case Description:** The case is described thoroughly, including clinical presentation, diagnostic process, management steps, and follow-up, facilitating understanding of complex decision-making.
- **Literature Integration:** The discussion contextualizes the case within existing literature and references multiple relevant studies, helping to underscore the rarity and clinical significance of the complication.
- **Educational Utility:** The case report emphasizes important clinical considerations, including diagnosis, management challenges, and treatment options, which can inform clinical practice.

Weaknesses of the Paper

- **Limited Methodological Transparency:** As a case report, there is no systematic methodology outlined, which is typical; however, more information on patient follow-up and outcomes could enhance the report.
- **Insufficient Detail on Diagnostic Procedures:** The imaging findings are briefly described; inclusion of images or more detailed radiological descriptions would enrich the report.
- **Lack of Discussion on Long-term Outcomes:** The paper does not address the patient's long-term prognosis or follow-up details after initial management.
- **Inconsistent Reference Formatting:** Some references lack complete citation details or proper formatting, affecting the professionalism of the manuscript.

Reviewer Comments

- **Ethical Clearance:** The paper does not mention whether ethical approval or patient consent was obtained. Although case reports often do not require formal approval, stating that informed consent was obtained or that ethical clearance was unnecessary should be included.
- **Methodology:** As a case report, formal methodology is limited; however, clarity regarding diagnostic criteria and management protocols would improve the rigor.

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- **Typographical Mistakes:** Minor typographical errors are present, such as inconsistent spacing and punctuation, which should be corrected.
- **Grammar and Language Quality:** Overall, the English is adequate but could benefit from proofreading to enhance clarity and grammatical accuracy.
- **Formatting Issues:** The document's formatting is generally acceptable; however, consistent use of headings, font styles, and reference formatting should be maintained.
- **Clarity of Objectives, Results, and Conclusion:** The objectives are implicit; explicitly stating the aim of the case report in the introduction would improve clarity. The results are clearly described, and the conclusion appropriately summarizes the key message, though it could be more concise.
- **Adequacy of References:** The references cited are relevant but somewhat limited. Incorporation of additional recent studies on similar complications would strengthen the manuscript.
- **Missing or Incomplete Information:** Details on long-term patient follow-up and specific radiological images are missing, which would provide a more comprehensive understanding of the complication and its management.