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REVIEWER'S REPORT

Manuscript No.: IJAR-55133

Title: "Case Report-Pyoderma gangrenosum following Laparotomy-A diagnostic challenge"

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: 09.12.25

Detailed Reviewer's Report

Strengths of the Paper

- **Detailed Case Presentation:** The paper offers an in-depth description of a rare presentation of pyoderma gangrenosum following laparotomy, highlighting the diagnostic challenges and management strategies.
- **Clear Clinical Insights:** It emphasizes the importance of clinical suspicion and thorough differential diagnosis to avoid unnecessary surgical interventions.
- **Comprehensive Literature Review:** The discussion section incorporates relevant references, including diagnostic criteria and associated conditions, which enhance the understanding of PG.
- **Use of Visual Aids:** Inclusion of figures and diagrams adds clarity to the clinical course and histopathological findings.
- **Educational Value:** The report underscores critical aspects such as the autoimmune nature of PG and the significance of early immunosuppressive therapy.

Weaknesses of the Paper

- **Limited Methodological Detail:** The case description lacks detailed information on laboratory investigations, histopathological examinations, and differential diagnosis beyond initial considerations.
- **Absence of Ethics Statement:** There is no mention of ethical approval or patient consent, which is essential even in case reports.
- **Formatting and Typographical Issues:** Minor formatting inconsistencies and typographical errors are present, such as inconsistent spacing and punctuation issues.
- **Language and Grammar:** Several sentences could be revised for clarity and grammatical correctness, especially to improve readability.
- **Inadequate Discussion of Follow-up:** The paper does not specify long-term outcomes or follow-up measures for the patient.
- **Incomplete Reference Citations:** Some references are mentioned but lack complete details, reducing their utility.
- **Limited Exploration of Differential Diagnoses:** Other potential conditions mimicking PG are not extensively discussed or ruled out.

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Reviewer Comments

- **Ethical Clearance:** The paper does not mention whether ethical approval was obtained or if patient consent was secured. Typically, for case reports, explicit mention of informed consent is necessary.
- **Methodology Issues:** The methodology primarily involves a single case description with limited laboratory or histopathological data. Additional investigations, such as cultures or immune markers, could strengthen the diagnosis.
- **Typographical Mistakes:** Minor typos such as inconsistent spacing (“POD 4068,” “Triamcilone actonide”) and typographical errors need correction.
- **Grammar and Language:** The writing would benefit from grammatical proofreading; sentences are occasionally awkward, affecting clarity.
- **Formatting:** Standardize headings, figure numbering, and citation formats for consistency throughout the manuscript.
- **Clarity of Objectives, Results, and Conclusions:** The objectives are implied but not explicitly stated. Results and conclusions are generally clear but could be presented more concisely. Explicitly stating the learning points would be helpful.
- **References:** Some references are incomplete or formatted inconsistently; updating and standardizing references is recommended.
- **Missing Information:** Details about long-term follow-up, patient outcomes, and any subsequent management adjustments are lacking.