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REVIEWER'S REPORT

Manuscript No.: IJAR-56248

Title: Catastrophic Consequences of A Trivial Trauma In An Immunocompetent Patient: 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: 16.02.26

Detailed Reviewer's Report

Strengths of the Study:

- The case report addresses a rare presentation of necrotising fasciitis in an immunocompetent individual without typical risk factors, adding valuable insight to the literature.
- Highlights the importance of high clinical suspicion and early surgical intervention in life-threatening soft tissue infections.
- Incorporates multidisciplinary management, demonstrating improved patient outcomes.
- Provides detailed clinical course, diagnostic workup, and treatment approach, which can serve as a practical guide for clinicians.
- Discusses relevant diagnostic scoring systems such as LRINEC and emphasizes their role in early detection.
- Illustrates the utility of various imaging modalities and laboratory investigations in complex cases.

Weaknesses of the Study:

- Being a single case report, the findings have limited generalizability.
- The methodology lacks detailed description of certain diagnostic criteria and the rationale for specific treatment choices, such as the selection of antibiotics.
- No mention of ethical approval or informed consent from the patient for publication.
- The discussion could include more recent literature and clarify how this case expands current understanding of necrotising fasciitis in immunocompetent patients.
- The presentation of some clinical data (e.g., laboratory values) could be more structured, with clear timelines.
- The lack of comprehensive follow-up data limits understanding of long-term outcomes after secondary suturing.
- Figures are referenced but not embedded directly within the text, reducing clarity for visual representation.

Reviewer Comments:

- **Title and Abstract Clarity:** The title is concise but can be improved by avoiding capitalization inconsistencies. The abstract effectively summarizes the case but should explicitly state the clinical significance and emphasize the rarity in immunocompetent patients.

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- **Introduction and Objectives:** The introduction adequately contextualizes necrotising fasciitis, but the specific aim of the report (e.g., highlighting an atypical case) should be clearly articulated in the objectives.
- **Methodology and Statistical Analysis:** As a case report, formal statistical analysis is not applicable; however, a detailed clinical decision-making process, diagnostic criteria, and rationale for management steps should be outlined more explicitly.
- **Results and Discussion:** The case description is comprehensive, but discussion on differential diagnoses and comparison with similar cases in literature would strengthen the manuscript. The authors should discuss the implications of managing such cases in immunocompetent hosts.
- **Conclusion and Implications:** The conclusion appropriately emphasizes early recognition and intervention. It could be enhanced by proposing specific clinical recommendations or diagnostic algorithms.
- **Ethical Clearance:** The manuscript does not mention obtaining ethical approval or patient consent for publication, which is mandatory for case reports. Clarify if consent was obtained and whether institutional review was considered necessary.
- **Language and Presentation:** Overall, the language is understandable but contains grammatical inconsistencies, typographical errors, and awkward phrasing that require editing. Some sections could benefit from clearer structure and improved coherence.
- **Figures, Tables, Formatting, References:** Figures are referenced but not included in the text; embedding high-quality images with legends is recommended. The reference list appears appropriate but should follow a consistent style, and in-text citations need to match references precisely.

Note: The detailed nature, specific patient information, and case-specific data suggest that it is a new submission. To verify prior publication, systematic searches in scientific databases like PubMed, Google Scholar, or institutional repositories with key details (e.g., title, authors, unique aspects of the case) would be necessary.