

Review Form 3

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| Journal Name: | Asian Journal of Case Reports in Surgery |
| Manuscript Number: | Ms_AJCRS_127153 |
| Title of the Manuscript: | Acute necrotizing colitis : a case report and literature review. |
| Type of the Article | Case report |

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1-reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1-reviewerhub.org/benefits-for-reviewers>

PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
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| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | This manuscript is an important contribution to the scientific community as it highlights a rare case of necrotizing colitis in an adult patient with a unique association with a prior SARS-CoV-2 infection. As necrotizing colitis primarily affects premature infants, the adult case is not only rare but also presents unique diagnostic and therapeutic challenges. The manuscript combines a detailed case report with a literature review to expand the understanding of possible thromboembolic complications associated with COVID-19 and provides insights into the pathophysiology and treatment of necrotizing colitis. I appreciate the relevance of this manuscript in the context of post-COVID-19 complications and the emphasis on urgent, multidisciplinary care, which can guide clinicians in future cases. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title, "Acute necrotizing colitis: a case report and literature review," is appropriate because it accurately describes the content and format of the article. However, it could be more specific to highlight the unique aspects of this case. For example: Suggested Alternative Title: "Necrotizing Colitis in an Adult Following SARS-CoV-2 Infection: A Case Report and Literature Review" This revised title draws attention to the connection with SARS-CoV-2, a key aspect that may attract more readers interested in COVID-19-related complications. | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract provides a good basis for this case by summarizing the rare case of necrotizing colitis in an adult, noting its association with previous SARS-CoV-2 infection, and emphasizing the urgency of treatment. However, some additions could make the abstract more comprehensive: 1-Clinical Presentation and Diagnostics: Briefly mention the patient's symptoms (e.g., abdominal pain, distension) and the use of CT imaging to diagnose sigmoid necrosis due to inferior mesenteric artery thrombosis. This would offer readers a quick insight into the diagnostic process. 2-Outcome: Include a short statement on the patient's recovery and follow-up care to complete the clinical picture. 3-Treatment Details: The abstract could benefit from specifying the main components of treatment, particularly the surgical intervention and LMWH therapy, as it underscores the need for multidisciplinary care. | |
| Are subsections and structure of the manuscript appropriate? | The structure of the manuscript is mostly appropriate, following a standard case report format consisting of an abstract, introduction, case presentation, discussion, and conclusion. This format effectively guides the reader through the case and its relevance to the existing literature. However, a few adjustments could improve clarity and readability: 1-Introduction: The introduction could be slightly expanded to provide more background on necrotizing colitis in adults, specifically its rarity and potential associations with thromboembolic events post-SARS-CoV-2. This would set the context | |

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| | <p>more effectively for readers.</p> <p>2-Case Presentation: This section is well-organized, but it might benefit from subheadings to improve flow, such as:</p> <ul style="list-style-type: none"> • Clinical Presentation: Summarize the patient’s symptoms and initial assessment. • Diagnosis: Detail the findings from the CT scan and other diagnostic tests. • Treatment and Follow-up: Outline the surgical procedure and follow-up medical management. <p>3-Discussion: The discussion could include subheadings that address specific points, such as "Etiology and Pathophysiology" and "Management and Outcomes." This would help readers follow the logical progression from the underlying cause of the condition to its treatment and implications.</p> | |
| <p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p> | <p>This manuscript is scientifically and technically sound as it follows a structured approach to present a rare case of necrotizing colitis in an adult, emphasizing thorough clinical observation and evidence-based treatment. The authors accurately describe the patient's condition, the findings of diagnostic imaging, and the specific surgical and medical interventions that led to recovery, reflecting an understanding of best practices for emergency surgery.</p> | |
| <p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> | <p>The references included in the manuscript cover foundational studies on necrotizing colitis and provide context for the clinical presentation, diagnosis, and management strategies used in this case.</p> | |
| <p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p> | <p>The language quality of the article is generally suitable for scholarly communication, as it is clear and uses appropriate medical terminology. However, some minor improvements could enhance readability and precision:</p> <p>1-Sentence Structure and Flow: Some sentences are long and may benefit from simplification or splitting for easier comprehension.</p> <p>2-Grammar and Word Choice: Small adjustments in word choice (e.g., "confection of a double stoma" could be clarified as "creation of a double stoma") and consistency in tense would improve the flow.</p> <p>3-Technical Language: A few sections, particularly in the case presentation, could benefit from concise expressions to make clinical information clearer for international readers unfamiliar with regional medical phrasing.</p> | |
| <p><u>Optional/General</u> comments</p> | | |

PART 2:

| | Reviewer’s comment | Author’s comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| <p>Are there ethical issues in this manuscript?</p> | <p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> | |

Reviewer Details:

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| Name: | Ruaa Maan Attallah |
| Department, University & Country | AL-Nahrain University, Iraq |