

Review Form 3

Journal Name:	Asian Journal of Case Reports in Surgery
Manuscript Number:	Ms_AJCRS_125432
Title of the Manuscript:	Cystic lesion of the liver causing an extreme elevation in carbohydrate antigen 19-9: Simple biliary cyst
Type of the Article	Case report

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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>
<p>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.</p>	<p>This manuscript is significant for the scientific community as it explores a rare presentation of a simple biliary cyst causing an extreme elevation in carbohydrate antigen 19-9 (CA 19-9). Understanding this unusual correlation helps broaden the diagnostic considerations for clinicians when faced with elevated CA 19-9 levels, often associated with malignancies. By shedding light on benign causes like simple biliary cysts, this study contributes to more accurate diagnoses, potentially avoiding unnecessary invasive procedures and providing insights into the complex mechanisms underlying cystic liver lesions.</p> <p>SEE ATTACHEMENT</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes.</p>	
<p>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.</p>	<p>Your abstract covers the key points of the case, but there are a few areas that could be refined for clarity and flow. Here are my suggestions:</p> <ol style="list-style-type: none"> 1. Aims Section: It could be helpful to add a sentence explaining the clinical significance of CA 19-9 and its role in diagnosing or monitoring diseases. This would give more context for readers unfamiliar with its use. 2. Presentation of Case: The patient's clinical details are well-presented, but you could include brief information about any symptoms or other findings that led to the hepatectomy beyond the elevated CA 19-9. 3. Discussion and Conclusion: This section could benefit from a clearer statement on the need for careful interpretation of elevated CA 19-9 levels. You mention unnecessary test requests, but perhaps elaborate on how high levels in non-malignant conditions should be addressed clinically. 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</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 robust and technically sound as it presents a well-documented case of elevated CA 19-9 levels linked to a simple biliary cyst, a rare yet noteworthy occurrence. The methodology of correlating high CA 19-9 levels with non-malignant conditions is accurately discussed, emphasizing the importance of careful interpretation. The rapid normalization of CA 19-9 post-surgery adds valuable clinical insight, supporting the manuscript's validity in addressing differential diagnoses. Moreover, the recommendation against routine CA 19-9 screening aligns with current medical guidelines, making it both evidence-based and practical.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>=</p>	<p>The references you've listed for the article "Cystic lesion of the liver causing an extreme elevation in carbohydrate antigen 19-9: Simple biliary cyst" seem comprehensive and cover relevant studies, including case reports, reviews on CA 19-9, and hepatic cyst evaluations. Most references are relatively recent, especially those from 2020 and 2024. However, there may be a need to include newer studies beyond 2020 that further explore CA 19-9 elevation in non-malignant cases, if available. Adding research focused on diagnostic imaging or treatment outcomes in hepatic cysts could enhance the article's robustness.</p>	

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<p>Minor 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 clear and suitable for scholarly communication, but it could be made more concise and polished.</p> <p>Title: Cystic Lesion of the Liver Causing Elevated Carbohydrate Antigen 19-9: Simple Biliary Cyst</p> <p>Abstract:</p> <p>Aims: Carbohydrate antigen (CA) 19-9 is produced by various epithelial cells, including those in the pancreas, bile ducts, and colon. Elevated CA 19-9 levels are seen in many conditions, such as ovarian cysts, renal failure, and lung diseases, apart from hepato-pancreatobiliary issues. However, the link between high CA 19-9 and disease severity is not fully understood.</p> <p>Case Presentation: A 56-year-old woman had a CA 19-9 level of 8634 U/mL and a large liver cyst. She underwent hepatectomy, and pathology confirmed a simple biliary cyst. Post-surgery, CA 19-9 levels quickly normalized.</p> <p>Discussion and Conclusion: Elevated CA 19-9 can be found in healthy individuals due to unnecessary testing. As a tumor marker, it often leads to further malignancy screening, though routine use is not recommended. However, unusually high levels should prompt further investigation.</p> <p>This version uses simplified and concise language while retaining the essential details.</p>	
<p>Optional/General comments</p>	<p>The manuscript does not appear to present any significant ethical issues. The patient's privacy is maintained, and the case is presented for educational purposes with no identifiable information. The study emphasizes the importance of careful interpretation of CA 19-9 levels to avoid unnecessary interventions, which aligns with ethical medical practice. There are no competing interest issues in this manuscript.</p> <p>No plagiarism is suspected.</p> <p>This manuscript is well-crafted and provides valuable information, but it could benefit from a few minor adjustments. Incorporating more recent references, offering details about long-term follow-up, and discussing the implications for clinical practice would really enhance the overall quality of the work.</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)
<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>	

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