

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 56640

Title: Severe hyperlipemia-induced pseudoerythrocytosis: Implication for misdiagnosis and blood transfusion: A case report and review of literature

Reviewer's code: 02445408

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor, Doctor

Reviewer's Country/Territory: Cuba

Author's Country/Territory: China

Manuscript submission date: 2020-05-08

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-06-20 15:56

Reviewer performed review: 2020-06-30 05:04

Review time: 9 Days and 13 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Severe hyperlipemia-induced pseudoerythrocytosis: initially misdiagnosed as myeloproliferative neoplasm, potentially complicating blood transfusion indications

Authors: Xi-Chen Zhao, Bo Ju, Na Wei, Jian Ding, Fan-Jun Meng, Hong-Guo Zhao Title: In 13 words included key elements of the case studied: Hyperlipemia, myeloproliferative neoplasm. Abstract: Is an structured abstract, with 333 words. Is structured according to the required format Key words: 7 that reflect the content of the study Core Tip: In 99 words, the authors showed a summary of the content of the manuscript highlighting the importance of a laboratory mistake in the diagnose of a patient. The misinterpretation could lead an erratic management of the patient. Introduction: Authors made the description of the clinical problem of a patient with a pancreatitis, which was previously, misdiagnose as a myeloproliferative disorder. The rational of the work is related with the possible lab mistaken by automated blood counter when fat droplets in blood samples are identified as blood cells due to the limited parameters of the ABCC. Case presentation: Clinical patient characteristics were described properly in the case report. The lab technic to lead the detection of the suspected mistake was described in detail, diagnosis of recurrent pancreatitis, hyperlipemia and pseudoerythrocytosis was made. Genetic evaluation was made in order to evaluate a possible myeloproliferative disorder that was negative. After the discussion with the gastroenterology department patient was treated according to the Guidelines for chronic pancreatitis. The outcome is reflected in the paper, that was good. Lectors can learn about this particular case, and be awareness about some type of lab technics and it probable consequence for patients, according with the elevated frequency of Hyperlipemia as a consequence of metabolic abnormalities. Authors highlight the importance of made the differential diagnosis of the erythrocytosi in the presence of Hyperlipemia. Conclusion: Is a justified conclusion but is



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lack of the recommendation for the application in the clinical practice

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Manuscript submission date: 2020-05-08

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-06 14:21

Reviewer performed review: 2020-08-06 15:10

Review time: 1 Hour

Scientific quality	[<input checked="" type="radio"/>] Grade A: Excellent [<input type="radio"/>] Grade B: Very good [<input type="radio"/>] Grade C: Good [<input type="radio"/>] Grade D: Fair [<input type="radio"/>] Grade E: Do not publish
Language quality	[<input checked="" type="radio"/>] Grade A: Priority publishing [<input type="radio"/>] Grade B: Minor language polishing [<input type="radio"/>] Grade C: A great deal of language polishing [<input type="radio"/>] Grade D: Rejection
Conclusion	[<input checked="" type="radio"/>] Accept (High priority) [<input type="radio"/>] Accept (General priority) [<input type="radio"/>] Minor revision [<input type="radio"/>] Major revision [<input type="radio"/>] Rejection
Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

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Thanks you for the acceptance of my comment. The paragraf that you had added, in my opinion complete the high quality of your work. It will be a tool for the practice clinicians