

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 60047

Title: Vancomycin-induced thrombocytopenia in endocarditis: A case report and narrative literature review

Reviewer's code: 03847081

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Serbia

Author's Country/Territory: China

Manuscript submission date: 2020-10-13

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2020-11-25 22:20

Reviewer performed review: 2020-12-05 14:27

Review time: 9 Days and 16 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 Grade E: Do not publish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 type="checkbox"/> Grade A: Priority publishing <input checked="" 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 type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" 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

Criteria Checklist for New Manuscript Peer-Review

- 1 Title. Does the title reflect the main subject/hypothesis of the manuscript? YES
- 2 Abstract. Does the abstract summarize and reflect the work described in the manuscript? YES
- 3 Key words. Do the key words reflect the focus of the manuscript? YES
- 4 Background. Does the manuscript adequately describe the background, present status and significance of the study? YES
- 5 Methods. Does the manuscript describe methods (e.g., experiments, data analysis, surveys, and clinical trials, etc.) in adequate detail? YES
- 6 Results. Are the research objectives achieved by the experiments used in this study? What are the contributions that the study has made for research progress in this field? YES
- 7 Discussion. Does the manuscript interpret the findings adequately and appropriately, highlighting the key points concisely, clearly and logically? Are the findings and their applicability/relevance to the literature stated in a clear and definite manner? Is the discussion accurate and does it discuss the paper's scientific significance and/or relevance to clinical practice sufficiently? The manuscript interpret the findings adequately and appropriately, highlighting the key points concisely, clearly and logically. Also, the findings and their applicability/relevance to the literature stated in a clear and definite manner, the discussion is accurate and discuss the paper's scientific significance and/or relevance to clinical practice sufficiently.
- 8 Illustrations and tables. Are the figures, diagrams and tables sufficient, good quality and appropriately illustrative of the paper contents? Do figures require labeling with arrows, asterisks etc., better legends? The figures, diagrams and tables are sufficient, have a good quality and are appropriately illustrative for the paper contents and do not require additional corrections.
- 9 Biostatistics. Does the manuscript meet the requirements of biostatistics? YES
- 10 Units. Does the manuscript meet the requirements of use of SI units? YES
- 11 References. Does the manuscript cite



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appropriately the latest, important and authoritative references in the introduction and discussion sections? Does the author self-cite, omit, incorrectly cite and/or over-cite references? The manuscript cites appropriately the latest, important and authoritative references in the introduction and discussion sections without self-cite, omit, incorrectly cite and/or over-cite references. 12 Quality of manuscript organization and presentation. Is the manuscript well, concisely and coherently organized and presented? Is the style, language and grammar accurate and appropriate? The manuscript is well, concisely and coherently organized with accurate and appropriate language and grammar. 13 Research methods and reporting. Authors should have prepared their manuscripts according to manuscript type and the appropriate categories, as follows: (1) CARE Checklist (2013) - Case report; (2) CONSORT 2010 Statement - Clinical Trials study, Prospective study, Randomized Controlled trial, Randomized Clinical trial; (3) PRISMA 2009 Checklist - Evidence-Based Medicine, Systematic review, Meta-Analysis; (4) STROBE Statement - Case Control study, Observational study, Retrospective Cohort study; and (5) The ARRIVE Guidelines - Basic study. Did the author prepare the manuscript according to the appropriate research methods and reporting? Authors have prepared their manuscripts according to CARE Checklist (2016). 14 Ethics statements. For all manuscripts involving human studies and/or animal experiments, author(s) must submit the related formal ethics documents that were reviewed and approved by their local ethical review committee. Did the manuscript meet the requirements of ethics? The manuscript meets the requirements of ethics and Signed Informed Consent was submitted. This paper describes vancomycin-induced thrombocytopenia in patient with endocarditis and literature review of such cases. Although the manuscript is well written, easy to read and to understand, this reviewer has the following minor suggestions: Introduction 1. Page 5, line 4 - "...used in the treatment of diseases", please, insert "various" between "of" and "diseases" ("...used in the treatment of

various diseases") 2. Page 5, line 15 - "...and this has been considered as" should be changed to "...and has been considered as" 3. Page 5, line 16 - "clinically" should be changed to "clinical" Case presentation and literature review 1. Page 6, line 2 - Please, avoid the use of jargon phrases in scientific papers (e.g. "etc") and specify all clinically significant signs and symptoms from patient's history 2. Page 6, line 7 - "...with multiple courses of medical therapy..." should be changed to "...with multiple courses of medication therapy..." or "...with multiple courses of drug therapy..." 3. Page 6, line 9 - "bacteria culture" should be changed to "bacterial culture" 4. Page 6, line 10 - "...with an MIC..." should be changed to "...with the minimum inhibitory concentration (MIC)..." 5. Page 6, line 13 - "...vancomycin was used for the patient with infective endocarditis." should be shortened to "...vancomycin was prescribed." 6. Page 6, line 26 - "...the minimum effective treatment concentration..." should be changed to "...the minimal effective treatment concentration..." 7. Page 7, line 16 - "There have been no reports on the occurrence of VIT caused by..." should be changed to "There have been no reports on the occurrence of drug-induced thrombocytopenia caused by..." 8. Page 7, line 23 - "published in English journals" - please delete "journals" because the cases were published in English, but not all journals cited in the reference list are from England (e.g. "Braz J Infect Dis", "Southeast Asian J Trop Med Public Health", "Korean J Hematol"...) 9. Page 8, line 1 - "14 cases were female and 24 cases were male" should be changed to "14 cases were females and 24 cases were males" 10. Page 8, line 2 - "The mean age of these cases was 55.54 years old (range: 0-81 years old)" should be changed to "The mean age of these patients was 55.54 \pm xx years (range: xx months-81 years)". Please, if the authors of the papers in which the infants with VIT are described have indicated their age in months, replace "0" with the number of months of the youngest infant. Also, authors should calculate standard deviation for the average age of patients. 11. Page 8, line 2 and 3 - "Furthermore, four children were under two



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years old, and 36 cases were adults with 26-81 years old" should be changed to "Furthermore, four children were under 2 years of age, while 34 patients were 26-81 years old adults." 12. Page 8, line 14 - "However, merely two cases were detected for vancomycin-dependent antibodies, and one of the cases was positive" should be changed to "The presence of vancomycin-dependent antibodies was examined only in two patients and positive results were obtained in one of them" Discussion 1. Page 9, line 7 and 8 - "...that this is associated with VIT", please, delete "this"

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Manuscript submission date: 2020-10-13

Reviewer chosen by: Han Zhang (Part-Time Editor)

Reviewer accepted review: 2020-12-29 12:46

Reviewer performed review: 2020-12-29 15:28

Review time: 2 Hours

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The manuscript was revised according to the reviewer's suggestions and, in this form, it is completely acceptable for publication.