

Responses to reviewer

Thank you very much for your encouraging comments. You will find herewith our answers to your comments.

In order to improve the quality of Case report manuscripts, authors should:

- 1) Download the 'CARE Checklist – 2016: Information for writing a case report' before the peer review process;
- 2) Complete the checklist to ensure that the manuscript meets the requirements of the CARE Checklist – 2016: Information for writing a case report;
- 3) State on the title page of the manuscript that the guidelines of the "CARE Checklist – 2016: Information for writing a case report" have been adopted;
- 4) And, upload the PDF version of the completed checklist to the system.

The guidelines of the "CARE Checklist – 2016: Information for writing a case report" have been adopted (Lines 44-45) and the document has been completed. In accordance to these guidelines, we made the following changes:

- Lines 5-6: We added the words "case report" to the title.
- Line 13-14 and 47-50: I changed my work informations because I changed my workplace.
- Lines 39-40: We completed the "informed consent statement". We obtained the patient's informed consent and we provide you this document.
- Lines 63-85: The abstract has been changed with the requested subsections.
- Line 87: We added the words "case report" to the key words.
- Line 90: The audio Core Tip will be added to the requested documents.
- Lines 255-256 and 264: We noted the final diagnosis in the case report and added the TEE evaluation at long-term follow-up

- The multidisciplinary expert consultation is not relevant since we did not have a meeting with all experts together.
- Line 276-277: We completed "FINAL DIAGNOSIS" who was a ICD-related mitral valve endocarditis due to *Serratia marcescens*.
- Line 279-283: We completed "TREATMENT": the patient get whole ICD extraction and we detailed the antibiotics he get.
- Lines 285-286: We completed "OUTCOME": the patient was cured and he had no recurrence at follow-up.

All the references should be cited in the text in incremental order, i.e., 1, 2, 3...

Lines 192 and 194: The references order has been changed in the text and in the reference list to appear in an incremental order in the text.

Present the timeline as a figure showing when events occurred. It was very difficult to follow what transpired as outline in the body of the paper.

We add a figure representing the timelines on lines 271-273 to become clearer about the events who occurred during the hospitalization. We also specified some dates in the case report to be more accurate.

Currently, HACEK is now called AACEK. The H switch to A is because *Haemophilus aphrophilus* is now *Aggregatibacter aphrophilus*. Please make this change throughout your paper. Always refer to Non-AACEK GNB and not lead with the GNB

We adapted the manuscript with these changes on lines 5, 8, 64, 70, 71, 84, 87, 90, 93, 97, 117, 122, 126, 130, 135, 137, 141, 146, 154, 289, 325, 333, 336, 338, 346

An introduction comes before the case presentation.

The introduction has been placed before the case presentation by your team.

The paper needs some English language work throughout.

We get an Editing Certification for English language from Springer Nature Author Services. We made all the grammar, punctuation and spelling corrections they proposed throughout the manuscript.

Inserting line numbers in the paper helps the reviewer point out exactly where corrections should be made

The line numbers have been inserted.

A paragraph is not one sentence.

We made the change on lines 208-209.

In the reference section, italicize all genus and species names. In the reference section, all journal names need to be abbreviated.

The corrections have been made appropriately.

Beta-lactams are two words, not one, with a hyphen in between. Be consistent in spelling piperacillin used to treat the patient.

These spelling errors have been corrected on lines 159, 185, 231, 236, 245-246, 312.