

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 84142

Title: Subacute osteomyelitis due to *Staphylococcus caprae* in a teenager: A case report and review of the literature

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00506623

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: Switzerland

Manuscript submission date: 2023-02-28

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-03-17 15:02

Reviewer performed review: 2023-03-17 15:50

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Minor revision <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

The paper describes a novel case study of a patient with subacute osteomyelitis caused by *Staphylococcus caprae*. The history and medical findings have been well laid out. The case study is relevant to the medical establishment. A number of things need to be modified to make the paper better. 1. There are numerous English language issues throughout the paper. Someone with more proficient English skills should review the paper. 2. Use continuous line designations, not page specific. 3. Don't use acronyms without identifying what the acronym stands for (e.g. ESR). 4. What microbiological techniques were used to identify the species as *S. caprae*? 5. Lines 21 - 22 does not make sense. Genetic analyses *S. caprae* closely related to *S. epidermidis* and *S. caprae*? 5. Lines 23 - 24 on third page. *S. caprae* has the *ica* operon. Does the species have the *dltA-D* operon, the *cidA-C* operon, or the *psm* gene? How do the Ica proteins contribute to biofilm formation in the species? 6. Your species names need to be italicized in the reference section. 7. Call them figure rather than photos. Photo 2 needs to have better resolution.

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Peer-review model: Single blind

Reviewer's code: 05385950

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Switzerland

Manuscript submission date: 2023-02-28

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-03-24 01:07

Reviewer performed review: 2023-03-24 01:19

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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

SPECIFIC COMMENTS TO AUTHORS

Dear Authors, Thank you for submitting your manuscript entitled "Subacute osteomyelitis due to Staphylococcus caprae in a teenager; a case report and review of the literature" to World Journal of Clinical Cases. I have carefully reviewed your submission and found it to be an interesting and informative case report, highlighting a rare instance of subacute osteomyelitis caused by Staphylococcus caprae in a teenage patient. Before I proceed with specific comments and suggestions for improvement, I would like to provide an overall assessment of the manuscript. Your study design and presentation of the case are clear and concise, and the literature review provides valuable context to the current state of knowledge on this topic. However, there are several areas that could benefit from further clarification, elaboration, or revision to enhance the quality and impact of your manuscript. In the following sections, I will provide detailed comments and recommendations for revisions. Please note that these suggestions are intended to help improve the manuscript and should be considered carefully. I look forward to receiving a revised version of your submission. (1) In the Introduction, please clarify the abbreviation "CCSS" as it seems to be a typographical error, and it should be "CNSS"

for Coagulase-negative Staphylococcus species. (2) Please provide a brief overview of the clinical significance of coagulase-negative staphylococci in the Introduction. (3) In the Introduction, consider rephrasing "fortunately confidential" to "fortunately rare" for better clarity. (4) In the Case Report section, please provide more information about the patient's medical history and any relevant comorbidities that may have predisposed her to this infection. (5) In the Case Report section, please clarify the treatment plan regarding follow-up and any imaging or laboratory tests performed during the course of treatment. (6) In the Discussion section, please elaborate on the potential factors contributing to the misidentification of *S. caprae* strains by conventional phenotypic identification systems. (7) In the Discussion section, consider discussing any potential limitations of molecular techniques used for identifying *S. caprae* strains. (8) In the Discussion section, please provide more information on the relationship between biofilm formation and virulence of *S. caprae* infections. (9) In the Discussion section, consider discussing the potential factors contributing to the development of subacute osteomyelitis in the reported case. (10) In the Conclusion section, consider discussing the clinical implications of the findings and the need for increased awareness among clinicians regarding *S. caprae* infections. (11) Please add a brief statement about the limitations of the study and any possible bias in the analysis or interpretation of the data. (12) In the Ethics approval and consent to participate section, please confirm whether written informed consent was obtained from the patient and/or her legal guardian for participation in the study. (13) Please provide details about the process of obtaining consent for publication from the patient and/or her legal guardian, including the format in which consent was obtained (e.g., written, verbal, etc.). (14) In the References section, please ensure that all citations are properly formatted and complete, following the style guide of the target journal. (15) Throughout the manuscript, please check for any grammatical, punctuation, or spelling errors to ensure clarity and readability.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: Switzerland

Manuscript submission date: 2023-02-28

Reviewer chosen by: Jing-Jie Wang

Reviewer accepted review: 2023-04-12 13:05

Reviewer performed review: 2023-04-12 16:22

Review time: 3 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 type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The authors have addressed the concerns that were raised.