

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 78920

**Title:** The Influence of Group B Streptococcus and Vaginal Cleanliness on The Vaginal Microbiome of Pregnant Women

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06099525

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Belgium

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-08-01

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-08-07 02:05

**Reviewer performed review:** 2022-08-20 10:29

**Review time:** 13 Days and 8 Hours

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 Grade E: Do not publish
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

<b>Peer-reviewer statements</b>	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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## SPECIFIC COMMENTS TO AUTHORS

Group B Streptococcus is a gram-positive bacterium that transiently and asymptotically colonizes the vagina and gastrointestinal tracts of healthy women. And it is the principal reason for invasive bacterial disorders in newborns and lethal diseases in infants. The correlation of GBS status and vaginal cleanliness with the vaginal microbiome is still obscure. This study designed to investigate the effects of GBS status and vaginal cleanliness on the vaginal microbiome of pregnant women. The aim of the study is clear, the methods are described in detail. Comments: 1. The abstract should be revised. This section should be divided to background, methods, results and conclusion. 2. Some minor language polishing should be corrected. 3. The reference list seems repeated, please check, and make an update.

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**Reviewer's code:** 06081553

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Research Associate

**Reviewer's Country/Territory:** Switzerland

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-08-01

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-08-07 02:05

**Reviewer performed review:** 2022-08-20 10:30

**Review time:** 13 Days and 8 Hours

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
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#### **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting study of the influence of Group B Streptococcus and vaginal cleanliness on the vaginal microbiome of pregnant women. The study is well designed and the manuscript is well written. In this study, the authors found that Group B Streptococcus status and vaginal cleanliness significantly affect vaginal microbiome differences in pregnant women. This study provides some instructional information for treatment of different GBS statuses and vaginal cleanliness of pregnant women. The reviewer recommends to accept this manuscript after an editing. The authors should improve the manuscript carefully according to the guideline of the journals.