

PEER-REVIEW REPORT

Name of journal: World Journal of Obstetrics and Gynecology

Manuscript NO: 56334

Title: Streptococcus agalactiae: Sensitivity profile in pregnant women attended at health units in northeastern Brazil

Reviewer's code: 00742373

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2020-04-26

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-07-25 12:22

Reviewer performed review: 2020-07-28 04:28

Review time: 2 Days and 16 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 Grade E: Do not publish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
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

The manuscript studied the sensitivity profile of group B streptococcus (GBS) from 38 pregnant women. Results demonstrated all GBS strains were sensitive to ampicillin, cefotaxime and vancomycin, but about 1/5 strains resistant to second line antibiotics, clindamycin and erythromycin. The authors suggested chemoprophylaxis for GBS during pregnancy should be guided by antimicrobial susceptibility test for those patients allergic to the first line antibiotics. GBS infection is associated with chorioamnionitis, premature rupture of membranes, and neonatal infection. Screening for GBS infection in pregnant women and manage the infected ones will be benefit to the perinatal outcomes. This cross-section study on GBS chose appropriate late pregnant women for the sensitivity profile test. The result is significant to guide obstetricians for choosing antibiotics for those pregnant women allergic to the first line antibiotics. Improvement suggestions: • English grammar should be improved. • Please provide a reference to the last sentence in Introduction paragraph 4: To prevent vertical transmission of GBS, intrapartum prophylaxis with crystalline penicillin G is recommended - 5 million units as an attack dose and 2.5 million units, every 4 hours, until delivery. • In Method the 3rd paragraph, where were the samples collected has not been described. It should be clearly described the place when using vaginorectal swabs to collect samples. •

Please provide detail description of the method on the identification of GBS though there was a simple paragraph on this part. It is not enough for such an important content. The method and results of the GBS identification should be included in detail in the manuscript.

PEER-REVIEW REPORT

Name of journal: World Journal of Obstetrics and Gynecology

Manuscript NO: 56334

Title: Streptococcus agalactiae: Sensitivity profile in pregnant women attended at health units in northeastern Brazil

Reviewer's code: 03271970

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor, Doctor, Surgeon

Reviewer's Country/Territory: United States

Author's Country/Territory: Brazil

Manuscript submission date: 2020-04-26

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-08-01 00:43

Reviewer performed review: 2020-08-01 00:54

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
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
Re-review	<input type="checkbox"/> Yes <input checked="" 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

Well written manuscript.

PEER-REVIEW REPORT

Name of journal: World Journal of Obstetrics and Gynecology

Manuscript NO: 56334

Title: Streptococcus agalactiae: Sensitivity profile in pregnant women attended at health units in northeastern Brazil

Reviewer's code: 04670810

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Chief Doctor, Full Professor, Research Scientist, Staff Physician

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Brazil

Manuscript submission date: 2020-04-26

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-07-21 20:02

Reviewer performed review: 2020-08-01 16:26

Review time: 10 Days and 20 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
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 type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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 authors present a manuscript on a topic that has been widely studied and with a small sample of 38 pregnant women with a positive culture for GBS. The antimicrobial resistance profile found does not add anything new to the data already published in the literature and the external validity of the study is very limited. Finally, the references are old and inadequate for the theoretical basis in the manuscript.