

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Infectious Diseases

**Manuscript NO:** 56168

**Title:** Antibiotics for complicated urinary tract infection and acute pyelonephritis: A systematic review

**Reviewer's code:** 02719834

**Position:** Editor-in-Chief

**Academic degree:** DVM, MSc, PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2020-04-19

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-06-17 07:28

**Reviewer performed review:** 2020-06-17 09:06

**Review time:** 1 Hour

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

This is a meaningful review on the clinical efficacy and safety of antibiotics for the treatment of complicated urinary tract infection and pyelonephritis, with scoping efforts ceftazidime-avibactam, doripenem, levofloxacin, meropenem-vaborbactam, piperacillin-tazobactam, plazomicin, tazobactam-ceftolozane and gentamicin. Authors suggest use of novel antibiotics and combination antibiotic therapy for treating complicated UTI and acute pyelonephritis when resistance to recommended antibiotics occurs. This is a comprehensive review and I have only minor comments that could help

Abstract - I believe the use of English needs improving here Authors should define IDSA and ESCMID when first used On methods, authors should again mention that PRISMA protocol was used. Who reviewed the papers? Please describe on "Selection of studies and analyses" I liked the results section however I would like to see a flowchart showing the eligibility/rejections, with reasons why. This helps in seeing the construction of the review

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Clinical Infectious Diseases

**Manuscript NO:** 56168

**Title:** Antibiotics for complicated urinary tract infection and acute pyelonephritis: A systemic review

**Reviewer's code:** 02719834

**Position:** Editor-in-Chief

**Academic degree:** DVM, MSc, PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2020-04-19

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-07-14 07:59

**Reviewer performed review:** 2020-07-14 08:04

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	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

I believe authors have adequately addressed the reviewers concerns and that the manuscript is now fit for publication