



## PEER-REVIEW REPORT

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

**Manuscript NO:** 58783

**Title:** PCR-based tests for detecting Helicobacter pylori clarithromycin resistance in stool samples: A meta-analysis

**Reviewer's code:** 00503623

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2020-08-06

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

**Reviewer accepted review:** 2020-10-22 13:45

**Reviewer performed review:** 2020-10-22 15:35

**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 Grade E: Do not publish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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" 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 manuscript, 58783, reports on the reliability of PCR-based test for detecting Hp clarithromycin resistance in stool samples. Based on the pertinent literature data obtained with 592 patients, the authors concluded that PCR-based test on stool samples has a high diagnostic accuracy for detecting clarithromycin resistance in patients infected with Hp. The presented results are thus in contrast to the conclusion reached earlier by Brennan et al (re. 19) that stool samples are not suitable for the accurate detection of Hp clarithromycin resistance. Hence, the results of the current study, if confirmed, could offer highly reliable and noninvasive convenience of using stool samples for detecting clarithromycin resistance in in Hp patients. Minor: The repetitious statement that “H. pylori is closely related to a variety of gastric diseases” should be modified to read “ is closely associated with the etiology of a variety of gastric diseases”. There are also several typos throughout the text.