

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 60765

Title: Comparison of smear cytology with liquid-based cytology in pancreatic lesions: a systematic review and meta-analysis

Reviewer's code: 00722239

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-11-12

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-11-30 04:40

Reviewer performed review: 2020-12-02 09:56

Review time: 2 Days and 5 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 Grade E: Do not publish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 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

This is a good systematic review and meta-analysis regarding comparison of smear cytology (SC) with liquid-based cytology (LBC) in EUS-FNA cytology for pancreatic lesions. They also analysed the impact of rapid on-site evaluation (ROSE). Generally, systematic review in the field of cytology is very difficult because of ununiformity of study design, sample preparation, and interobserver variability. The authors well-considered these problems and properly designed their study and remaining limitations are adequately documented in discussion. Although the obtained results lack novelty, these results are reasonable. I have only one comment. Although the benefit and practice of LBC and ROSE are well-known among cytologist and pathologist, these are generally unfamiliar to clinicians and researchers. The benefit and detail of LBC is documented in INTRODUCTION but these of ROSE is not described. Please indicate the benefit and detail of ROSE in the document.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Professional title: Associate Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-11-12

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2021-02-01 09:50

Reviewer performed review: 2021-02-01 15:51

Review time: 6 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 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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The authors appropriately revised their manuscript. I have no further comment.