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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 55337

Title: Accuracy of endoscopic ultrasound-guided needle aspiration specimens for molecular diagnosis of non-small-cell lung carcinoma

Reviewer's code: 05266769
Position: Peer Reviewer
Academic degree: MD
Professional title: Doctor
Reviewer's Country/Territory: Italy
Author's Country/Territory: China

Manuscript submission date: 2020-06-28
Reviewer chosen by: AI Technique
Reviewer accepted review: 2020-06-29 09:36
Reviewer performed review: 2020-07-12 23:47
Review time: 13 Days and 14 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

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SPECIFIC COMMENTS TO AUTHORS

The manuscript is very well written. It's an excellent study which aims to evaluate the feasibility and accuracy of tissue samples obtained using EUS-FNA and EBUS-TBNA for molecular diagnosis of NSCLC. Tissue samples obtained by EUS-FNA or EBUS-TBNA are feasible for the molecular diagnosis of NSCLC, and can provide reliable evidence for clinical diagnosis and treatment. Comments: 1. The methods are described in detail. 2. Results are very interesting. The data in tables are excellent. 3. Some minor language polishing required a minor editing.

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 55337

Title: Accuracy of endoscopic ultrasound-guided needle aspiration specimens for molecular diagnosis of non-small-cell lung carcinoma

Reviewer's code: 05266768
Position: Peer Reviewer
Academic degree: MD
Professional title: Doctor
Reviewer's Country/Territory: Germany
Author's Country/Territory: China

Manuscript submission date: 2020-06-28
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Reviewer accepted review: 2020-06-29 09:33
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Review time: 13 Days and 14 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

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SPECIFIC COMMENTS TO AUTHORS

This study is very interesting. The authors evaluate the feasibility and reliability of using EUS-FNA and EBUS-TBNA to obtain tissue for NSCLC molecular diagnosis. In the study, the success rate of detection using puncture samples was 93.9%. The proportion of patients with positive results corresponds to the frequency of molecular mutations. Overall, the manuscript is very well written. The tables are very good, minor editing are required.

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 55337

Title: Accuracy of endoscopic ultrasound-guided needle aspiration specimens for molecular diagnosis of non-small-cell lung carcinoma

Reviewer's code: 00813737
Position: Peer Reviewer
Academic degree: FACC, PhD
Professional title: Associate Professor
Reviewer's Country/Territory: France
Author's Country/Territory: China

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Reviewer accepted review: 2020-06-29 09:32
Reviewer performed review: 2020-07-12 23:49
Review time: 13 Days and 14 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

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SPECIFIC COMMENTS TO AUTHORS

This study is very interesting. The result shows that from this analysis, it is believed that the molecular diagnosis of NSCLC patients following the evaluation of tissue samples obtained by EUS-FNA or EBUS-TBNA is reliable. At present, our center provides patients with a next-generation sequencing detection platform, which requires fewer specimens and can detect multiple genes at the same time. EUS-FNA and EBUS-TBNA will provide more efficient help for patients with lung cancer. The whole manuscript is well drafted.