

## PEER-REVIEW REPORT

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

**Manuscript NO:** 56223

**Title:** Application value analysis of MRI and CT in the diagnosis of intracranial infection after craniocerebral surgery

**Reviewer's code:** 02855845

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2020-06-16

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-06-28 08:53

**Reviewer performed review:** 2020-07-12 23:42

**Review time:** 14 Days and 14 Hours

<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 Grade E: Do not publish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 study investigated that in patients with intracranial infection after brain surgery, MRI has a higher diagnostic efficiency than CT, conducive to the preference for carrying out timely detection and early treatment for infection. The specific performance was that the diagnostic sensitivity and specificity, the diagnostic coincidence rate, and the positive and negative predictive values were significantly higher with MRI than with conventional CT, which can be actively promoted. The figures and tables help the readers to make a more understanding of the study; however, some concerns have been noted including: 1. The format of references should be modified. 2. Please write the P value correctly.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 56223

**Title:** Application value analysis of MRI and CT in the diagnosis of intracranial infection after craniocerebral surgery

**Reviewer's code:** 02856261

**Position:** Peer Reviewer

**Academic degree:** FIAC, MD, PhD

**Professional title:** Professor, Research Scientist

**Reviewer's Country/Territory:** South Korea

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

**Manuscript submission date:** 2020-06-16

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-06-17 02:43

**Reviewer performed review:** 2020-07-12 23:43

**Review time:** 25 Days and 21 Hours

<b>Scientific quality</b>	<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
<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 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

#### **SPECIFIC COMMENTS TO AUTHORS**

An interesting study aim to assess the application value of MRI and CT in the diagnosis of intracranial infection after craniocerebral surgery. The study further confirming that MRI has a higher diagnostic value than CT in the diagnosis of intracranial infection. Comments: 1. Please check the subtitle 4 without text of the results section. 2. Manuscript requires a minor editing, both the format and the language. Please update it.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 56223

**Title:** Application value analysis of MRI and CT in the diagnosis of intracranial infection after craniocerebral surgery

**Reviewer's code:** 02856188

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2020-06-16

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-06-17 02:43

**Reviewer performed review:** 2020-07-12 23:44

**Review time:** 25 Days and 21 Hours

<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 manuscript is retrospective study regarding study the application value of MRI and CT in the diagnosis of intracranial infection after craniocerebral surgery. The results indicated that MRI examination can make an accurate diagnosis of intracranial infection after clinical craniocerebral surgery. Compared with CT, MRI had higher diagnostic efficiency. The specific performance was that the diagnostic sensitivity and specificity, the diagnostic coincidence rate, and the positive and negative predictive values were significantly higher with MRI than with conventional CT, which can be actively promoted. And some concerns have been noted including: 1. Some minor language polishing should be corrected. 2. The discussion is too long, please short it.