

## PEER-REVIEW REPORT

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

**Manuscript NO:** 65609

**Title:** Usefulness of metagenomic next-generation sequencing in adenovirus 7-induced acute respiratory distress syndrome: a case report

**Reviewer's code:** 02729716

**Position:** Peer Reviewer

**Academic degree:** FEBG, MD, PhD

**Professional title:** Associate Professor, Research Scientist

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

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

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**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-03-22 13:55

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<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 Grade E: Do not publish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



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

As infection remains the most common cause of acute respiratory distress syndrome, metagenomic next-generation sequencing has potential for the diagnosis of acute respiratory distress syndrome with unknown etiology. In this study, Xiaojuan et al reported an acute respiratory distress syndrome case with unknown infectious etiology which was diagnosed with metagenomic next-generation sequencing. This case is rare and interesting. The case is described in detail. The diagnosis and treatment of the case is reasonable, and the follow up shows the treatment is effective. The case shows that the metagenomic next-generation sequencing may be an appropriate tool for the diagnosis of patients with acute respiratory distress syndrome of unknown etiology after extensive diagnostic procedures and despite empirical treatment. In this point of view, this case is worthy for publication. The manuscript is very well written, however, a minor editing is required. Both the language and the format of the content. Please refer to the guideline of the journal. And the figures are too small, please make an update.