

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 69345

Title: The Audiological Characteristics and Exploratory Treatment of a Rare Condition of Acute Otitis Media Associated Sudden Sensorineural Hearing Loss

Reviewer's code: 05207387

Position: Editorial Board

Academic degree: DSc, PhD

Professional title: Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2021-06-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-28 09:38

Reviewer performed review: 2021-06-28 09:47

Review time: 1 Hour

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

Thanks for recommending me as a reviewer. This paper was to analyze the audiological characteristics of a rare condition of acute otitis media (AOM) associated sudden hearing loss and evaluate the efficacy of a combination therapy of tympanostomy tube placement (TTP) and intratympanic methylprednisolone injection after failure of conventional medical therapy. If the authors complete minor revisions, the quality of the study will be further improved.

1. Eight subjects were enrolled in this study. In this case, it seems more appropriate to use a non-parametric test rather than a T-test, which is a parametric test.

2. Authors need to be more specific in the discussion section about the reasons for their findings (results).

3. The following references are too old studies. It is necessary to change to the latest research.

Ref#1. Media AAoPSoMoAO. Diagnosis and management of acute otitis media. *Pediatrics* 2004; 113: 1451-1465 [PMID: 15121972 DOI: 10.1542/peds.113.5.1451]

Ref#6. Mutlu C, Odabasi AO, Metin K, Basak S, Erpek G. Sensorineural hearing loss associated with otitis media with effusion in children. *Int J Pediatr Otorhinolaryngol* 1998; 46: 179-184 [PMID: 10190588 DOI: 10.1016/s0165-5876(98)00159-1]

Ref#7. Gravel JS, Wallace IF. Effects of otitis media with effusion on hearing in the first 3 years of life. *J Speech Lang Hear Res* 2000; 43: 631-644 [PMID: 10877434 DOI: 10.1044/jslhr.4303.631]

Ref#10. Byl FM. Seventy-six cases of presumed sudden hearing loss occurring in 1973: prognosis and incidence. *Laryngoscope* 1977; 87: 817-825 [PMID: 850455 DOI: 10.1002/lary.5540870515]

Ref#14. Margolis RH, Nelson DA. Acute otitis-media with transient sensorineural hearing-loss - a case-study. *Arch Otolaryngol Head Neck Surg* 1993; 119: 682-686 [PMID: 8499103 DOI: 10.1001/archotol.1993.01880180102020]

Ref#15. Linder T, Funke G, Schmid S, Nadal D. Acute otitis media and otitis media with effusion: Review of pathogenesis and therapeutic recommendations. *Schweiz Med Wochenschr* 1996; 126: 2223-2233 [PMID:

9011932] Ref#16. Engel F, Blatz R, Kellner J, Palmer M, Weller U, Bhadki S. Breakdown of the round window membrane permeability barrier evoked by streptolysin O: possible etiologic role in development of sensorineural hearing loss in acute otitis media. *Infect Immun* 1995; 63: 1305-1310 [PMID: 7890388 DOI: 10.1128/iai.63.4.1305-1310.1995]
Ref#20. Huang M, Dulon D, Schacht J. Outer hair cells as potential targets of inflammatory mediators. *Ann Otol Rhinol Laryngol Suppl* 1990; 148: 35-38 [PMID: 2112361 DOI: 10.1177/000348949000990s610]

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Clinical Cases*

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Position: Editorial Board

Academic degree: DSc, PhD

Professional title: Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2021-06-28

Reviewer chosen by: Yun-Xiaojian Wu

Reviewer accepted review: 2021-09-05 21:55

Reviewer performed review: 2021-09-05 22:00

Review time: 1 Hour

Scientific quality	<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
Language quality	<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
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

SPECIFIC COMMENTS TO AUTHORS

The authors faithfully completed the revision.