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# PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases
**Manuscript NO:** 33166
**Title:** Diagnostic performance of high resolution computed tomography in otosclerosis
**Reviewer's code:** 03656608
**Reviewer's country:** China
**Science editor:** Fang-Fang Ji
**Date sent for review:** 2017-02-22
**Date reviewed:** 2017-03-01

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|---|---|---|---|
| [ ] Grade A: Excellent | [ Y] Grade A: Priority publishing | Google Search: | [ ] Accept |
| [ ] Grade B: Very good | [ ] Grade B: Minor language polishing | [ ] The same title | [ ] High priority for publication |
| [ Y] Grade C: Good | [ ] Grade C: A great deal of language polishing | [ ] Duplicate publication | [ ] Rejection |
| [ ] Grade D: Fair | [ ] Grade D: Rejected | [ ] Plagiarism | [ ] Minor revision |
| [ ] Grade E: Poor | | [Y ] No | [ Y] Major revision |
| | | BPG Search: | |
| | | [ ] The same title | |
| | | [ ] Duplicate publication | |
| | | [ ] Plagiarism | |
| | | [Y ] No | |

## COMMENTS TO AUTHORS

Otosclerosis is a bony dyscrasia of the inner ear otic capsule. High-resolution computed tomography (HRCT) has a significant role in imaging the labyrinthine and bony capsule of the temporal bone. The extent of otosclerosis into the cochlear capsule can be quantitatively evaluated using densitometric measurements. In this manuscript, the authors focused on the sensitivity and specificity of HRCT in the diagnosis of Otosclerosis. This systematic review indicates that HRCT is a useful imaging method in diagnosis of otosclerosis (HRCT has a high specificity (98%) and low sensitivity (63%) in diagnosing otosclerosis), supported by Level III evidence. This review has some significance for clinicians and researchers working. However, there are several major issues that need attention. Abstract："No statistical techniques were used."-- Statistical methods should be used to analyze and summarize the results of the included studies. Introduction--The rationale of the study is not sufficiently explained. Methods--Reports of systematic reviews must include a completed PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) checklist and flow diagram to accompany the

main text. The sample size is too small, and the results presented are too preliminary and do not fully support the conclusions.

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# PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases
**Manuscript NO:** 33166
**Title:** Diagnostic performance of high resolution computed tomography in otosclerosis
**Reviewer's code:** 00717554
**Reviewer's country:** Iran
**Science editor:** Fang-Fang Ji
**Date sent for review:** 2017-03-25
**Date reviewed:** 2017-03-29

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|---|---|---|---|
| [ ] Grade A: Excellent | [ Y] Grade A: Priority publishing | Google Search: | [ ] Accept |
| [ Y] Grade B: Very good | [ ] Grade B: Minor language polishing | [ ] The same title | [ ] High priority for publication |
| [ ] Grade C: Good | [ ] Grade C: A great deal of language polishing | [ ] Duplicate publication | [ ] Rejection |
| [ ] Grade D: Fair | [ ] Grade D: Rejected | [ ] Plagiarism | [ Y] Minor revision |
| [ ] Grade E: Poor | | [Y ] No | [ ] Major revision |
| | | BPG Search: | |
| | | [ ] The same title | |
| | | [ ] Duplicate publication | |
| | | [ ] Plagiarism | |
| | | [Y ] No | |

## COMMENTS TO AUTHORS

I would like to mention the following comments: 1- I think the use of only PubMed database is not enough. 2- All keywords in search should be in ". 3- The cross-sectional studies have not been mentioned. 4- The case series and case reports have been excluded but in the table, there are level V studies. This is misleading. 5- The sentence "All studies used control groups" is not correct. There were also case series and case reports. 6- The explanations about exclusion of some studies are not necessary. It was enough to only exclude them at the first step by considering the exclusion criteria. 7- Were the studies comparable? Was it correct to pool them together? 8- Discussion is better to rewrite with more clear message. Good Luck