

PEER-REVIEW REPORT

Name of journal: *World Journal of Methodology*

Manuscript NO: 72795

Title: Microvessel Density in Differentiated Thyroid Carcinoma: a systematic review and meta-analysis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04853742

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Greece

Manuscript submission date: 2021-10-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-11-01 00:24

Reviewer performed review: 2021-11-03 10:08

Review time: 2 Days and 9 Hours

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 Grade E: Do not publish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
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This manuscript performed a meta-analysis. A meta-analysis was performed in this manuscript to reveal the role of MVD in differentiated thyroid carcinoma (DTC), and the conclusion is that MVD significantly correlates with the survival outcomes of patients with thyroid cancer. The results of this manuscript are meaningful. However, there are still some details to be revised: 1. Several abbreviations need explanation when they first appear, such as "FTCs", MTCs, "PTC". 2. The subtitle in the flow chart is not very clear. For example, "1626 studies excluded" is subtitle, but not a paralleled list with "125 non human studies".

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Title: Microvessel Density in Differentiated Thyroid Carcinoma: a systematic review and meta-analysis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05126185

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: Greece

Manuscript submission date: 2021-10-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-28 12:07

Reviewer performed review: 2021-11-05 06:23

Review time: 7 Days and 18 Hours

Scientific quality	<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
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
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SPECIFIC COMMENTS TO AUTHORS

As you addressed in Discussion, this review has a critical weakness, i.e., low external validity. This review covered a small number of retrospective studies with a small number of participants. But the topic is very important and the review is truly meticulous. In this context, this review will be a great starting point in this direction.