

Review of: "Periodontal disease in association with Myocardial Infarction with Non-Obstructive Coronary Arteries and Microvascular Coronary Artery Disease"

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Potential competing interests: No potential competing interests to declare.

The article is an observational study on a currently relevant topic. None the less it requires further clarifications and improvements.

Title and abstract:

“Objective. We sought to evaluate any association of periodontitis in patients with angina despite non-obstructive coronary artery disease (CAD).” I would recommend restructuring of this sentence. Possibly starting with “The study/this research aimed to”

“Conclusion. This study demonstrated that moderate to severe periodontitis might be independently associated with the increased incidence of MINOCA among the general population. Furthermore, it discovered various predictors of MINOCA among the general population.” Rewording of this sentence might help make it a bit more flowing and formal eg. “Furthermore, it identified”

Introduction: A couple of more sentences and references on what work has already been done in this specific area would improve the introduction

Methods:

- What measures were taken to reduce risk of bias? Especially since only one assessor- intra-operator bias
- No mention of blinding.

Results:

Supplementary tables should be included as tables as their results are the most relevant findings.

Discussion:

- Plausible mechanisms section needs more depth. Plenty of papers that can be referenced.
- Discuss how this in line with current trends and future of periodontology. And delve a bit deeper on the clinical implications

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