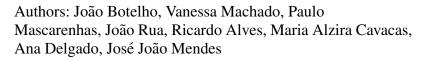
Accepted Manuscript

Title: Stress, Salivary Cortisol and Periodontitis: A Systematic Review and Meta-analysis of Observational Studies





PII:	S0003-9969(18)30537-5
DOI:	https://doi.org/10.1016/j.archoralbio.2018.08.016
Reference:	AOB 4238
To appear in:	Archives of Oral Biology
Received date:	3-4-2018
Revised date:	21-8-2018
Accepted date:	27-8-2018

Please cite this article as: Botelho J, Machado V, Mascarenhas P, Rua J, Alves R, Cavacas MA, Delgado A, João Mendes J, Stress, Salivary Cortisol and Periodontitis: A Systematic Review and Meta-analysis of Observational Studies, *Archives of Oral Biology* (2018), https://doi.org/10.1016/j.archoralbio.2018.08.016

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Article type: Meta-analysis

Stress, Salivary Cortisol and Periodontitis: A Systematic Review and Metaanalysis of Observational Studies

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Running Title: Cortisol effect in periodontal disease

Keywords: Periodontal disease, Salivary Cortisol, Stress, Systematic Review, Meta-analysis **Highlights**

- It seems from observational studies that subjects with higher salivary cortisol levels are significantly more associated with aggressive periodontitis compared with healthy and chronic periodontitis patients.
- However, in the future it should be considered larger longitudinal studies, well-designed with better methodology and more representative of the population to confirm this possible association and to elucidate the mechanism of this association.

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