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Article type: Meta-analysis

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

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Running Title: Cortisol effect in periodontal disease

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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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