

## Periodontal disease as an etiology of orofacial and musculoskeletal pains in women (case report)

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### Abstrak

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Orofacial pain includes pain associated with the hard and soft tissues of the head, face, neck and all of the intraoral structures. Upon painful episodes, consuming analgesics or traditional medicine are relatively common. It is also a common sense that high cholesterol and hypertension may contribute to the pain. Since most pain sufferers are women, estrogen is proposed to be a modulator of pain perception. Nevertheless, the mechanism of pain modulation in women is still in controversy. Systemic manifestations of periodontal disease are widely accepted. However, the role of periodontal disease as an etiology of orofacial and musculoskeletal pains is rarely discussed. Recent study in medical psychoneuroimmunology may reveal the possibility of periodontal disease as an etiology of these painful symptoms. The objective of this study is to reveal the possibility of periodontal disease as an etiology of orofacial and musculoskeletal pains.

Periodontal treatments were done to women who suffered from orofacial and musculoskeletal pains, resulting in the disappearing of the symptoms. Regarding to the amazing results, the conclusion is that especially in women, periodontal disease may cause orofacial and musculoskeletal pains especially in women.