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Title: Effect of Low-Level Laser on Erosive Oral Lichen Planus
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Abstract: Introduction: Oral lichen planus (OLP) is an inflammatory disease that can be painful, mainly in the atrophic and erosive forms. Treatment of OLP remains a great challenge for clinicians. No therapy for OLP is completely curative; the goal of treatment for symptomatic patients is palliation. This study aimed to evaluate the use of low-level laser radiation for the treatment of symptomatic OLP.

Method: To find out the indications and positive points of laser therapy in oral lichen planus, a search was performed in MEDLINE, PUBMED articles from 2007-2012. Results: The size of lesions, visual analogue score of pain, and stability of the obtained result in the follow-up period were evaluated in lichen planus patients. Also, the effect of low intensity laser therapy was compared with topical corticosteroids.

Conclusion: Studies detailed significant reduction in lesion size and pain. No reported complications or therapy side effects were observed in any of the patients treated.

Key Words: Erosive OLP, Low-level laser radiation, Visual analogue score of pain.

Presentation: Poster