

Treatment of generalized gingivitis with the use of the drug Dennkur Herbal

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It is known that local drug therapy in periodontology is prescribed in accordance with the phase of inflammation and the mechanism of action of the drug. To reduce the pathogenicity of microorganisms and the inflammatory process in periodontal tissues, a number of drugs are used.

THE AIM OF THE STUDY

To evaluate the effectiveness of the anti-inflammatory and antibacterial properties of Dennkur Herbal tablets in the treatment of chronic simple marginal gingivitis.

● OBJECTS AND METHODS

Comprehensive treatment of 22 patients aged 18-35 years with chronic simple marginal gingivitis of moderate severity was performed at the Department of Periodontology of the Higher School of Medical Sciences of BSMU. The patients were divided into 2 groups (groups 1 and 2), depending on the treatment used. All patients underwent periodontological treatment. In group 2, patients received additional curcumin therapy as a natural antibacterial agent along with periodontal treatment.

According to the clinical protocol of the Republic of Belarus, mandatory and additional diagnostic measures were carried out. All patients underwent an index diagnosis. Oral hygiene indices OHI-S (Green, Vermillion, 1964), gingival index GI (Loe, Silness, 1963), IPMA (Massler M., Shour J., Parma C., 1960), peripheral blood circulation index (L.N. Dedova, 1981) were determined without fail.

As part of the study, group 2 patients took the drug 2 times a day, one tablet for 5 days. After this time, all patients underwent a re-evaluation of the periodontal tissue condition.

● RESULTS AND DISCUSSION

A comprehensive assessment of the periodontal tissue condition of the two groups showed that positive dynamics was observed in patients of all study groups after periodontal treatment. The inclusion of Dennkur Herbal in therapy improved the results of objective tests by 15 % compared to the first group, which confirms the need for additional therapy with Dennkur Herbal tablets aimed at normalizing the condition of periodontal tissues, improving microcirculation of periodontal tissues, as well as restoring the contour and surface structure of the marginal gum.

● CONCLUSION

The inclusion of the drug Dennkur Herbal in the complex treatment of patients with chronic simple marginal gingivitis is accompanied by a decrease in the prevalence (2 times) and intensity of gingivitis (1.8 times), stimulation of periodontal microcirculation processes (according to the peripheral circulation index by 2 times), as well as normalization of the psychological background of patients. These positive properties of curcumin justify its use in complex therapy in the treatment of patients with periodontal tissue diseases.

Key words: periodontal diseases, gingivitis, curcumin, Dennkur Herbal.

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