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COMPARATIVE INDEX ASSESSMENT OF THE HYGIENIC STATE OF THE ORAL CAVITY IN PATIENTS WITH GENERALIZED PERIODONTITIS WITH ANOREXIA NERVOSA

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According to native and foreign authors, the prevalence of anorexia nervosa ranges from 0.3% to 5% among both sexes, and the incidence varies from 5 to 5.4 on 100,000 people per year, the mortality rate reaches 18% and tends to increase in young people.

Anorexia nervosa is accompanied by changes in the internal organs and body systems of a person and may be one of the potentiating factors for the occurrence of generalized periodontal diseases, particularly, generalized periodontitis (GP).

Scientific works reflecting the hygienic condition of the oral cavity in patients with HF on the background of anorexia nervosa are not represented.

Aim: to evaluate the features of oral hygiene in patients with generalized periodontitis burdened with anorexia nervosa.

Materials and methods: we examined 86 patients with generalized periodontitis (GP), primary-I degree, chronic course at the age of 19-37 years took part in the survey, among them there were 47 women and 39 men. The main group consisted of 58 patients with GP with anorexia nervosa. The comparative group consisted of 28 patients with GP without anorexia. The control group was the results of a survey of 30 people of similar age and gender without eating disorders and diseases of internal organs and systems, and patients in this group adhered to an adequate and balanced diet.

Standard methods of hygienic assessment of oral hygiene were used (index Fedorov - Volodkina, index OHI-S and interdental hygiene index - API).

Results of the research: in a result of the study, it was found that all patients of the main group had an oral hygiene level of 2.2 ± 0.2 points according for Fedorov -Volodkina index and 1.9 ± 0.3 points according for the OHI-S index. The index of interdental hygiene API was 0.581 ± 0.026 points.

At the same time, patients of the comparative group had the level of hygiene according to Fedorov-Volodkina index 2.0 ± 0.2 points, OHI-S index was 1.6 ± 0.1 points. The index of interdental hygiene API was 0.474 ± 0.029 points.

In the control group, the hygiene index by Fedorov-Volodkina was 1.5 ± 0.04 points, index OHI-S was 1.4 ± 0.09 points. At the same time, the API index was 0.09 ± 0.02 points.

Conclusions:

1. In all examined patients with GP associated with anorexia nervosa, an unsatisfactory level of oral hygiene was revealed. However, index Fedorov - Volodkina was better compared with OHI-S index and API.

2. The unsatisfactory level of oral hygiene in patients with generalized periodontitis on the background of anorexia nervosa can be caused by the low motivation of this category of patients to comply with the compliance of individual oral hygiene and the almost complete lack of chewing due to eating disorders and diet.

3. The results of this fragment of the research encourage in-depth study of the clinical features of generalized periodontitis in patients with anorexia nervosa.