



EFFICACY OF HERBAL THERAPY IN THE MANAGEMENT OF SEVERE CHRONIC GENERALIZED PERIODONTITIS

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Relevance

The article presents the problems associated with the pathology of periodontal tissue and conducted its own study using phytopreparations Hemostat gel and Clove essential oil [1-3]. It was found that the traditional approach to the treatment of chronic generalized severe periodontitis has significant drawbacks - the worst indicators of antiinflammatory and reparative activity, a higher percentage of complications compared with phytopreparations, it was also found that the results of the analysis of anti-inflammatory activity based on a decrease in the level of neutrophil infiltration showed that phytopreparations of oral antiseptics have better effectiveness in comparison with synthetic ones [4-6].

The aim of the study was to evaluate the effectiveness of the therapeutic stage of treatment of chronic generalized periodontitis of severe form with the inclusion of the phytopreparation "Hemostat gel" and "Clove essential oil" in its composition.

Material and methods

A comprehensive clinical and dental, laboratory sociological and statistical study was conducted in 326 patients with chronic generalized severe periodontitis (according to K05.5) among 41-60 patients who applied for dental care. The dental condition of patients – periodontal tissues and phytopreparations - was studied.

Results

It was found that in terms of total clinical efficacy, among the comparison base, the most adaptive drug to the treatment situation of chronic generalized severe



periodontitis is the effective "Hemostat gel" and "Clove essential oil" less effective "Chlorhexidine". It has also been proven that the traditional approach to the treatment of chronic generalized severe periodontitis has significant drawbacks. An analysis of anti-inflammatory activity based on a decrease in the level of neutrophil infiltration showed that phytopreparations of oral antiseptics have better effectiveness compared with synthetic ones.

Conclusion

Thus, when assessing the reparative activity in the treatment of chronic generalized severe periodontitis, phytopreparations - "Hemostat gel" and "Clove essential oil" of oral antiseptics should be considered the most effective, which means that the proposed chronic generalized severe periodontitis treatment methods have a better level of comprehensive effectiveness compared to traditional treatment methods.

Keywords: periodontal tissues, dental pathology, phytopreparations, hemostat gel, clove essential oil and chlorhexidine.

References

1. Одиљжонов ЖД, Собиров АА, Нурматова НТ. Парадонтитнинг Этиологияси, Диагностикаси, Клиникаси Ва Даволаш Усуллари Тугрисида Тадкикотлар Тахлили. *Excellencia: International Multi-disciplinary Journal of Education*, 2 (4), 499-505.
2. Нурматова НТ, Гаффоров СА, Собиров АА. Анализ микробиоты слизистой ротовой полости у детей и подростков с хроническими формами гингивитов. *Sciences of Europe*, 149, 20-26. <https://doi.org/10.5281/zenodo.13842678>
3. Даминова, Ш., Казакова, Н., & Собиров, А. (2020). Стоматологический статус у пациентов с воспалительными заболеваниями суставов. *Дни молодых учёных*, (1), 93-94.
4. Казакова, Н. Н., & Собиров, А. А. (2020). Изучение влияния зубных паст на микробиоту ротовой полости. *Актуальные вопросы фармакологии: от разработки лекарств до их рационального применения» Бухара*, 36-38.



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5. Shamsiyeva, M. O., Gafforov, S. A., & Sobirov, A. A. (2024). Basing the formation of pathologies of the oral cavity in children and adolescents with cerebral palsy with the help of clinical and laboratory studies. *Sciences of Europe*, 144, 40-45. <https://doi.org/10.5281/zenodo.12739930>
 6. Akhrarova Sh., S. A. (2024). Biochemical characteristics of oral cavity pathology in children and adolescents with cerebral palsy. *Sciences of Europe*, 144, 32-39. <https://doi.org/10.5281/zenodo.12739920>