

IMPROVEMENT OF COMPREHENSIVE TREATMENT OF HERPETIC STOMATITIS

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Abstract: Herpesvirus infection (HVI) occupies one of the leading places among human viral diseases due to the widespread prevalence of the virus and the ability to permanently persist in the human body after primary infection. According to WHO, 90 to 100% of the world's population is infected with herpes simplex viruses (HSV) types 1 and 2. Based on the analysis of scientific research and scientific literature data, we can conclude that large-scale studies on this problem are needed in Uzbekistan. The aim of the study was to investigate the effectiveness of the biologically active supplement "Reptin-plant" in the complex treatment of patients with herpetic stomatitis and the therapeutic effect of photodynamic therapy with the PDU device in patients with HSV. We observed 85 patients diagnosed with HSV aged 18 to 40 years, divided into three groups depending on the therapy. All patients were mainly treated on an outpatient basis. Analysis of the data obtained from the treatment results showed that the group of HSV patients who received complex treatment (traditional treatment + Reptin-plant + PDU) was more effective than traditional therapy alone.

Key words: herpesvirus infection, adhesive process, PDU, oral mucosa.

INTRODUCTION

The problem of treating diseases of the oral mucosa (OM) is one of the urgent tasks of practical dentistry. Despite the achievements of modern science, the effectiveness of most drugs and methods of treating OM remains at an insufficient level. It is important to take into account the fact that in the presence of a sufficiently effective drug, it is very important to select the optimal dosage for each patient individually, as well as to evaluate the pharmacodynamic properties of the drug during treatment, since at this time it is sometimes possible to activate or inhibit the adaptive mechanisms of the body. It should also be noted that the emergence of bacterial resistance to drugs is a constant obstacle to the effective therapy of OM diseases. According to WHO, from 90 to 100% of the world's population is infected with herpes simplex viruses (HSV) types 1 and 2. This is mainly due to the introduction of new medical technologies and a significant increase in the number of patients with immunodeficiency, manifested in children by the development of a dysbiotic state of the oral cavity.

PURPOSE OF THE STUDY

To study the effectiveness of using the biologically active additive Reptin-plant in the complex treatment of patients with herpetic stomatitis and the therapeutic effect of photodynamic therapy with the PDU device in patients with HSV.

MATERIALS AND METHODS

Complaints of headache and nausea were detected. The skin was examined; it could be pale. Body temperature could rise to 38°. At the peak of the temperature rise, increased hyperemia and pronounced edema of the oral mucosa, and lesions were detected. The number of lesions was counted and the number of relapses per year was determined.

In the treatment of the 1st group, a traditional therapy regimen was used: Local therapy included painkillers before and after meals, irrigation of the oral cavity with chlorhexidine solution (1:1 with distilled water up to 3 times a day), and the use of 0.25% oxolinic acid ointment (3-4 times a day for 7-10 days). We applied these ointments to the tip of the tongue and then distributed them over the surface of the OM and the red border of the lips. In the 2nd group, the treatment differed in that, along with the generally accepted traditional therapy, they added the biologically active supplement Reptin-plant before meals, 1-2 capsules 3-4 times a day for 30-60 days.

Patients in the 3rd group (n=30 3rd), along with traditional and general treatment, additionally received the dietary supplement Reptin-plant - before meals.

RESULTS AND DISCUSSION

A non-drug, anti-relapse method of treating herpetic lesions of the oral cavity in patients with HSV is the PDU device, which takes into account the difficulties of drug treatment of the oral cavity, the formation of resistance of pathogens to drugs, the widespread use of drug allergies, the widespread increase in the number of allergic diseases, including those caused by viral invasion, an increase in the severity of their course and manifestation at an earlier age. We believe that patients with HSV during the period of relapse of the disease and during the next year should be under the dispensary supervision of a dentist. With a mild degree of severity - once every 6 months, with a moderate degree of severity - once every 3 months, with a severe degree of severity - the first 3 months every month after treatment, then once every 3 months. Complex etiopathogenetic treatment of HSV SO at a mild degree of severity should be started only after professional and rational oral hygiene, at a moderate and severe degree - professional oral hygiene should be performed 3-4 days after the start of complex individual treatment, since professional hygiene optimizes the process of local etiopathogenetic treatment. Complex treatment of children with HSV turned out to be more effective, as evidenced by the results of the 3rd group. When using PDU, traditional therapy and a biologically active food supplement based on a lipid concentrate from the biomass of snakes of the genus ERYX - Reptina-plant (manufactured in Uzbekistan), patients of the 3rd group showed an earlier disappearance of symptoms of GVI intoxication and soreness of the oral mucosa, an increase in the result of complete epithelization, a decrease in the frequency and severity of relapses, as well as an increase in the duration of remission.

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