

## **LITERATURE REVIEW ON THE MODERN THERAPY OF RECURRENT HERPETIC STOMATITS AMONG CHILDREN**

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### **ABSTRACT**

Recurrent herpetic stomatitis (RHS) is a common viral disease among children caused by the Herpes simplex virus (HSV). The disease is characterized by frequent recurrences, negatively affecting patients' quality of life. Research indicates that a comprehensive approach to RHS treatment is the most effective. In addition to traditional antiviral therapy, innovative methods such as immunomodulators, laser therapy, probiotics, and phytotherapy play a significant role. This article analyzes the effectiveness of these methods and discusses current scientific approaches to disease prevention.

**Keywords:** Recurrent herpetic stomatitis, children, antiviral therapy, immunomodulators, laser therapy, innovative treatment.

### **INTRODUCTION**

**Relevance of the study.** Repeatable herpes stomatitis ( RGS ) - children between wide widespread viral disease Herpes simplex under the influence of virus (HSV). develops .[1] Many of researchers in my opinion according to this virus human to the body one times since it fell then nerve in the ganglia preserved remains and immunity decrease or stress like factors under the influence relapse to give possible [2]. Especially before school aged in children this situation many meet them immune system enough to the extent lack of formation because of disease again and again to the surface comes [3-4].

Medical statistician to the information according to , before school aged 60–80% of children are infected with HSV infected in 10-30 % of them disease relapse in the form of [5] . This and children's general to your health and life adjective to reduce negative impact shows . Some research that shows that Q GS in children mouth of space inflammation , pain and inconvenience because of food reception to do to make it difficult take it comes , this and food anemia , immunity decrease and psycho-emotional stress like problems bringing [ 7].

Herpetic stomatitis recurrence mechanism determination and effective therapy work exit according to one row research take went For example , Ivanova T . Y . (2020) own in their research herpes of the virus nerve in tissues latent in the case preservation and stress circumstances or immunity decrease as a result activation showed . Also , Herpes of the virus high pathogenicity and in the body permanent preserved to stay him/her effective treatment demand doer complicated from pathologies to each other rotates [6].

Current on the day herpes stomatitis in treatment traditional methods with one in line innovative therapy methods both is being used . In particular , antivirus drugs with together immunomodulators , laser therapy , probiotics and phytotherapy methods effective because found [8. 11. 13]. So although , this treatment methods efficiency increase , individual

approaches work exit and new biomedical from technologies use about still many scientific research take to go necessary .[ 9] Therefore , this in the article recurrent herpes stomatitis modern innovative therapy methods through of treatment scientific basics and practical efficiency analysis will be done . Also , the disease ahead to take according to new approaches both seeing it is released , this and in the future herpes infection effective control to do the opportunity gives .[10]

Last in years this the disease treatment and ahead to take according to many research take went Including traditional antiviral therapy besides , innovative methods , including immunomodulators , laser therapy and from probiotics use according to new approaches work coming out .[15] In this article present done materials analysis to do through Q GS in treatment modern trends and scientific based approaches seeing is released .[16]

This literary in the comment of the disease pathogenesis , treatment methods and on prevention last scientific research analysis done In particular , the virus immune system with mutual effect of antiviral drugs efficiency and modern innovative of methods importance about information was studied . Also relapses ahead to take directed strategies , including vaccination and immunomodulation methods both analysis was done .

Research that shows that Q GS a comprehensive approach to treatment the most effective is considered Antiviral therapy (aciclovir, valaciclovir ) of the virus activation in the reins important importance profession if they do , they are sick complete to disappear take doesn't come Therefore , innovative methods current is being done :

- Immunomodulators - of the body to the virus against reaction to strengthen help gives Interferon preparations this about effective because found .
- Laser therapy - inflammation process decrease , mouth space slime your floor recovery accelerates .
- Probiotics and microbiota balance recovery – immune of the system balanced in storage plays an important role .
- Phytotherapy and people treatment tools - some research healing plant inflammation of extracts (aloe, calendula, propolis). in reduction effective that showed .

Q GS treatment according to current research the disease complete elimination to do directed not , but its relapses reduction and symptoms to ease directed . Conventional antiviral therapy effective though , that's all in patients alike good result does not give That's why for both researchers new methods current to do movement is doing .

OGV ( Ordinary Herpes Viruses ) first appeared in 1912 herpes bubbles in liquid form determined . 1921 year Irish simple light under the microscope to see possible was acidophilus structures (" Lipshüttts " body parts " described in 1934 and Cowdry this structures OGV for characteristic was input body parts as identified .[1]

Common herpes viruses chemical composition complicated . In the virion correct two in sequence ( not fragmented ) . chain DNA (6.5%), protein (70%), phospholipids (20%), carbohydrates (1.6%), spermine, spermidine , glycoproteins there is In the virion envelope lipids big amount ( more than 20% ) is available . [4]

Herpes simplex viruses to the heat very sensitive : 30 minutes at a temperature of 50-52 °C in , and 10 hours at 37 °C inside becomes inactive . Thus together , the virus is cold durable up

to 2 years at a temperature of -24 °C preservation can OGV ionizer radiation and ultrasound to the effect , as well as repeatedly freezing and melting to the processes durable .[6. 9 ] OGV virions more than 20% of the composition from lipids consists of happened for his/her shell easily influenced by ether will be broken . Also , alcohol, chloroform, phenol, formalin, proteolytic are OGV enzymes , phosphatase and fire ( fire) liquid ) also deactivates .[ 12] Ultraviolet rays , X- rays and photodynamic active dyes ( proflavin , neutral red ) even OGV small in doses both no does .[14]

This virus is pathogenic for humans to two antigenic types have OGV - 1 , usually mouth cavity , nasopharynx , eyes and on the skin impact does ( that is , " from the waist high for infections " . responsible ). And OGV -2 mainly urogenital effect on the system ( below the waist ) . does . But last in years passed research that shows that OGV of the type stop look , of a person all members and to systems impact to do possible .[ 17] It is sharp , latent and in the form of chronic infection passing through the central and peripheral nervous system , internal organs , eyes , skin , mouth space slime floor , gastrointestinal tract system and sexual members harms . The virus is internal uterus pathologies , new born in babies ( often to death take coming ) to diseases reason to be possible .[10]

Herpes simplex viruses oncological of processes development , atherosclerosis and Alzheimer's disease reason to be possible . Last of herpes infection in years importance with SPID sick patients between his/her wide spread with depend It was found that OGV HIV genome ( in the pro-viral state when ) activation and HIV infection in progression cofactor as work possible . World health to keep organization (WHO) information according to OGV because of death circumstances viral diseases between from the flu later second in place stands .[ 15. 17]

Some researches develop a vaccine exit on top of take going , however for now this about successful results less . Thus together , in children immune system natural roads with to strengthen directed approaches , including rational nutrition , probiotics and vitamins reception to do like methods own efficiency shows .[18]

Recurrence herpes stomatitis effective treatment comprehensive approach to demand will be done . Conventional antiviral therapy immunomodulators , probiotics and innovative methods with plus application relapses number reduction possible . From this In addition , preventive approaches development , including the creation of a vaccine and immune system to strengthen directed research continue to introduce important to the point owner

## **CONCLUSION**

In the future this on the way wide extensive clinical studies take going the disease elimination in verb important step will be . RGS against innovative therapy methods children health improving big importance profession will and pediatrics and dentistry important scientific and practical the results present verb possible .

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