

# Application and Introduction into Practice of "Chamomile" Tincture of Catarrhal Gingivitis, Which Occurs in the Orthodontic Treatment of High Jawprotrusion in Children

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**Relevance of the study:** Research in recent years shows that the tendency to increase the prevalence of high jawprotrusions is one of the pressing problems of orthodontic dentistry. According to various authors, the share of dental –jaw abnormalities and deformities (up to 78%) is occupied by high jawprotrusions. It is important to use folk medicine recipes for catarrhal gingivitis, which are the result of the use of orthodontic devices that are currently used in the treatment of high jawprotrusions found in children, as well as to prevent disease complications. Since orthodontic treatment is a very long process, there is a need to develop and introduce practical health methods and instruments that can reduce the treatment time for patients with this pathology. Anomalies in the structure of hard dental tissue predominate during temporary dental occlusion (43.48%). During the period of replacement of teeth and permanent teeth, they are approximately equal, at 28.97% and 29.33%.

In 2.4% of the total number of cases of high jawprotrusion in children, dental-sized anomalies are detected, which are mainly 2.8% during the period of tooth change; during the period of constant biting, these anomalies are detected in 2.22% of cases. Anomalies in the number of teeth in permanent teeth 9.78%, in mixed teeth 1.87%, anomalies in the number of teeth in the composition of incorrect teeth are detected in 5.63% of cases.

Often, anomalies in the position of the teeth are detected during an encounter with an orthodontist, which are 60.82%; this anomaly is detected in temporary and permanent teeth; anomalies in the position of the teeth in temporary teeth. Occurs in 52.17%; during occlusion replaced in 64.97, the constant occlusion period is 57.78% [1.3.5.7.9.11.13.15.17.19.21.23].

Disto-occlusion occurs in 47.85%. The disto-occlusion during the mixed bite is 49.16%. Temporary occlusion is characterized by the manifestation of 47.63% of this pathology, 46.2% is detected in permanent occlusion.

**The purpose of the study:** to increase the effectiveness of the use of "chamomile" tincture of catarrhal gingivitis, which occurs in the orthodontic treatment of high jawprotrusion in children.

**Materials and methods:** Bukhara region specialized children's Stomatology 64 sick children aged 11 to 18 years who were resorted to high jawprotrusion were taken.

**Results and analyzes:** the normal physiological state of the gums is restored by applying "chamomile" tincture of catarrhal gingivitis, which occurs in the orthodontic treatment of high jawprotrusion in children. In sick children, it was recommended to rinse the mouth for 3 days 3 times a day with chamomile tincture. By applying this tincture, the effectiveness of chewing has been restored. The chamomile plant, in which the tincture "chamomile" has another healing property, is pleasing to the eye. Chamomile flowers are very rich in physiologically active substances: essential oils, flavonoids, oligosaccharides, vitamins, coumarins, etc. They have the properties of spasmolytic, antiseptic, anti-inflammatory, sedative, driving grass, increasing regeneration. There is also an M-cholinolytic property, so it has a spasmolytic effect. Chamomile flower tincture is used in many diseases-stomatitis, gingivitis, tonsillitis, angina, acute and chronic gastritis, stomach and duodenal ulcers, colitis, enterocolitis, spasm of the bile ducts. A decoction of chamomile flowers, a romazulon liquid made from chamomile is applied. This cocaine has the property of normalizing the condition of the skin and sleep. Chamomile tincture also helps well with throat inflammation and colds. It is advisable to store

such medicinal plants in a paper box. And in the process of preparing the tincture, it is better to use only the lumps [2.4.6.8.10.12.14.16.18.20.22].

**Conclusion.** The prevention and effective treatment of gum and periodont diseases has been achieved by the use of "chamomile" tincture of catarrhal gingivitis, which occurs in the orthodontic treatment of high jawprotrusion in children.

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