



**«ҒЫЛЫМ ЖӘНЕ МЕДИЦИНА: ЖАСТАРДЫҢ ЗАМАНАУИ КӨЗҚАРАСЫ»
АТТЫ СТУДЕНТТЕР МЕН ЖАС ҒАЛЫМДАРДЫҢ IV ХАЛЫҚАРАЛЫҚ
ҒЫЛЫМИ-ТӘЖІРИБЕЛІК КОНФЕРЕНЦИЯСЫНЫҢ ЖИНАҒЫ
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МЕДИЦИНА: СОВРЕМЕННЫЙ ВЗГЛЯД МОЛОДЕЖИ»,
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MULTIDISCIPLINARY APPROACH IN THE TREATMENT OF PATIENTS WITH MALOCCLUSION

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Planning of orthodontic treatment the orthodontist should be comprehensive, with a maximum prediction of treatment outcomes and use of a multidisciplinary approach. Surgical treatment should be planned jointly by the orthodontist and the surgeon, with a clear understanding that the primary goal of surgery is to facilitate orthodontic treatment [1,3].

The aim of our study was to plan the main types of surgical procedures at different dento-alveolar anomalies in patients of different age.

Materials and methods. Four groups of patients were distinguished according to the type of pathology and surgery, which should be carried out before the orthodontic treatment: patients with a short frenulum upper and lower lips and small mouth vestibule; patients with supplemental teeth and odontomas; patients with impacted permanent teeth; patients requiring installation microimplants for orthodontic treatment.

Results. We have determined the optimal time for conducting frenuloplasty, vestibuloplasty, removal of supplemental teeth and odontomas - 7-8 years, before the beginning of orthodontic treatment. Methods for opening crowns of impacted permanent teeth for orthodontic treatment have been developed and introduced [2]. Methods of using microimplants in the treatment of patients with dento-alveolar anomalies are being introduced.

Conclusion: Studies of patients with a variety of dento-alveolar anomalies showed that the most effective treatment is a multidisciplinary approach with coordinated simultaneous operation of the surgeon-dentist and orthodontist. This can significantly speed up the current treatment and achieve our results in a shorter time. Continued research in this area is promising.

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OXIDATIVE STRESS MARKERS AND CHRONIC GINGIVITIS IN CHILDREN WITH ASTHMA, ALLERGIC RHINITIS, ATOPIC DERMATITIS

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Antioxidant defense system is very dynamic and responsive to any disturbance taking place in redox balance of body. Antioxidants can be up regulated and neutralize free radicals formation that could take place due to oxidative stress. Oxidative stress markers can be successfully used in dental