

**The journal "Stomatologiya dlya vsekh / International Dental Review" no. 1 2016
Abstracts of the articles**

P.6 Innate immunity factors of periodontal tissues in patients with jaw fractures.

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Summary.The purpose of this research was the comparative study of selected innate immunity factors such as TLR2, HBD-2, TNF- α and TGF- β in periodontal tissues in healthy subjects as well as in patients with jaw fractures treated by the immobilization using two jaws overteeth splints.

This research demonstrated that the assessment of selected innate immunity factors in periodontal tissues can predict the development of periodontitis in patients with jaw fractures.

Keywords: jaw fracture, periodontitis, innate immunity, Toll-like receptors (TLR2), defensins (HBD-2), cytokines (TNF- α and TGF- β), TLRs agonists

P.12 Complex treatment of chronic apical periodontitis.

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Summary.This article provides an overview of modern ideas about the causes of conservation periapical foci of destruction with chronic apical periodontitis. In view of the identified etiologic features of the proposed protocol is complex endodontic treatment of teeth with the elimination of traumatic stress to reduce the terms of healing.

Keywords: apical periodontitis, biofilm, modern protocol treatment, healing, occlusion.

P.16 Radiologically manifestations of the injuries upper and middle zone facial region skull.

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Summary. Provides information about the diagnostic possibilities of x-ray techniques used in the detection of injuries of the localization. X-ray computed tomography is considered as the best method of diagnosis, in the absence of which in the early stages of the study patients it is advisable to use the rational combination common in practice x-ray techniques. Because only according to x-ray computed tomography diagnosed fractures of thin bone structures, when

damaged bones of the middle and upper areas of the face using x-ray computed tomography is necessary.

Keywords: trauma, fracture, damage, upper and middle zone facial region skull, radiography, zonography, x-ray computed tomography.

P.22 Especially of surgery treatment of large cysts of the mandible.

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Summary.This article presents techniques of improving the operation "cystotomy", which can be used during the extended biopsy operation by the type of cystotomy.

Keywords: cystotomy, epithelizing graft, obturator.

P.24 Multimodality dental rehabilitation of patients with periodontal disease and iodine deficiency.

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Summary.In order to assess the status of dental patients with periodontal disease and iodine deficiency was a clinical and microbiological examination.120 patients with periodontal disease (60 men, 60 women) aged 25 to 57 years took part in the research. According to this study, patients with iodine deficiency has more severe of stomatological status. Next, we had to evaluate the clinical and microbiological efficacy of oral irrigation hydrogensulphide mineral water of "Kluchi Resort", compared with the standard treatment of periodontal disease. Also, compared the efficacy in patients with iodine deficiency group relative to healthy individuals. Irrigation efficiency was higher among patients with iodine deficiency, and significantly higher compared with standard therapy in both groups. In the long-term period also evaluated dental and microbiological status of all patients. At this point it has been allocated two subgroups of patients depending on the used means of hygiene. According to the study, patients with iodine deficiency require the application of additional measures to oral care, due to the low efficiency of standard measures, at that time, as the use of toothpaste "Parodontax® with fluorine" allows to increase the efficacy of treatment of periodontal disease in patients with somatic pathology and without it.

Keywords: periodontal disease, dental treatment, toothpaste, iodine deficiency.

P.32 Complex therapy of periodontitis using combined periodontal irrigations by water ionized with silver and 4% aqueous-alcoholic solution of propolis.

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Summary. The article presents the results of clinical and laboratory evaluation of the effectiveness of complex treatment of chronic generalized periodontitis (CGP) with the use of combined periodontal irrigations silver ionized water and 4% aqueous-alcoholic solution of propolis. It was found that the combined periodontal irrigation ionized water and water-alcohol solution of propolis promotes more pronounced than in the control of clinical improvement of the oral cavity, the normalization of microcirculation, regional blood flow, and periodontal microbiocenosis contents of periodontal pockets regardless of the severity of the CGP.

Keywords: chronic generalized periodontitis, periodontal irrigation silver ionized water and solution of propolis.

P.38 Comparative assessment of an atrophy of a bone tissue in area the dental implants of various diameter at orthopedic treatment of patients with total loss of teeth.

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Summary. Results of studying of dynamics of an atrophy of an alveolar bone of a prosthetic field at the patients who finished orthopedic treatment with use of the full removable artificial limbs leaning on dental implants of various diameter are reflected in article. Dynamics of a resorption of a bone tissue was estimated within 5 years in 2 groups of patients: at patients with dental implants of standard diameter, and with dental miniimplants in different terms from the moment of fixing of constant orthopedic designs. As a result of the analysis of radiological researches studying of dynamics of a resorption of level of a bone tissue in necks of the implants used for a support of a full removable artificial limb was carried out. The comparative assessment of these indicators on the basis of which conclusions about loudspeakers of indicators of an atrophy of a bone tissue in area the dental implants at this category of patients were formulated is carried out and the corresponding recommendations for practice are made.

Keywords: indicators of an atrophy of a bone tissue, dental implant, total loss of teeth, orthopedic design, prosthetic field.

P.42 Electromyographic study of patients with different types of dentures and indicators of bone mineral density.

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Summary. The article presents the results of electromyographic study of patients with different types of dentures and indicators of bone mineral density. It is shown that the orthopedic treatment of patients traditional plate and nylon prostheses with dentoalveolar clasps, does not restore the coordinated work of the masticatory muscles (especially in patients with osteoporosis), even after 2 years of observations functional activity increases by only 30%.

Keywords: osteopenia, osteoporosis, removable prostheses, electromyographic studies.

P. 46 Effect of probiotics on the state of oral mucosal immunity.

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Summary.The article presents the results of studying the effect of probiotics on mucosal immunity and oral hygiene, periodontal tissue condition and health indicators. Under supervision there were 326 people of different ages. Different groups of patients have been administered with oral probiotics and probiotics in the form of instillation of periodontal pockets. It has been found that probiotics help to improve oral mucosal immunity, reduce overall morbidity, improve the hygienic condition of the mouth and reduce the signs of inflammation in the periodontal tissues.

Keywords: probiotics, oral mucosal immunity, adolescents, periodontal disease, oral hygiene.