

**The journal "Stomatologiya dlya vsekh / International Dental Review" no. 1 2018
Abstracts of the articles**

P. 6 Jaw bone mineral density changes associated with different types of removable prostheses.

Abakarov S.I., Sorokin D.V., Abakarova D.S., Gasanguseinov I.O., Lapushko V.U.

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Summary

The analysis of the dental status has been carried out, the results of tenzometric and electromyographic examinations are presented in patients with various types of removable prostheses and bone mineral density. The deterioration of the basic parameters in patients with osteoporosis has been determined.

Keywords: osteopenia, osteoporosis, atrophy of the jaws.

For citation:

Abakarov S.I., Sorokin D.V., Abakarova D.S., Gasanguseinov I.O., Lapushko V.U. Jaw bone mineral density changes associated with different types of removable prostheses. Stomatology for All / Int. Dental Review. 2018; 1 (82);6 -10

P. 12 Long-term results of replacement of defects of the lateral teeth with multiple caries.

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Summary

A clinical and functional examination of the maxillofacial region of patients was performed in which the defects of the lateral teeth were replaced three years ago with ceramic crown inlays or light-cured composites. Computer methods were used to assess the articulation, occlusion and tone of the masticatory muscles on the T-Scan III and Bio EMG III devices. Indicators of dental status are significantly better when using ceramic inlays compared with fillings made of composite material in the long term after treatment of multiple caries.

Keywords: inlays, fillings, ceramics, composite, occlusion, articulation, efficiency.

For citation: Zaslavskij S.A., Olesov E.E., Novozemtseva T.N., Zaslavskij R.S., Tikhonov V.E. Long-term results of replacement of defects of the lateral teeth with multiple caries. Stomatology for All / Int. Dental Review. 2018; 1 (82);12 - 15

P. 16 Workflow of local anesthesia for patients with ischemic heart disease.

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Summary

Workflow of safe and effective local anesthesia during dental care for patients with ischemic heart disease was substantiated.

Keywords: ischemic heart disease, local anesthesia, dental care.

For citation:

Razancev N.A., Anisimova E.N., Orekhova I.V., Letunova N.U., Sadylaev A.H. Workflow of local anesthesia for patients with ischemic heart disease. Stomatology for All / Int. Dental Review. 2018; 1 (82);16 - 20

P. 22 General SF-36 questionnaire in the study of the physical and mental state of patients with parotideomasseteric phlegmon at various treatment stages.

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Summary

The article presents a research on the use of the SF-36 questionnaire in studying the physical and mental state of patients with parotideomasseteric phlegmon at surgical and rehabilitation stages of treatment. The data obtained indicate the effectiveness of the use of the questionnaire for further improvement of treatment and its prognosis.

Keywords: parotideomasseteric phlegmon, the masseter, quality of life.

For citation: Stepanova Z.E., Maksyukov S.Y., Skorobogach M.I., Tatyanchenko V.K., Serpionov S.Y., Stepanov D.A. General SF-36 questionnaire in the study of the physical and mental state of patients with parotideomasseteric phlegmon at various treatment stages. Stomatology for All / Int. Dental Review. 2018; 1 (82); 22 - 25

P. 26 Physiotherapy in the complex treatment of inflammatory periodontal diseases (literature review).

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Summary

The article reflects the research results of the application of physiotherapeutic methods and technologies in the complex treatment of inflammatory periodontal diseases. We have summarized information on the clinical results concerning the use of physiotherapy in the treatment of inflammatory periodontal diseases, as well as the treatment effectiveness, the

stabilization of the process in the periodontium and the prolongation of the remission period. The properties and indications of some physiotherapeutic factors such as constant and alternating currents, ultrasound, electromagnetic field, light radiation and balneological factors, as well as historical aspects of their implementation are highlighted.

Keywords: periodontal tissues, inflammatory periodontal diseases, physical therapy, properties of physical factors.

For citation: Bulgakova A.I., Bortnovskaya Y.V., Vasileva N.A., Valeev I.V. Physiotherapy in the complex treatment of inflammatory periodontal diseases (literature review). Stomatology for All / Int. Dental Review; 2018; 1 (82); 26 - 31

P. 32 Diagnosis of postural and occlusal disorders in patients with hypertonic masticatory muscles and generalized periodontitis.

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Summary

A clinical and functional study of postural disorders in 73 patients with occlusal disturbances and hypertonia of masticatory muscles was performed. Initial postural abnormality was diagnosed in 27.4% of the patients. We have concluded that they also needed neurological treatment. A treatment algorithm for revealed occlusal and postural disorders was suggested.

Keywords: postural disorders, occlusion dysfunction, periodontitis, hypertonia.

For citation: Efimovich O.I., Mamedova L.A. Diagnosis of postural and occlusal disorders in patients with hypertonic masticatory muscles and generalized periodontitis. Stomatology for All / Int. Dental Review. 2018; 1 (82); 32 - 36

P. 38 Possibilities of temporary correction of aesthetic parameters of teeth for people of public professions.

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Summary

The article presents the study of decorative dental varnishes, their aesthetic efficiency and the durability of the effect on the example of remineralizing decorative dental varnish “Colordent®”.

Keywords: musicians, artists, varnish dental remineralizing decorative cover, “Colordent®” temporary correction of aesthetic parameters of the teeth.

For citation: Kislitsyna A.V. Possibilities of temporary correction of aesthetic parameters of teeth for. Stomatology for All / Int. Dental Review. 2018; 1 (82); 38 - 42

P. 44 Determination of the golden ratio in smile.

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Summary

The article presents the results of determining the proportions of the "golden section" in the study of the correlation between the width of the upper lip and the length of the central incisors, the width of the upper and lower lips in order to determine the parameters of an ideal smile. The obtained data indicate the appropriate measurements for planning and effective therapeutic dental treatment (restoration of central incisors); with prosthetics or with orthodontic measures (correction of the shape and size of the central incisors), justification for surgical treatment (correction of the size of the upper and lower lips) in order to improve the appearance and attractiveness of the face.

Keywords: lips, tooth, smile, proportion of the "golden section".

For citation: Shundryk M.A., Tkachenko I.M., Marchenko I.Y., Shundryk L.S. Determination of the golden ratio in smile. Stomatology for All / Int. Dental Review. 2018; 1 (82);44 - 47

P. 48 The analysis of published literature on the study of the quality of life in elderly patients with dental diseases.

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Summary

The article presents the analyses of the published literature on the study of the quality of life in elderly patients with dental diseases, based on the databases of RINC and PubMed. A quantitative comparison of the number of publications on this subject in domestic and foreign literature has been carried out. The questionnaires used have been analyzed. The comparison of quality of life questionnaires and scales of physical functioning has been carried out. A conclusion has been drawn on the necessity for more detailed studies in this area.

Keywords: quality of life, dentistry, elderly.

For citation: Melikyan I.A., Akhmedov G.D., Toporkov V.A., Ignatov N.G., Gurevich K.G. The analysis of published literature on the study of the quality of life in elderly patients with dental diseases. Stomatology for All / Int. Dental Review. 2018; 1 (82);48 - 51

P. 52 The status of the functional occlusion and masticatory muscles in orthodontic treatment retention phase.

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Summary

The article presents the results of changes in functional occlusion and masticatory muscles status after orthodontic treatment of dental crowding using computer occlusiography and electromyography. The obtained data allow to diagnose imbalance in the work of the dentoalveolar system in patients with recurrent dental crowding within a 5-year retention period and to correct occlusion under computerized control with high accuracy.

Keywords: functional occlusion, computer-based scanning of occlusion, electromyography, masticatory muscles, recurrences of crowded teeth, orthodontic treatment, retention period.

For citation: Belousova M.A., Ermolyev S.N. The status of the functional occlusion and masticatory muscles in orthodontic treatment retention phase. *Stomatology for All / Int. Dental Review*. 2018; 1 (82); C.52 - 55