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Abstracts of the articles**

P.6 Long-term comparative results of clinical effectiveness of metal and ceramic bridges on the frame of zirconia.

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Summary

The article presents the results of comparative clinical effectiveness of metal-ceramic and ceramic (in the frames of milled zirconia) bridges under observation for 7 years. The high efficiency of the ceramic prosthesis, comparable to metal-ceramic for durability and quality indicators.

Keywords: prosthetics, quality, ceramics, cermet.

P. 10 Characteristics of using of neuromuscular relaxing soft night splint at treatment of patients with temporomandibular disorders.

A.V. Osipov, D.V. Dorokhin, A.A. Shevchenko

Summary

The article studies the characteristics of treatment of patients with temporomandibular disorders with using of neuromuscular relaxing soft night splint, provides recommendations for use this splint.

Keywords: neuromuscular relaxing splint, TMG.

P. 14 Using computer stabilography and neurophysiological research methods in the diagnosis of postural disorders and denervation in periodontitis.

Mohamad Khiri Beck, L.A. Mamedova, O.I. Efimovich

Summary

In this study the authors focused on studies that prove the interaction of chewing and the musculoskeletal system, the trajectory of movement of the lower jaw and function of the musculoskeletal system. Role of denervation and postural in periodontitis disorders were studied with using computer stabilometry method. The study involved 29 people with periodontitis moderate severity in remission that are not registered with a neurologist and orthopedic trauma. These studies show that the balance of the function in a standard rack Romberg test in almost all patients had no changes. However, when you change the position of the mandible of patients in the main group significant of postural disorders were recorded.

Keywords: periodontitis, computer stabilometry, occlusion, neuromuscular coordination.

P. 22 Clinical and immunological assessment of the oral cavity in patients with fixed prosthetic aesthetic designs and inflammatory periodontal diseases.

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Summary

Defects in dentition is often combined with other dental diseases, including inflammatory periodontal diseases. This article presents a study of local immunity of the oral cavity of patients with fixed prosthetic aesthetic designs and inflammatory periodontal diseases. As a result of analysis of the data determined by the relationship of various risk factors on the course of inflammatory periodontal diseases, detected imbalance of humoral immunity in the mouth. Changes in the activity of local immunity can use them as potential criteria for the diagnosis and differential immune local immunity in the complex treatment.

Keywords: inflammatory periodontal diseases, defects of dentition, oral humoral immunity factors, fixed prosthetic aesthetic designs.

P. 26 Some aspects of the treatment of deep caries with medical pads.

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Summary

The review of the cushioning materials used of the treatment of the caries presents in this article. The characteristics of use this materials are discussed. The advantages of the new biologically active cement Biodentine™ are demonstrated.

Keywords: treatment of deep caries, medicated pads.

P. 29 Methods of study of three-dimensional orientation of mandibular axis reporting to the orthognathic occlusion based on the computer tomography (CT) of temporomandibular joint (TMJ).

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Summary

In this article we have developed a technique for studying the arrangement of the hinge axis of the temporomandibular joint relative to the cranial structures and cephalometric planes.

Received issues confirm the point of view of certain researches about existence of imprecisions by the use of face bow, which is aimed for transferal of models of jaws in articulator, what influences accuracy of articulator's operation in the long run.

Keywords: computer tomography, temporomandibular joint, cephalometric area.

P. 32 The influence of tobacco smoking and contents carbon monoxide in the exhaled air on stomatologic health of patients. Yu.O. Soldatova, A.I. Bulgakova, H.H. Ganceva, F.R. Hismatullina

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Summary

We conduct study of the effect of smoking on oral health, depending on the experience of smoking, as well as reveal the relationship amount of carbon monoxide from smoking experience and changes in the condition of the oral cavity with the refusal of a bad habit. Diagnosis is made using clinical examination of patients, identification of dental indices survey using the methodology ViziLite Plus, the measurement of CO gas analyzer MICRO CO. A result of our study, we found a direct relationship between oral health and smoking experience. It was also discovered that smoking cessation oral health is markedly improved.

Keywords: smoking, oral cavity, diagnosis, carbon monoxide, parodont.

P. 36 Assessment of state of support teeth during orthodontic treatment according Periotest data.

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Summary

The article presents data analysis of change of the mobility of abutment teeth during orthodontic treatment. Patients were closing Post-extraction intervals in the upper jaw after the removal of first premolars. As the abutment teeth were first molars. Patients were divided into two groups. In one group orthodontic implants were used to enhance the anchorage. The mobility of the abutment teeth was measured using a device Periotest. Indications unit were stable in the group using orthodontic implants. In contrast, in the group of patients treated without enhance the anchorage readings apparatus significantly increased during treatment. Thus, use of orthodontic implants affects the mobility of the abutment teeth, namely — it does not allow increasing during the treatment. It is concluded that orthodontic implants stabilize the abutment teeth.

Keywords: orthodontic implant, stabilization abutment teeth, Periotest data.

P. 40 Substantiation of modern method to organization of orthodontal care for children with lokomotor apparatus abnormalities.

E.G. Perova, A.A. Levenets

Summary

Under analysis of results of remedial measures and control for clearing dentoalveolar anomalies and deformities among children and teenages with locomotor apparatus abnormalities in conditions of medical- edmnational orthopaedic hospital, the new method to organization of orthodontal care for children with scoliosis and irregular bearing is offered.

Keywords: dentoalveolar anomalies and deformities, locomotor apparatus abnormalities, scoliosis, irregular bearing, organization of orthodontal care.

P. 48 Compare of the machine cyclic fatigue endodontic NiTi instruments (experimentally-clinical research).

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Summary

The paper contains the results of experimental and clinical research of the cyclic fatigue machine endodontic NiTi instruments and their microscopic analysis.

Keywords: cyclic fatigue, microscopic analysis, disposable rotary nickel-titanium file.

P. 53 State of the practice in the provision of preventive services for children in municipal dental care institutions of Krasnoyarsk.

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Summary

This article is devoted to prevention of dental diseases in the population of children in Krasnoyarsk. Methods: Comparative analysis of medical institutions work based on the following indicators: registered population of children and number of the so called organized child care facilities (kindergartens and schools staffed with paedodontists), the dentists staff for 2012, work of children divisions in dental polyclinics, quantity and share of prophylactic visits during 2006—2012, sources of financing Krasnoyarsk TFOMS (Territorial (local) office of the Federal Organization of Medical Insurance) and the budgetary resource. Result: Children divisions of municipal dental clinics are understaffed. According to the presented data the share of prophylactic visits constantly decreases. Dental offices in the organized child care facilities allow to increase efficiency of prophylaxis and to improve health indicators in the population of children in Krasnoyarsk.

Keywords: dentistry, local communiti, caries, periodontal diseases.