

**The journal "Stomatologiya dlya vseh / International Dental Review" no. 1 2017
Abstracts of the articles**

P. 6 On the quality of dental care

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Summary

The article discusses the problems of the quality of dental care. Academician V.K. Leontyev analyzed the impact on the quality of dental care of factors associated with the functioning of market mechanisms, administrative and management factors; the principles of division of professional and administrative functions in management of stomatological branch are offered.

Keywords: dental care, quality, professional and administrative functions, management.

Citation: Leontyev V.K., Konarev A.V. On the quality of dental care. Stomatologia dla vseh. 2017; 1 (78): 1—5.

P. 12 The study of dental materials based on zirconium dioxide during manufacturing of orthopedic structures

Pervov Yu.Yu., Batoev A.A., Karpenko A.A., Karabtcev A.A., Sultanov A.A.

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Summary

The article gives an overview of the study of the modern dental materials mutual effect obtained by the methods of Raman scattering, X-ray energy dispersive spectroscopy, scanning electron microscopy. These data indicate the spontaneous appearance of the metastable phase (147, 260, 318, 464, 641 cm^{-1}) in the structure of zirconium dioxide. These changes begin with the interaction of zirconium dioxide surface with ceramic masses.

Keywords: ceramics, zirconium dioxide, one-piece ceramic appliances, Raman spectroscopy, EDS analysis, Scanning Electron Microscopy.

Citation: Pervov Yu.Yu., Batoev A.A., Karpenko A.A., Karabtcev A.A., Sultanov A.A. The study of dental materials based on zirconium dioxide during manufacturing of orthopedic structures. Stomatologia dla vseh. 2017; 1 (78): 1—5.

P. 17 Preventive dental care programs for older patients

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Summary

This article presents the results of analysis of the scientific validity, feasibility and timing for the development of a Preventive dental care program for older patients. The main method of the research was bibliographic and content analysis. It was found that the new Program must be comprehensive and include specific directions for the development of practical activities content of the Programme, its staffing, the development of the didactic material database creation of monitoring system of the Programme implementation and monitoring its results.

Keywords: preventive dental care, persons of elderly and senile age.

Citation: Kuznetsov S.V. Preventive dental care programs for older patients. *Stomatologia dla vseh.* 2017; 1 (78); 1—5.

P. 24 Prevalence, etiologic aspects and clinical manifestations of pemphigus vulgaris

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Summary

The review reveals the results of the study of the incidence of pemphigus in Russia and some countries of the world, the correlation of males of females, suffering from this disease. Issues of pathogenesis and etiology of pemphigus are presented, autoimmune processes in the body are found out to be the major cause. We studied clinical manifestations of various forms of pemphigus (pemphigus vulgaris, pemphigus vegetans, pemphigus foliaceus, pemphigus erythematosus). It is established that pemphigus vulgaris is the form which most frequently affects the oral mucosa This article is especially useful for dentists, since they are often the first to face manifestations of pemphigus in the oral cavity.

Keywords: pemphigus, vesicle e, ulcers, oral mucosa.

Citation: Bulgakova A.I., Hismatullina Z.R., Hamzina G.R. Prevalence, etiologic aspects and clinical manifestations of pemphigus vulgaris. *Stomatologia dla vseh.* 2017; 1 (78): 1—5.

P. 30 Modern orthopantomograph software information capacity

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Summary

The article presents the results of the analysis of X-ray materials of more than 1000 patients with dental and maxillofacial diseases in order to study the informativeness of the software used for orthopantomographs. Recommendations are given that can help expand the boundaries of X-ray diagnostics of the pathological processes of the maxillofacial region.

Keywords: orthopantomography, zonography, software, diagnostics, maxillo-facial region.

Citation: Arzhantsev A.P. Modern orthopantomograph software information capacity. *Stomatologia dla vseh.* 2017; 1 (78); 1—5.

P. 36 Influence of adhesive fiber tissue of mobile teeth on microcirculation status in parodont tissues with parodontite

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Summary

The article studies the effectiveness of the use of adhesive splicing structures in patients with inflammatory-destructive periodontal diseases. The technique of creating adhesive tires with flexible reinforcement based on fiberglass with pre-impregnation of the composite is presented. In the near and distant terms after tooth splinting, the vascular reactions of periodontal tissues were assessed using computer capillaroscopy. The results showed that after 3 months. After complex treatment, including the immobilization of mobile teeth, an increase in the density of functioning capillaries was observed in the periodontal tissues, normalization of the hemodynamic parameters, and an increase in the perfusion balance.

Keywords: periodontitis, adhesive-fiber splinting, fiberglass reinforcing tapes, computer capillaroscopy.

Citation: Abaev Z.M., Zorina O.A., Severina L.A. Influence of adhesive fiber tissue of mobile teeth on microcirculation status in parodont tissues with parodontite. *Stomatologia dla vseh.* 2017; 1 (78): 1—5.

P. 42 The method of assessment of the hygienic state index in dental mini-implants and orthopedic structures fixed on them

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Summary

A new method of estimation of the hygienic state index of dental mini implants and orthopedic structures fixed on them is proposed.

The dental mini implants hygiene index(HI MDI) developed is suitable for both traditional implants and mini-implants with removable and fixed prosthetics, takes into account all types of dental plaque. It is easy to use in the conditions of everyday dental treatment. Based on the results of the index evaluation, it allows to choose effective products for home hygiene care, to determine an individual schedule for professional oral hygiene, and to motivate the patient to thoroughly hygienic care for implants.

Keywords: implants hygiene-index, dental mini-implants, dental care for mini-implants.

Citation: Kiparisova D.G., Kiparisov Y.S., Nurieva N.S. The method of assessment of the hygienic state index in dental mini-implants and orthopedic structures fixed on them. *Stomatologia dla vseh.* 2017; 1 (78): 1—5.

P. 46 Coaching technology as a way of forming a patient's good oral care habits

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Summary

A clinical study of coaching techniques effectiveness in the formation of a patient's dental culture to personal oral hygiene was carried out. 59 patients of a dental clinic participated in the survey and monitoring. To study the effectiveness of coaching technology on the formation of dental culture in matters of personal oral hygiene, the patients observed were divided into 2 groups.

With the patients of the main group, coaching sessions were held on specially modified coaching techniques aimed at motivating oral hygiene. Evaluation of the oral cavity hygienic state in the groups, after 6 months, revealed significant differences in the oral hygiene indices.

Application of coaching technologies aimed at the motivation sphere in the issues of patient health education allows to obtain better hygienic education and to form a responsible attitude to oral health.

Keywords: coaching in medicine, motivation developing, dental culture, oral hygiene, oral disease prevention.

Citation: Leontyeva E.Yu., Bykovskaya T.Yu., Tlepzerischev R.A., Kireev V.V. Coaching technology as a way of forming a patient's good oral care habits. *Stomatologia dla vseh.* 2017; 1 (78): 1—5.

P. 52 Lumineers — a new method of treatment of discolourness

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Summary

In the modern world, orthopedic dentistry presents many new prosthetic techniques. This article presents a literature review of Lumineers discoloration treatment method, its indications, contraindications, benefits, etc. Lumineers require no tooth reduction.

Keywords: lumineers, aesthetics, discolourness, population.

Citation: Fleicher G.M. Lumineers — a new method of treatment of discolourness. *Stomatologia dla vseh.* 2017; 1 (78): 1—5.

P. 54 The impact of dentition defects on the psychological health and quality of life of patients with diabetes mellitus

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Summary

To assess the impact of tooth loss on the psycho-emotional status and quality of life of patients with type 2 diabetes clinical examination of 68 patients (aged 51 to 68 years) with 1st and 2nd Kennedy grades partial adentia performed. The main group (n=32) included patients with clinically verified diagnosis of "type 2 diabetes mellitus", the disease duration of $6,8 \pm 1,7$ years and an average blood sugar level of $8,2 \pm 1,2$ mmol/l. Control (n=36) group included patients without somatic pathology.

According to the study, partial secondary adentia in patients with diabetes is accompanied by increased anxiety and aggression and increased level of neuroticism. A comparative assessment of quality of life indicators according to questionnaires MO SF-36 and OHIP-14-RU was made. On the basis of which conclusions were formulated about the necessity of timely prosthetic rehabilitation of patients with diabetes as an important factor in improving mental and general condition of patients.

Keywords: diabetes mellitus 2 type, situational and personal anxiety, level of neuroticism, quality of life, partial tooth loss.

Citation: Shevkunova N.A. The impact of dentition defects on the psychological health and quality of life of patients with diabetes mellitus. *Stomatologia dla vseh*. 2017; 1 (78): 1—5.