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24th BaSS CONGRESS

May 9-11, 2019 | Tirana, Albania

CONTEMPORARY APPROACHES AND CHALLENGES IN DENTISTRY



Abstracts Book

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ABSTRACTS BOOK

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Messages



President of 24th BaSS Congress

Assoc. Prof. Dr. Edit Xhajanka

Dean of Faculty of Dental Medicine, Tirana, Albania

Messages

Dear highly esteemed colleagues and friends,

It is a great pleasure for us to invite you to participate in the **24th Congress of Balkan Stomatological Society (BASS) on 9-11th May 2019**, in Tirana, Albania, for the third time.

Recent changes have turned this city into a European metropolis, so we are excited to have your international presence here, to expand upon our collective scientific endeavour.

This is an ideal opportunity to exchange professional experiences and deepen our knowledge, through lectures and presentations on the latest technology and contemporary achievements in the field of dentistry. Also, the magic of a Congress is “communication”. The personal dialogue, the joining up with colleagues, networking and the direct discussion is of highest value.

I would like to invite you to participate in this important event of dentistry, where you will communicate with the international language of science, but also you will have the possibility to enjoy the hospitality, the virtues and the wonderful nature of Albania.

I wish a successful Congress and enjoyable staying in Tirana.

Kindest regards!



President of BaSS

Prof. Dr. Argirios Pissiotis

Messages

Dear distinguished members of the Balkan Stomatological Society,

Dear Colleagues in the Balkan Countries,

It is my pleasure to invite you to attend the **24th Congress of the Balkan Stomatological Society (BaSS)** which will be organised this year in Tirana, Albania at the Tirana International Hotel and Congress Centre on the 9th through the 11th of May 2019, under the Presidency of Assoc. Professor Dr. Edit Xhajanka.

The Balkan Stomatological Society (BaSS) following its tradition of more than twenty years in organizing, as per its constitutional obligation, another annual Congress with the purpose of bringing together dentists from all the Balkan countries to exchange scientific knowledge and share clinical experiences for the benefit of the oral health care of the people residing in the Balkans.

The chosen theme of this Congress is “Contemporary Approaches and Challenges in Dentistry”. This addresses treatment modalities that have been developed based on the modern materials and devices that are used in contemporary Dentistry. The implementation of treatment approaches based on the use of new technologies tends to change the shape of Dentistry of the 21st century, and the provision of oral healthcare to our patients.

This Congress has also another purpose except the pure scientific one and this is the opportunity it will provide once more, to bring together dentists from the Balkan and other European countries to spend a long weekend together socialising, meeting old friends, making new ones enhancing communications between professionals from the Balkan area and Europe.

With this message I would like to wish my dear friend and colleague Assoc. Prof. Dr. Edit Xhajanka and her team a great success with the organisation and extend an invitation to all the colleagues to come to Tirana this coming May.

With Kind Regards,



President of Honor of the Congress
Prof. Dr. Norina Forna

Messages

The happy and honourable occasion offered by the **Albanian National Association of Dental Professionals** to organise the **24th Edition of the Balkan Stomatological Society Congress in Tirana** is a challenge thru developing more and more the scientific, educational and organisational valences of such an event and demonstrating once again by the large number of participants and speakers from all over the world.

The presence of the dentistry's elites, the diversity of existing themes in the congress, their practical applicability offers a wide range of interest, attention and attraction to the participant audience of all generations of practitioners - general practitioners and academics.

We will certainly remember the brilliant reference of the BASS editions, which we will be pleased with, both from the point of view of scientific quality and generous hosts who are active in a landscape, full with traditions and rich culture.

"We are what we do repeatedly, therefore excellence is not an action but a habit" - Aristotle

With friendship

Prof. Norina Consuela Forna

Dean of Faculty of Dentistry

University of Medicine and Pharmacy "Grigore T Popa"



President of ANADP

Assoc. Prof. Dr. Merita Bardhoshi

Messages

Dear friends, dear colleagues,

It is my great pleasure to be able to welcome you in Tirana, Albania, for the 24 Congress of Balkan Stomatological Society, on 9-11 May 2019. I believe that this congress will not only increase our scientific experience in the field of dentistry, but also make a contribution to improve our cultural relations.

We will offer scientists and practitioners the scientific and clinical platform to present and discuss their research results and clinical cases and to stay up-to date with the developments and new technologies in every field of dental medicine.

24th BASS Congress meeting in exciting and diverse Tirana city will most certainly bring us even closer together and further strengthen our friendship. This colorful city, well known for its value and hospitality towards guests, together with exciting social program insure another memorable BASS Congress.

I assume that all participant countries are very happy to share these warm feelings and friendship and be together again during the 24.th Congress. I greet you all and wish you success and good time all through this congress.

Assoc. Prof. Dr. Merita Bardhoshi

President of Albanian National Association of Dental Professionals (ANADP)

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135. SIX-MONTH CLINICAL EVALUATION OF APPLICATION MODES/ETCHING METHODS OF AN UNIVERSAL ADHESIVE IN NON-CARIOUS CERVICAL LESIONS

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Abstract

AIM: The aim of this study was to evaluate the 6-month clinical performance of resin composite restorations using an universal adhesive with different application modes and etching methods in non-cariou cervical lesions(NCCLs).

METHODS: Forty patients with at least five NCCLs participated in the study. A total of two hundred restorations were placed randomly according to application modes and etching method of an universal adhesive (Clearfil Universal Bond Quick); Group I; etch&rinse mode with phosphoric acid (ER-A), Group II; selective-etch mode with phosphoric acid (SLE-A), Group III; etch&rinse mode with laser(ER-L), Group IV; selective-etch mode with laser(SLE-L), Group V; self-etch(SE). Er,Cr:YSGG laser was used at 1.5W, 20Hz, 140µs pulse duration for 15seconds(65% air, 75% water). The composite resin Filtek Supreme Ultra(3M ESPE) was placed incrementally.

The resin composite, Clearfil Majesty ES-2 was placed incrementally by the same operator. Two experienced and calibrated examiners evaluated the restorations at one week(baseline) and 6 months using modified USPHS criteria. Data was analysed by the Mc Nemar and chi-square tests (p<0.05). No statistically significant difference was detected within each group when baseline and six-month data were compared(p>0.05).

CONCLUSION: The 6-month clinical performance of resin composite restorations did not differ according to the application modes and etching methods of the tested universal adhesive.

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136. THE POSSIBILITIES OF DIFFERENT SOFT TISSUE GRAFTING METHODS IN THE TREATMENT OF GINGIVAL RECESSIONS

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Abstract

Gingival recession is described as an apical migration of the marginal gingival tissue towards or beyond the cemento-enamel junction. The occurrence is multifactorial, mainly due to trauma induced by traumatic tooth brushing, orthodontic movement, as well as anatomical factors such as bone dehiscence, malposition of teeth and muscle pull. Treatment modalities vary according to

the type and severity of the recession. Soft tissue in the oral cavity is widely available and easily accessed. Mostly used donor sites for soft tissue grafting are the palatal area, tuber maxillae and the buccal fat pad. In this paper we will compare those three methods for covering the exposed roots, with special accent to the promising results and effectiveness of the free graft from the buccal fat pad as a promising donor area. However, thus far, evidence is lacking for new modified techniques which can improve the patient experience undergo micro-surgical treatments, and will provide long-term aesthetic results at the same time.

KEYWORDS: gingival recession, exposed root, gingival graft, buccal fat pad

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137. EVALUATION OF MASSETER MUSCLE THICKNESS AND INTERNAL STRUCTURE WITH ULTRASONOGRAPHY IN FEMALE BRUXIST PATIENTS

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Abstract

Background: Bruxism is parafunctional activity that occurs involuntarily rhythmic and spasmodic grinding and/or clenching of the teeth which usually occurs at night. In long-lasting bruxism, the masseter muscle is continuously stimulated, muscle activity and muscle thickness increase. The aim of this study was to evaluate the masseter muscle thickness and internal structure in individuals with bruxism by ultrasonography.

METHODS AND MATERIALS: 30 female patients with bruxism and 30 healthy female individuals between the ages of 20-35 were included in the study. The masseter muscle thickness was measured by single observer during the conditions of rest and maximum clenching. Ultrasonographic internal structure of the masseter muscle is classified according to the visibility of echogenic bands. In addition, the echogenic internal structure of the masseter muscle was evaluated with quantitative muscle ultrasound. Shapiro-Wilk test was used to determine whether all data showed normal distribution, and variance homogeneity was analyzed by Levene's test. Independent and paired sample t-test for normal distributed data; Mann-Whitney U and Wilcoxon Signed Rank tests which are non-parametric tests were used for data not showing normal distribution. The relationship between the parameters was evaluated by Pearson Correlation Test.

RESULTS: The masseter muscle thickness was significantly higher in both positions in patients with bruxism (p < 0,05).

CONCLUSION: While bruxism causes an increase in the masseter muscle thickness, it has no significant effect on the echogenic internal structure of the muscle.

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