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24th BaSS CONGRESS

May 9-11, 2019 | Tirana, Albania

CONTEMPORARY APPROACHES AND CHALLENGES IN DENTISTRY



Abstracts Book

ABSTRACTS BOOK

24th Congress of Balkan Stomatological Society (BaSS)

9-10th May 2019 | Izmir, Albania

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24th BaSS CONGRESS
May 9-11, 2019 | Tirana, Albania

CONTEMPORARY APPROACHES AND CHALLENGES IN DENTISTRY

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 endeavor.

This is an ideal opportunity to exchange professional experiences and deepen our knowledge, through lectures and presentations on the latest technology and contemporary advancements in the field of dentistry. Also, the magic of a Congress is "communication". The personal dialogues, the joining up with colleagues, networking and the shared decisions 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.

Wish a successful Congress and enjoyable staying in Tirana.

Kindest regards!

Congress President

Assoc. Prof. Dr. Edit Xhajanka



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 organized this year in Tirana, Albania at the Tiranë International Hotel and Congress Centre on the 9th through the 11th of May 2019, under the Presidency of Assoc. Professor Dr. Edi Xhajzaku.

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 socializing, 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. Edi Xhajzaku and his team a great success with the organization and extend an invitation to all the colleagues to come to Tirana this coming May.

With Kind Regards,
President of BaSS
Prof. Dr. Argirios Pissiotis



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

Messages

The happy and honorable occasion offered by the **Albanian National Association of Dental Professionals** to organize the **24th Edition of the Balkan Stomatological Society Congress in Tirana** is a challenge that develops even and raises the scientific, educational and organizational values of such an event and disseminating 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 forms in the congress, the 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 relevance of the **IBSS** 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 kinshiply

Prof. Norina Cassada Forna

Dean of Faculty of Dentistry

University of Medicine and Pharmacy "Grigore I. Papan" Tirana

Tirana, Albania



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 24th 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. The colorful city, well known for its value and hospitality towards guests, together with exciting social program makes another memorable BaSS Congress.

I assure that all participant countries are very happy to share these warm feelings and friendship and be together again during the 24th 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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correlated to smoking. The most prevalent lesions were fissured tongue (34.2%), benign tumors (17.1%), hairy tongue (16.5%), and white lesions (12.6%). The prevalence was significantly higher in the 60 to 69 year old group (80.4%) than in the 70 years and older group (57.4%). Denture stomatitis was observed in 7.5% of the participants in the 70 years and older group compared with 3.2% in the 65 to 69 year old group.

CONCLUSION: There was a high prevalence of oral mucosal lesions among elders, and the presence was related to age, gender, low education level, smoking and poor oral habits.

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PREDICTIVE VALUES OF THE DETECTED STREPTOCOCCUS MUTANS, STREPTOCOCCUS SOBRINUS IN SALIVA IN CHILDREN WITH PRIMARY DENTITION FOR THE PRESENCE OF DENTAL CARIES

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Abstract

GOAL: Streptococcus mutans and Streptococcus sobrinus are considered to be the main etiological agents for the appearance of dental caries in humans. It has been established that in children of pre-school age in whose saliva S. mutans and S. sobrinus have a significantly higher incidence of dental caries than those with the presence of only S. mutans.

METHODS AND MATERIALS: In the examination we included 74 examinees at the age from 4-6 years (primary dentition), from which 31 were with a dmft=0 (control group) and 43 examinees were with dental caries (studied group). Isolation of S. mutans and S. sobrinus samples of saliva we did with genomic Charge Switch Forensic DNA Purification kit (Invitrogen). (Invitrogen Corporation 1600 Faraday).

RESULTS: In the experimental group of 43 (58.10%) children, S. mutans was isolated in 36 (48.60%) of the saliva and 7 (9.50%) was not isolated S. mutans. In the control group of a total of 31 (41.90%) children, in 16 (24.30%) of children from the saliva, S. mutans is isolated, and 13 (17.60%) of children from the saliva is not isolated S. mutans. In the distribution of data related to the detection of Streptococcus mutans in saliva in children with primary dentition, there is a significant difference between the two groups for Pearson Chi Square = 6.01 and $p < 0.05$ ($p = 0.01$).

In the experimental total of 43 (58.10%) children, S. sobrinus was isolated in 35 (47.30%) of the saliva and 8 (10.80%) was not isolated in the control group of 31 (41.90%) children, in 17 (23.00%) children from the saliva isolated S. sobrinus and in 14 (18.90%) children from the saliva is not isolated S. sobrinus. In the distribution of data relating to the detection of Streptococcus sobrinus in saliva in children with primary dentition, there is a significant difference between the two groups for Pearson

Chi Square = 6.08 and $p < 0.05$ ($p = 0.01$). When we correlate the bacteria S. mutans, S. sobrinus in the saliva with the existence of dental caries we can conclude that there is a significant correlation ($p < 0.001$).

CONCLUSION: The salivary bacterial and nonbacterial parameters can be used as serious screening factors and can seriously participate as an instrument in the assessment of the dental caries risk.

KEYWORDS: dental caries, S. mutans, S. sobrinus, primary dentition, salivary bacterial and nonbacterial parameters.

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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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ENDODONTIC TREATMENT OF FRACTURED INSTRUMENT BEYOND THE APEX OF CURVATURE TOOTH WITH MULTIDISCIPLINARY APPROACH

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Abstract