



Organized by
Romanian Association for Dental
Education
under the aegis of
Balkan Stomatological Society



23RD BaSS Congress

Dental Medicine of the Younger vs. Elderly Patients

10 – 12 May 2018
PALAS Congress Hall | IASI | ROMANIA
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MESSAGES



BaSS President
Prof. Dr. Argirios Pissiotis

*Dear distinguished members of the Balkan Stomatological Society,
Dear Colleagues in the Balkan Countries,*

It is my pleasure to invite you to attend the 23rd Congress of the Balkan Stomatological Society (BaSS) which will be organized this year by our President-Elect, Professor Dr. Norina Foma in Iasi, Romania at the Palas Congress Hall from the 10th through the 12th of May 2018.

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 "Dental Medicine of the younger versus elderly patients". This addresses the provision of oral health care to the young people to ensure that they live their lives with as smaller dental problems as possible but also ensures that the elderly people receive the dental care they require to be able to enjoy the rest of their lives.

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 Prof. Norina Foma and her team a great success with the organization and extend an invitation to all the colleagues to come to Iasi.

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

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MESSAGES



President of BaSS Congress 2018
Prof. Univ. Dr. Norina Forna
Dean, Faculty of Dental Medicine,
Grigore T. Popa U.M.Ph., Iasi, Romania
President of the Romanian Society of Oral Rehabilitation

Dear Colleagues,

I warmly invite you to the 23rd Balkan Stomatological Society Congress, which will be held this year in Iasi, Romania, from 10 to 12 of May 2018.

This meeting marks an important moment in the evolution of the Romanian Association for Dental Education and of the Faculty of Dental Medicine, under the aegis of interdisciplinarity and avant-garde.

The selection of the governing theme for this international scientific event is not random: the dental medicine practice raises special issues in the treatment of either young or elderly patients, which often require special demands, opening a wide field of subjects for the dental research.

The BASS meeting will bring our city, Iasi, in the center of the scientific community devoted to the study of advances in dental medicine. Distinguished speakers from all around the world will offer the most recent updates in the clinical and paraclinical areas of interdisciplinarity, covering a broad range of topics, and the sessions of conferences and oral communications organized throughout the meeting will provide a valuable framework for all the specialists in the field of dental medicine to change knowledge and to establish new professional collaborations.

We are looking forward to welcome you in Iasi, the city of seven hills, "little Rome" of Romania, from the heart of the Moldavian region, a city rich in history and culture, and we hope that your staying here will be a very pleasant experience!

President of BaSS Congress 2018
Prof. Univ. Dr. Norina Forna
Dean, Faculty of Dental Medicine,
Grigore T. Popa U.M.Ph., Iasi, Romania
President of the Romanian Association for Dental Education

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SATURDAY, MAY 12 th , 2018		VERDI HALL
Time		
09:00	POSTER PRESENTATIONS	
10:00	Pediatric dentistry II (12)	
	Chairmen:	Prof. Dr. Aurelia Spinei (Rep. of MOLDOVA) Assoc. Prof. Dr. Elena Mihaela Carausu (ROMANIA)
PP 117	INDIVIDUALIZED AND COMPLEX PREVENTION OF DENTAL CARIES IN CHILDREN WITH DISABILITIES <u>AURELIA SPINEI</u> Nicolae Testemitanu State University of Medicine and Pharmacy Chisinau Republic of Moldova	
PP 118	RAGYOGRAPHIC FOLLOW-UP OF APEXIFICATION WITH MINERAL TRIOXIDE AGGREGATE: A CASE REPORT EZGI EROĞLU, EMINE TATAR, SEMA ÇELENK, <u>TUĞÇE NUR PEKDEMİR</u> Dicle University, Istanbul Turkey	
PP 119	MESIODENSE AS A RISK FACTOR IN TREATMENT OF DENTAL INJURY <u>MESUT ELBAY*</u> , <u>ÜLKÜ ŞERMET ELBAY*</u> , CEREN UĞURLUEL**, BAHADIR KAN*, ESER TUTUŞ* *Kocaeli University, Faculty of Dentistry; **Medicana Hospital Turkey	
PP 120	REPLANTATION OF AVULSED TOOTH: A CASE REPORT <u>HATICE KÜBRA DAMAKSIZ</u> , ELMAS TÜFEK ATICI, EMIN CANER TÜMEN, BUKET AYNA Dicle University Istanbul, Faculty of Dentistry Turkey	
PP 121	THE STATE OF ORAL HYGIENE IN CHILDREN FROM SOCIALLY DISADVANTAGED FAMILIES <u>SVETLANA PLAMADEALĂ</u> , SVETLANA GREC, ECATERINA BOCANCEA, DANIELA GALAI, AURELIA SPINEI Nicolae Testemitanu State University of Medicine and Pharmacy Chisinau Republic of Moldova	
PP 122	SALIVA ANTIOXIDANT CAPACITY AND DENTAL CARIES IN CHILDREN BETWEEN THE AGE 4 TO 6 <u>SANJA NASHKOVA</u> , KATERINA ZLATANOVSKA, VERICA TONEVA, SANDRA ATANASOVA, NATASHA LONGUROVA University "Goce Delcev" Shtip - FYROM	

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families with favorable socio-economic status. The oral hygiene status was estimated using the OHI-S index. The particularities of oral hygiene care in children were studied by the questionnaire method. The study was conducted in accordance with ethical requirements, with the written consent of the parents of children or the legal representatives. **Results:** in children in group L1 the average value of the index $OHI-S=2.82\pm0.12$, in opposed to 1.12 ± 0.16 in L0. Just $14.13\pm2.07\%$ children of L1 had good oral hygiene, $27.92\pm2.67\%$ children – fair oral hygiene, $57.95\pm2.93\%$ – poor oral hygiene. $88.20\pm2.77\%$ of the children in L1 were practiced a single toothbrush in the day, mostly in the morning until breakfast, applying an incorrect technique. The majority of children in L1 considerably exceed the terms of use of oral hygiene items and parents do not create the sanogenic environment required in the family environment. **Conclusions:** This study established the poor state of oral hygiene in socially disadvantaged children, lower levels of hygienic culture and lack of sanogenic behavior in the familiar environment, which must be taken into account when planning preventive measures in oral health programs.

Keywords: oral hygiene, dental brushing.

PP 122 SALIVA ANTIOXIDANT CAPACITY AND DENTAL CARIES IN CHILDREN BETWEEN THE AGE 4 TO 6

SANJA NASHKOVA, KATERINA ZLATANOVSKA, VERICA TONEVA, SANDRA ATANASOVA, NATASHA LONGUROVA
University "Goce Delchev" Shtip
FYROM

14 - PAEDIATRIC DENTISTRY

Background: The saliva has various defence mechanisms such as the immune and enzyme systems, defence against bacteria, viruses, fungi and protection of the oral mucosa as it promotes its curative features. Our research is focused on the correlation of the DMF index and the antioxidant capacity of saliva. **Aim:** 100 children from both genders, aged between 4 and 6 from the local nurseries from the town Shtip were the examinees. The first group of 30 were children with $DMF = 0$ divided in a control group and 70 children with DMF – experimental group. For the detection of the DMF we used the Klein – Palmer index, DMFT. **Materials and Methods:** We used prepared sets Total Antioxidant Capacity(PAO) Assay, Biomedica Company, USA and the method is due to the substance 2,2'-azino-bis (3-ethylbenzothiazoline-6-sulphonic acid) or ABTS which we incubated with peroxidase and hydrogen peroxide whereupon radical cation, $ABTS^+$ were formed with relatively stable blue-green colour and a measured intensity of 600 nm. **Results:** The tested relation between the total antioxidants in the saliva of children with first dentition and the presence of dental caries is $R = -0.44(p < 0.05)$, whereupon a medium strong negative relevant correlation was determined in both tested groups. The increase of the total presence of antioxidants in the saliva of children is followed with a decreased presence of dental caries of children. **Conclusion:** The antioxidant activity of the saliva is related to the increase of the suspension of proteins and

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cariogenic activity, the total antioxidant capacity is increased in children with caries compared to the caries-free children it showed no statistical importance.

Keywords: DMF, total antioxidant capacity

PP 123 NUTRITION AND ORAL HEALTH IN CHILDREN – PILOT STUDY

MARIANA DIMOVA - GABROVSKA, DEISLAVA DIMITROVA, ANDREEVA -
BORISOVA RADOSVETA
Medical University - Varna
Bulgaria

14 - PAEDIATRIC DENTISTRY

Background: The intake of nutrients influences the growth and development of oro-facial structures, oral mucosa and can be a major factor in the occurrence of dental diseases such as caries, enamel defects, erosions and periodontal diseases. The **aim** of this study is to investigate the changes in dietary intake of children with disorders in oral structures and after prosthetic treatment. **Material and Methods:** 58 subjects aged 3 to 18 are included in the study. They are divided into two groups – first is from children with oral disorders and the second is with children after prosthetic treatments. After examination of the 24-hour diet, the amount and quality of the ingested micronutrients is established and compared with normal intake rates for the respective age. **Results:** There is statistically significant correlation ($P = 0.024$) between the disorders of the oral structures and increased fat intake. Children in this group prefer low-molecular carbohydrate foods, poor in minerals and vitamins, easy for chewing. In the group with prosthetic treatments, lower fat intake is found compared to the first group (38.9% of total daily energy), but the values are also above the age limit (from 25% to 35%). Reduced fiber intake is found for both groups (respectively 11.8 and 13.3 g / per day). **Conclusion:** To assess the nutrition and its impact on oral health, it is necessary to develop and implement a screening system which evaluate the possibility of balanced nutrition in dental clinical practice.

Keywords: nutrition, dietary intake, micronutrients, oral health, childhood

PP 124 RESTORATION OF COMPLICATED CROWN FRACTURE WITH FIBER POST: A CASE REPORT

TUĞÇE NUR PEKDEMİR, CANSU OSMANOĞULLARI SARIYILDIZ, İZZET YAVUZ
Dicle University, Diyarbakir, Faculty of Dentistry
Turkey

14 - PAEDIATRIC DENTISTRY

Aim: Crown fractures are classified into 2 groups according to whether they contain pulp or not, complicated and uncomplicated. The types of restorative treatment are evaluated according to the amount of crown after complicated crown fracture. In this presentation, we aim to present a case report on restoration with fiber post in this type of trauma. **Case report:** We evaluated the