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11-14 May 2023, Skopje
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CURRENT TRENDS
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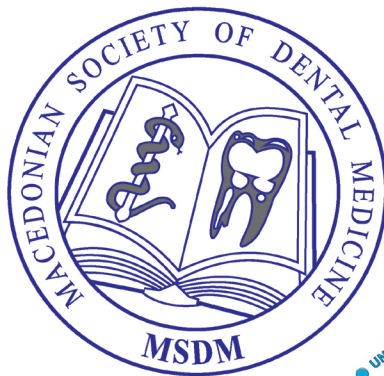
ABSTRACT
BOOK

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The background of the cover features a stone wall on the right side and a flag on a tall pole in the upper right. The rest of the background is a faded, light-colored image of a cityscape with buildings and mountains in the distance.

26th Congress of the BaSS 11-14 May 2023
Skopje, Republic of North Macedonia

“CURRENT TRENDS AND ADVANCES IN DENTISTRY”

ABSTRACTS BOOK
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11-14 May 2023, Skopje
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PRESIDENTS'S MESSAGES



Dear Distinguished Colleagues,

It gives me great pleasure to announce that the forthcoming 26th BaSS annual congress will be held in Skopje, North Macedonia, between 11th and 14th May 2023, continuing the tradition that began in Thessaloniki in 1996.

There is no doubt that this Congress of the Balkan Stomatological Society will contribute to promoting further professional cooperation and provide opportunities for mutual exchange of experience regarding modern dentistry. Its objectives include improving dental health services and dental medicine researches, as well as strengthening friendship among dental professionals who are committed to enhance their knowledge and skills.

After ten years, the City of Skopje will have the opportunity to host dentists not only from the Balkan region but also from countries around the world, and once again, they will have a chance to experience the impressive attractions and historic splendors in the country.

It is certain that this event with its conferences, round tables, scientific works, dental exhibitions and social programs will provide you with an experience that will be treasured for a lifetime.

I do really hope that you will join us on 11 May in Skopje, to share and gain insights about the up-to-date aspects of dental medicine currently being practiced worldwide.

Prof. Dr. ANA MINOVSKA
President of the Balkan Stomatological Society (BaSS)





Dear friends, esteemed colleagues,

It is my utmost pleasure to invite you to the 26th Congress of the Balkan Stomatological Society (BaSS), which will take place in Skopje, Republic of North Macedonia, from 11th to 13th of May, 2023.

The Congress will be a wonderful opportunity to exchange knowledge, know-how and experience between colleagues not only from the Balkan countries, but, from Europe and across the globe, as well.

The congress program will be comprised of a plethora of lectures from distinguished speakers from around the world, oral and poster presentations of the newest research findings, round tables and courses that give the participants opportunity to learn new clinical methods and modalities. Additionally, an exhibition of the most renowned companies in dentistry will give you an opportunity to be in touch with the newest advances in dental technology.

Last, but not least, I would sincerely like to invite you to our beautiful country, the Republic of North Macedonia, and its capital, Skopje, where you are going to be able to experience the wonderful Macedonian hospitality, cuisine and sights, while meeting old colleagues and friends and establishing new ones.

We are more than happy and looking forward to being your hosts in Skopje,

*Yours sincerely,
Prof. Elizabeta Gjorgievska,
President of the 26th BaSS Congress*





Dear Colleagues members and followers of the Balkan Stomatological Society (BaSS)

It is a great privilege to welcome you to the 26th BaSS Congress to be held in Skopje, North Macedonia from 11 to 14 of May 2023 from the position of Honorary President of the Congress.

For this honorable appointment I would like to express my sincere thanks to my dear friend Professor Ana Minovska, President of the Balkan Stomatological Society (BaSS) and Professor Elizabeta Gjorgjevska, President of the 26th Bass Congress.

This BaSS Congress following the tradition of all previous BaSS Congresses will bring again together Dentists and Dental Students from all the Balkan Countries, in this post COVID-19 pandemic new beginning of face-to-face Meetings following the start we did in Sarajevo, Bosnia and Herzegovina last May.

Once again, we will be able to share scientific knowledge amongst colleagues and friends and enjoy the opportunities for social entertaining in the hospitable environment that our colleagues in North Macedonia are preparing.

With these few words I would like to invite you to make plans to join us in this 26th Congress of BaSS in Skopje next May. I look forward in seeing you there!

*Professor Argirios Pissiotis DMD, MS, PhD, FICD
Honorary President 26th BaSS Congress*



the maxillary sinus, cystic cavity, etc.

METHODS AND PROCEDURE: A female patient at the age of 30 was admitted to the University Clinic for Oral Surgery in Skopje, referred by her family dentist, with an extraction of tooth 16 (the upper right first molar) in progress, during which the buccal roots were extracted while the palatal root was pushed into the cystic cavity.

RESULTS: The palatal root was removed from the cystic lumen, and a complete cyst enucleation - enucleation in toto - was performed without opening the maxillary sinus. The obtained material was sent for pathophysiological examination. New bone beams are observed in the cystic space 8-12 weeks post-surgery.

CONCLUSION: Teeth extraction should be approached seriously, with a prior exhaustive history, intraoral status, and a mandatory X-ray of the patient,

Keyword: cysta radicularis, cistectomy, sinus aperta, radix relicta

PP-15

APPLICATION OF PIEZOSURGERY IN EXTRACTION OF IMPACTED CANINES (case report)

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INTRODUCTION: The permanent canines and wisdom teeth are most affected by impaction. Regarding the impacted canines, orthodontic traction and self-transplants are potential treatment options but many factors have to be considered when performing these interventions: patient age, root formation stage and tooth development, angulation, absence of root dilacerations, extensively of the osteotomy etc. In cases where these two treatment options are unpredictable or contraindicated, a surgical extraction of impacted tooth is a method of choice.

AIM: The aim is to present a piezosurgery-assisted extraction of impacted canine evaluating advantages and disadvantages when compared to osteotomy with conventional rotatory instruments.

MATERIALS AND METHOD: A 14 years-old female was referred to our clinic with complaint for absence of the right maxillary canine. CBCT scan revealed impacted maxillary right canine, Class III by Archer. Due to the unfavorable position and curved root, orthodontic traction treatment was considered as contraindicated, so we proceeded with a tooth removal using piezo surgical device.

RESULTS: Piezosurgery showed less damaging of adjacent tissue and less heating during the procedure, shortened postoperative period and patient discomfort, as well as lower inflammatory response.

CONCLUSION: Taking into account the advantages over disadvantages of using the piezo approach for extraction of impacted canines, we can recommend this method with full confidence and predictable outcomes.

Keywords: impacted canine, piezo surgery, tooth extraction.

PP-16

ASSESSMENT OF AESTHETIC EFFECTS AFTER LASER-ASSISTED CROWN LENGTHENING IN THE FRONTAL AESTHETIC REGIONS

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INTRODUCTION: The crown lengthening in the frontal aesthetic regions includes removal of the incorrectly positioned gingiva and restoration of its margins, within acceptable limits for aesthetics. The crown lengthening can be performed much simpler with the help of lasers. Starting from the fact that aesthetic smile is more

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demanded by patients, as well as due to the advantages that laser light has, the main goal was set - to make an assessment of aesthetic effect of laser-assisted crown lengthening in the upper frontal region.

MATERIAL AND METHOD: The total number of subjects was 35. In order to fulfill the main goal, adequate questionnaire for subjective assessment of the achieved aesthetics with the help of prosthetic restorations by the patients was done. A small part of the questionnaire was done by the dentists who performed the interventions for assessment of the achieved aesthetics.

RESULTS: Over ninety percent of the subjects indicated that with the help of the restorations, an improved aesthetic effect it gained. Most of the subjects subjectively estimated that they had a significant improvement in aesthetics, in contrast equal number of clinical doctors estimated that significant and a moderate improvement in aesthetics were achieved.

CONCLUSION: Based on this research, we can conclude that usage of the laser in the clinical crown lengthening procedures is characterized by a significantly improved aesthetics, assessed by the patients and by the dentists.

Keywords: aesthetics, aesthetic effect, crown lengthening, laser-assisted crown lengthening

PP-17

ODONTOMA AS AN ETIOLOGICAL FACTOR FOR IMPACTION OF TEETH

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Odontoma is considered to be the most common odontogenic tumor of the oral cavity. Most odontoma are discovered during routine radiographic investigations and can cause disturbances in the teeth eruption. Here we report two cases, where the odontoma are the main etiological factor for tooth impaction. The aim of this study is to determine the necessity of the removal of the odontoma as a main etiological factor for tooth impaction in order to induce successful tooth eruption. In the first case, a radiography examination using orthopantomogram showed radio-opaque lesions mesial to the impacted right mandibular canine. The lesion was surgically removed under local anesthesia. After mucoperiosteal flap was raised, superficial bone was removed followed by the removal of the calcified structures. The flap was approximated and sutured. In the second case, a radiography examination using CBCT revealed presence of radio-opaque lesions next to the unerupted left maxillary canine. Surgery was performed under local anesthesia. After the primary canine was removed, the odontomas were removed in order to establish eruption path for the canine. The results of this study show that using the appropriate surgical protocols that eliminate odontogenic lesions can establish adequate environment for teeth to erupt. Diagnosis of odontoma at an early age and its surgical excision may prevent eruption disturbances. A careful follow-up of the case, implementing preventive and interceptive orthodontics, if necessary, prevents future malocclusion.

Keywords: CBCT, Odontoma, Surgery, Tooth impaction

PP-18

FULL MOUTH REHABILITATION WITH DENTAL IMPLANTS FROM SURGICAL PROCEDURE TO PROSTHETIC REHABILITATION (STEP BY STEP) – CASE REPORT

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