



Supporting Member
fdi
FDI World Dental Federation



26th

fdi **CE**
Programme includes FDI CE sessions
Global Continuing Education Programme

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

CURRENT TRENDS
AND ADVANCES IN
DENTISTRY

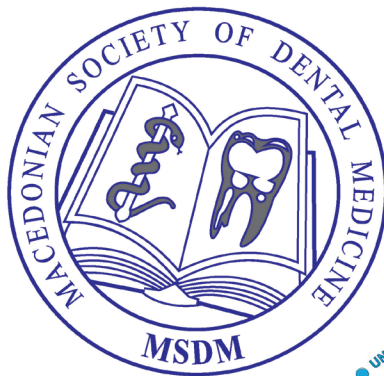
ABSTRACT
BOOK

FIRST EDITION

*The second edition with correction of all unintentional, technical errors and deficiencies
will be available by 09.09.2023



Supported by:



The background of the cover features a stone wall on the right side, with a flag flying from a pole behind it. The flag has a red field with a yellow sun-like symbol in the center. In the lower-left corner, there is a faint image of a classical building with columns and a dome. The overall scene is set against a light, hazy sky.

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

“CURRENT TRENDS AND ADVANCES IN DENTISTRY”

ABSTRACTS BOOK

26th Congress of Balkan Stomatological Society (BaSS)

11-14 May 2023, Skopje

Republic of North Macedonia

<https://e-bass.org/26thcongress/>

Graphic Design: **Dragan Laskov**

© 2023 BaSS

CONGRESS

COMMITTEES



BASS COUNCIL MEMBERS



PROF. ANA MINOVSKA

PRESIDENT

PROF. NORINA FORNA

Past President

PROF. ENDER KAZAZOGLU

President elect

ASST.PROF. MIHAEL STANOJEVIC MSC DDS

Vice President

PROF.ATHANASIOS POULOPOULOS

Secretary General

DR. NICOS MAROUFIDIS

Honorary Treasurer

PROF. DEJAN MARKOVIC

Editor in-Chief

COUNCIL

COUNTRY	COUNCILOR	DEPUTY COUNCILOR
ALBANIA	Prof. Ruzhdie Qafmolla Assoc. Prof. Edit Xhajanka	Prof. Virgjini Mulo Dr. Renato Isufi
BOSNIA-HERZEGOVINA	Prof. dr. Sedin Kobaslija Dr. Miroslav Lucic	Prof. Nina Markovic Smiljka Cicmil
BULGARIA	Prof. Anton Filchev Asst. Prof. Nikolai Sharkov	Assoc. Prof. Miroslava Dinkova DMD, PhD Dr. Ivailo Metodiev
CYPRUS	Dr. Rodos Irodotou Dr. Huseyin Bicak	Dr. George Minas Dr. Ahmet Ozant
GREECE	Assoc. Prof. Kontstantinos Arapostathis Dr. Konstantinos Kougias	Dr. Dimitrios Dionysopoulos Dr. Konstantinos Kalantidis
MONTENEGRO	Dr. Zoran Vlahovic Assoc. Prof. Dr. Mirjan Djurickovic	Dr. Dzenad Ganjola Prof. Jasminka Andjelic
Rep. NORTH MACEDONIA	Prof. Dr. Elizabeta Gjorgievska Dr. Marijan Denkovski	Dr. Bruno Nikolovski
ROMANIA	Prof. Dr. Paula Perlea Prof. Ecaterina Ionescu	Assoc. Prof. Dr. Doriana Agop-Forna Mihaela Tuculina
SERBIA	Prof. Momir Carevic Dr. Ana Jotic	Prof. Aleksa Markovic Dejan D. Stamenkovic
TURKIYE	Prof. Murat Akkaya Prof. Gurkan Gur	Dr. Nejat Arpak Prof. Gurcag Gur



SCIENTIFIC COMMITTEE

President of the 26th BaSS Congress Scientific Committee

Prof. Dr. Kjiro Ivanovski

Vice President of the 26th BaSS Congress Scientific Committee

Assoc. Prof. Dr. Kenan Ferati

Vice President of the 26th BaSS Congress Scientific Committee

Assoc. Prof. Dr. Kiro Papakocha

Members of the 26th BaSS Congress Scientific Committee

Prof. Dr. Marija Stevanovikj

Prof. Dr. Mira Jankulovska

Prof. Dr. Silvana Georgieva

Prof. Dr. Maja Pandilova

Prof. Dr. Julijana Nikolovska

Prof. Dr. Marija Peeva Petrevska

Prof. Dr. Ivona Kovacevska

Prof. Dr. Boris Velickovski

Prof. Dr. Biljana Kapusevska

Prof. Dr. Vesna Korunovska Stevkovska

Prof. Dr. Lidija Kanurkova

Prof. Dr. Aleksandar Grcev

Prof. Dr. Vladimir Popovski

Prof. Dr. Danica Monevska Popovikj

Prof. Dr. Mirjana Popovska

Prof. Dr. Aneta Stojanovska Atanasovska

Prof. Dr. Lidija Popovska

Prof. Dr. Enis Redjep

Prof. Dr. Cena Dimova

Prof. Dr. Dejan Markovic

Prof. Dr. Slavoljub Tomić

Asst. Prof. Dr. Mihael Stanojević

Asst. Prof. Dr. Lindihana Emini

Asst. Prof. Dr. Jetmira Alimani

Asst. Prof. Dr. Samhedin Sali

Assoc. Prof. Dr. Ana Belazelkova Grezlovska

Assoc. Prof. Dr. Aneta Mijoska

Assoc. Prof. Dr. Katerina Zlatanovska

Assoc. Prof. Dr. Sofija Carceva Salja

Assoc. Prof. Sanja Naskova

Assoc. Prof. Dr. Vasilka Rendjova

Assoc. Prof. Dr. Natasa Longurova

Ass. Prof. Dr. Zoran Shushak

Ass. Prof. Dr. Mihajlo Petrovski

Ass. Prof. Dr. Bruno Nikolovski

Ass. Prof. Dr. Julija Zarkova Atanasova

Dr. Sci Hasim Havziu





ORGANIZING COMMITTEE

Co-President

Assoc. Prof. Dr. Aleksandar Dimkov

Co-President

Assoc. Prof. Dr. Sabetim Cerkezi

Co-President

Dr. Jovana Mitikj DDM, MSc, PhD

Members

Prof. Dr. Kristina Mitikj

Assoc. Prof. Dr. Daniela Velevska Stevkovska

Assoc. Prof. Dr. Natasa Tosevska Spasova

Assoc. Prof. Dr. Natasha Stavreva

Ass. Prof. Dr. Vanco Spirov

Ass. Prof. Dr. Budima Pejkovska Shahpaska

Senior Research Associate Dr. Efka Zabokova Bibilova

Research Associate Dr. Marijan Petkov

Research Associate Dr. Vesna Jurukovska Sotarovska

Teaching Ass. Dr. Sonja Rogoleva Gjurovska

Teaching Ass. Dr. Ljubica Proseva

Teaching Ass. Dr. Sandra Atanasova

Teaching Ass. Dr. Verica Toneva Stojmenova

Teaching Ass. Dr. Ljupka Arsovski

Asst. Dr. Bojan Poposki

Dr. Olivera Terzieva Petrovska MSc

Dr. Marko Mladenovski MSc

Dr. Fisnik Kasapi

Dr Jeta Bexheti

Dr Armend Rezhepi

Dr. Baskhim Ismaili

Dr. Marko Zafirovski

Dr. Agron Pasholi

Dr. Mirlind Selimi

Dr. Ivan Nacevski

Dr. Milan Nacevski

Dr. Snezana Stojmanovska

Dr. Oliver Manasiev

Dr. Jordan Stojanoski

Dr. Mirsad Bajram

Dr. Elena Radevska

Dr. Hristo Petanovski

Dr. Musa Beceti

Dr. Jasna Simonovska

Dr Ridvan Alili

Dr Arben Asani



PRESIDENCY OF THE 26TH BASS CONGRESS



President of the 26th BaSS Congress

PROF. DR. ELIZABETA GJORGIEVSKA

Honorary President of the 26th BaSS Congress

PROF. DR. ARGIRIOS PISSIOTIS



Vice President of the 26th BaSS Congress

DR. MARIJAN DENKOVSKI DDM





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*



between carious and extracted teeth, between the three generations, was not statistically significant ($p>0.05$), but the difference between filled teeth are statistically significant ($p<0.01$), in the 2018/19 %F=26.82, in 2020/21 %F=48.55, and in 2022/23 %F= 45. 38.

CONCLUSION: The restrictive measures during the pandemic contributed to an increase in the DMF index among school children. Awareness of the importance of oral health also increased.

Keywords: DMFT, Carious, Filled, Oral health.

PP-21

FUNCTIONAL DIAGNOSE AND TREATMENT BY CMD PATIENTS

¹Ana Radeska-Panovska, ²Elena Radeska, ³Kole Panovski

¹Goce Delcev University, Faculty of medical sciences, N. Macedonia, ²University Dental Clinical Center St. Pantelejmon, ³Private dental practice

INTRODUCTION: The specialist term craniomandibular dysfunction (CMD), also known as myoarthropathy, is a collective term for a group of clinical symptoms which start in the chewing muscles, the jaw joints and associated structures. Symptoms by CMD are headache, migraine, tinnitus, pain in the back, shoulders and neck, spinal and joint problems.

AIM: This article show us the importance of a CMD examination and diagnosis in situations where we have the absence of malocclusion and the importance of orthodontic treatment as part of therapy.

RESULTS: After the treatment we had functional and dynamic occlusion met the bite elevation and the patient free of pain.

CONCLUSION: In the first view the treatments seems not necessary in course of the static occlusion. If you look at the problem issue by TMJ, you can noticed necessity of treatment in course of deficiency of function after functional analysis.

Keywords: CMD, centric guide aligner, headache

PP-22

INFLUENCE OF MALPOSITIONED TEETH ON PERIODONTAL HEALTH

¹Olivera Terzieva-Petrovska, ¹Mihajlo Petrovski, ¹Sofija Carceva- Salja, ¹Kiro Papakoca

¹Faculty of medical sciences, Goce Delcev University, Stip, Republic of North Macedonia

INTRODUCTION: Malposition is defined as abnormal location of the teeth/tooth in the dental arch. All types of tooth malposition, such as diastemas, crowding, rotated teeth and incisor proclination can cause early tooth loss due to the formation of periodontal pockets primary because the bone crest tends to follow the cemento-enamel junction.

AIM: of this study was to identify the influence of malpositioned teeth on periodontal health.

MATERIAL AND METHODS: Total number of 60 subjects, aged from 13 to 39 years were examined. Visual inspection was done to identify the type of abnormal tooth position. After that, their periodontal health was assessed via: bleeding on probing, periodontal attachment loss and probing depth.

RESULTS: The most common periodontal changes associated with malpositioned teeth were: 100% - gingival bleeding; 68.33 % - gingival recession; 53.33 % - gingival enlargement and 18.33 % chronic periodontitis. We have noticed a significant association between gingival recession and the buccally positioned tooth and between chronic gingivitis and periodontitis and excessive proclination of mandibular incisors, presence of diastema and crowding. (for $p<0.05$).

CONCLUSION: Malposition of teeth have very bad influence of periodontal health on the affected teeth. Most of the patients had need for basic periodontal and orthodontic treatments.

Keywords: gingivitis, gingival recession, malposition of teeth, periodontal status, periodontitis