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

CURRENT TRENDS
AND ADVANCES IN
DENTISTRY

ABSTRACT
BOOK

FIRST EDITION

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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

26th Congress of Balkan Stomatological Society (BaSS)

11-14 May 2023, Skopje

Republic of North Macedonia

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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*



 **ТІКА**

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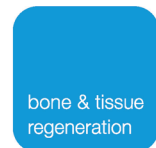


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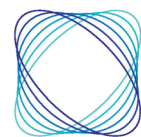
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and silanization. All of the experimental posts were cemented into adequate glass cylinders, using cement Varolink. Afterwards these cemented experimental posts in the composite cement are pulled out from the glass cylinders and are cut out perpendicularly to the post axis in 1,5mm depth using diamond separating disc. By application of static force the breaking force was measured of the experimental post specimens.

RESULTS: The average value of the breaking force at the control group varies $10,96 \pm 10,10$ MPa; $\pm 95\%CI$: 4,53-17,36MPa; the minimal value is 1,54 MPa and the maximal value is 35,95Mpa. The average value of the breaking force at the examined group varies $17,27 \pm 8,27$ Mpa; $\pm 95,00\%CI$: 12,01-22,53; the minimal value is 5,16Mpa and the maximal value is 23,05Mpa.

CONCLUSION: The pretreatment of the composite posts improves their adhesion to the composite cement.

Key words: acid treatment, bond strength, breaking force, composite esthetic posts.

PP-9

TREATING OF FULLY EDENTULOUS MANDIBLE USING FOUR COMPRESSIVE IMPLANTS IMMEDIATELY LOADED WITH OVERDENTURE

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²PZU "Denticija Plus" – Gevgelija

INTRODUCTION: Implant-retained dentures have become a successful, popular treatment option to enhance the stability and retention. The aim of this case report is to highlight the benefits of usage compressive implants immediately loaded with overdenture.

CASE DESCRIPTION: We are presenting a female patient at the age of 62 without any medical issues. Intraorally, we diagnosed fully edentulous mandible, treated with conventional acrylic denture. All clinical and paraclinical examinations such as 3D CBCT and anatomical studio models were made. We insert four compressive implants with multi-unit platform in the anterior part of the mandible between the mental foramens. Inserted implants are immediately loaded with overdenture. Implants were inserted using full thickness flap with mid-crestal incision. We achieved implant torque between 35N/cm and 45N/cm. The final impression was taken after 72 hours. On the final cast with implant analogs, dental technician used burnout abutments for producing milled bar. The bar and the implant platform are connected by the screw-retention method. After 48 hours throughout the principle of occlusal rims, vertical dimension was registered. In the next phase the wax try-in of the denture was performed.

CONCLUSION: This treatment option prevent bone resorption in the anterior part of the mandible. Denture achieves better retention and stability. Patients are getting better oral health related quality of life as a result of improvements in mastication, speech and swallowing.

Key words: anodontia, compressive implant, immediate, overdenture.

PP-10

IMMEDIATE IMPLANT PLACEMENT IN EXTRACTION SOCKET WITH PREVIOUS PERIAPICAL INFECTION

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INTRODUCTION: Immediate post-extraction implant placement is a well-accepted protocol due to the preservation of aesthetics, shorter total treatment time, maintenance of socket walls and reduced surgical time. Despite all these advantages, there is a risk of microbial intervention in cases with a periapical lesion which can delay the process of osseointegration.

AIM: To evaluate the successes of the immediate implant placement in areas exhibiting periapical lesions,

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