

28th BaSS Congress

BaSS

Montenegro, Budva



# ABSTRACT BOOK

Invitation Letter	1
Organizing Committee	3
Scientific Committee	4
Invited Lecturers	5
Oral Presentation	25
Poster Presentation	95



# Invitation **Letter**



Dear colleagues

It is my great honour and pleasure to invite you on behalf of Montenegrin dentists to participate in the 28th congress of the Balkan Stomatological Society, which will be held from April 25 to 27, 2024 in Budva.

We are very happy that we have been given the opportunity to be the organizers of such a huge and important event in our country for the first time and to show our traditional hospitality. The conference venue is the Avala congress hotel, located at the very heart of the

beautiful Mediterranean city of Budva on the coast of the Adriatic Sea, facing the gates of the Old Town.

During the three congress days, you will have the opportunity to hear exceptional speakers who kindly accepted our invitation, as well as participants of the poster presentations. Also, dealers and manufacturers will have a presentation of the cutting edge technology in dental equipment and materials in the exhibition area.

We are looking forward to sharing knowledge while acquiring new information and professional skills in the beautiful Mediterranean ambience, enjoying our national cuisine and experiencing unforgettable moments in the congress halls and out of them.

Sincerely yours,

**Prof. Dr. Zoran Vlahović**

President of the 28th BaSS Congress

# Invitation **Letter**



Dear colleagues,  
I am honored to write this letter to invite you to 28th congress of the Balkan Stomatological Society (BaSS) 25th–27th of April in Budva, Montenegro. With the help of this conference, we successfully bring together the Balkan stomatologists to exchange our knowledge and improve friendships. The efficient dental specialists and executives will be giving their best and discussing the dental science and direction of dental technology and how it can be improved in the future. It will

be no less than an absolute pleasure if you will be present at this conference in Montenegro. We will be happy to hear from you and learn about your views and ideas on several problems that we are facing in dentistry. You have a very different approach when it comes to dental matters and hearing from you on the best advancement ideas and their impact on various dental areas will be fruitful, I am sure. We would also like to hear your personal opinion on these particular problems in Montenegro. I believe we will also get a chance to test the beauty of Montenegro. I am sincerely expecting you and looking forward to seeing you in Budva, Montenegro.

Best regards,

**Prof. Dr. Ender Kazazoglu**

President Elect of Balkan Stomatological Society (BaSS)

# Organizing Committee

President of the 28th BaSS Congress Organizing Committee  
**Assist. Prof. Dr. Mirko Mikic**

---

Vice president of the 28th BaSS Congress Organizing Committee  
**Assist. Prof. Dr. Rasa Mladenovic**

---

Members of the 28th BaSS Congress Organizing Committee

- Dr Dzenad Ganjola
- Dr Milan Martinovic
- Dr Nikolina Glusica
- Dr Andjela Vukovic
- Dr Danijela Subotic
- Dr Andjelka Duborija
- Dr Snezana Komatina
- Dr Ivana Zivkovic
- Dr Stevan Radoman
- Dr Petar Jankovic
- Dr Nikola Glusica
- Dr Pavle Jaukovic
- Dr Dusko Bojanic

# Scientific **Committee**

President of the 28th BaSS Congress Scientific Committee  
**Assist. Prof. Dr. Mirjana Djurickovic**

---

## Members of the 28th BaSS Congress Scientific Committee

- Prof. dr Mileta Golubovic
- Prof. dr Jelena Krunic
- Prof. dr Zoran Lazic
- Prof. dr Aleksa Markovic
- Prof. dr Edit Xhajanka
- Prof. dr Branko Mihailovic
- Prof. dr Bulent Katipoglu
- Prof. dr Aneta Mijoska
- Prof. dr Dejan Dubovina
- Prof. dr Bojana Davidovic
- Prof. dr Zoran Tatic
- Ass. Prof. Jasminka Andjelic
- Ass. Prof. Aleksandar Jakovljevic
- Ass. Prof. Ana Vukovic
- Ass. Prof. Bashkim Ismaili
- Ass. Prof. Radovan Jovanovic
- Ass. Prof. Branislav Ilic
- Ass. Prof. Tatjana Savic Stankovic
- Ass. Prof. Zoran Arsic
- Dr sci. Tamara Boskovic Brkanovic

## PP-107

**Assessment of Stem Cell Utilization in Routine Dental Practice**

Katerina Zlatanovska, Mihajlo Petrovski, Natasa Longurova, Pavle Apostoloski, Bruno Nikolovski

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

**Objectives:** This research aims to investigate the feasibility of utilizing stem cells in dental medicine within our country.

**Materials and methods:** A total of 90 dental practitioners from the Republic of North Macedonia participated in this study. They were surveyed regarding their knowledge and awareness of stem cell usage in dentistry, using a questionnaire administered to all respondents.

**Results and discussion:** Out of all participants, 64.44% exhibited familiarity with stem cells and their potential applications. Most respondents were acquainted with stem cell isolation techniques, with 46.55% being familiar with extraction from dental follicles and 31.03% with extraction from umbilical cord blood serum. Notably, none of the participants indicated that these procedures were unavailable at their dental practices.

**Conclusion:** While dental practitioners demonstrate awareness of stem cell usage, they often do not inform patients about this treatment option, primarily due to lack of patient education, patient skepticism, and the associated high costs.

**Keywords:** stem cells, dental stem cells, dental follicle, dental doctors.

## PP-108

**The minimally invasive management of early occlusal caries**

Longurova Natasha, Zlatanovska Katerina, Zarkova Atanasova Julija, Kovachevska Ivona  
Faculty of Medical Sciences, Goce Delcev University, Stip, North Macedonia

Dental professionals frequently encounter demineralization in the pits and fissures of the chewing surfaces of back teeth due to caries. Identifying these lesions, determining their activity level, and deciding on the best treatment approach present ongoing challenges. Historically, when an active or potentially active lesion was found, it typically led to the creation of a standard cavity in the affected area, often extending beyond the diseased tissue, followed by the placement of a direct filling material.

Contemporary evidence overwhelmingly supports minimally invasive (MI) operative management when required, with a wide range of equipment, materials, and techniques available to preserve maximum healthy tooth tissue. Microinvasive methods for treating uncavitated carious lesions, such as infiltration with low-viscosity composite resins, have gained attention.

The aim of this paper is to evaluate the effects, advantages, and disadvantages of carious lesion infiltration, specifically in the adult population. Relevant literature from online databases such as PubMed and MedLine is reviewed regarding resin infiltration of initial carious lesions as a method of non-invasive restorative treatment.

Resin infiltration, marketed as Icon®, is a novel technology that bridges the gap between prevention and restoration of carious lesions, camouflaging aesthetically disfiguring white lesions on the buccal surface. Encouraging prevention through infiltration not only ensures good oral health but also saves time, money, and reduces patient stress