

28th BaSS Congress

BaSS

Montenegro, Budva



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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

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- 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
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- 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

Aim: The aim of this 5 case reports is to describe the rehabilitation of root canal treated teeth with crown damages by endocrowns prepared with the CAD/CAM system in single visit.

Materials and methods : In this study, GC CEREC Blocks in A2 color were chosen for endocrown preparation of root canal treated posterior teeth with CAD–CAM in 5 different cases. A three–dimensional model of the arch was obtained after mouth scanning and the endocrown was designed digitally according to the model. When the design was complete, the endocrown was fabricated with a milling machine. Finally, the endocrown was cemented with dual cure resin cement.

Conclusion: Endocrowns, produced in a single session with the CAD/CAM system, can be preferred by dentists in the restoration of canal treated teeth due to their advantages such as aesthetics, high mechanical performance, application in a short time, eliminating the need for temporary prostheses, preventing cross contamination, ideal marginal fit and proximal contact.

Key words: endodontically treated tooth, endocrowns, CAD/CAM

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Polymerization Contraction in Composites – How to reduce?

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Introduce: In modern restorative dentistry , polymer resin–based composite materials are alternative materials for traditional amalgam fillings in posterior teeth. It is a fact that currently, no composite material provides a good one adhesion to the cavity walls and inappropriate marginal the adaptation of the filling and leads to the appearance of a microcrack, marginal discoloration, post–operative sensitivity, secondary caries, and pulp diseases.

Aim: The aim of this paper is to evaluate the influence of different placing and light polymerization techniques on marginal adaptation of composite restorations.

Material and methods:The review includes relevant literature from online databases (PubMed, MedLine) , on the topic of polymerization contraction in composite materials and factors that will lead to its reduction.

Result and discussion: Modern composite materials used in restorative dentistry show a polymerization contraction of 1–6%, depending on the composition and conditions of the polymerization process. Several clinical methods are proposed in order to reduce the negative effects of polymerization contraction. One way to reduce the effect of contraction stress is to place a liner with a low modulus of elasticity between the teeth and the composite material. Another approach to solving this problem is incremental placement of composite material in the cavity. By eliminating a single point of stress, centrally placed, the marginal adaptation of the composite material is improved. One of the methods is the two phase soft–start polymerization, and the configuration factor determines the tension behavior of the adhesive materials placed in the cavities.

Key words: soft–start polymerization, polymerization shrinkage, marginal discoloration.

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Treatment of Enamel Hypoplasia with Resin Infiltration Technique: Two Case Reports

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