



“Goce Delcey” University- Stip

DENTAL SUMMER SCHOOL & SECOND INTERNATIONAL STUDENTS CONGRESS IN DENTAL MEDICINE 2019

Hotel “Desaret”, Ohrid,
N.Macedonia

23.05-26.05.2019



“Goce Delcev” University - Stip



DENTAL SUMMER SCHOOL & SECOND INTERNATIONAL STUDENT’S CONGRESS IN DENTAL MEDICINE 2019

Students of the Faculty of Medical Sciences- Dental Medicine at the University “Goce Delcev” in Stip gladly invites you to participate in Dental Summer School and Second International Student’s Congress which will be attended in Hotel „Desaret”-Ohrid during the period from 23.05.2019 until 26.05.2019.

Dental Summer School is a project that we are especially proud of and grateful for the opportunity to upgrade our theoretical knowledge through the lectures and to perfect our skills through practical workshops.

Motivated by the success of the previous Summer School, we hope for another successful organization that will grow into a tradition, and will be a guide and motivation for future generations.

Enjoy!

Hotel “Desaret”, Ohrid , N. Macedonia - 23.05. - 26.05.2019

AGENDA

First day-Thursday, 23rd May 2019

WELCOME! ENJOY YOUR STAY!

10:00-12:00 Registration of participants

13:00-15:00 Lunch

15:30-16:00 Opening ceremony

Oral presentations-session 1

Chairmen: Prof. d-r Kiro Papakoca, Ass. prof. d-r Katerina Zlatanovska, Mirjana Ristovska

16:00-16:20 *Invited speaker-*

Prof. d-r Rubin Gulaboski, Dean of the Faculty of Medical Sciences
Pandemic Fraud in Science and Publishing

16:20-16:30

Changes of Root Surface in the Periodontal disease

Ass. d-r Mihajlo Petrovski, Prof. d-r Ana Minovska
Faculty of Medical Sciences , University "Goce Delcev" – Stip

16:30-16:40

Contemporary recommendations for the prophylaxis of infective endocarditis

Author: Monika Siljanovska
Mentor: Doc. d-r Gordana Apostolova
Faculty of Dentistry, University "Ss. Cyril and Methodi", Skopje

16:40-16:50	Connection between oral and systemic diseases Author: <u>Martin Treneski</u> Co-author: Popovska Viktorija Mentor: Ass. Prof. d-r Natasha Longurova Co-mentor :Prof. d-r Ivona Kovachevska Faculty of Medical Sciences, University "Goce Delcev" - Stip
16:50-17:00	The influence of oral hygienic habits on the occurrence of halitosis in students of dental medicine Author: <u>Stefan Ilievski</u> Co-author: Spase Sulev Mentor: Ass.d-r Mihajlo Petrovski Co-mentor: Mr.Sci d-r Olivera Terzieva-Petrovska Faculty of Medical Sciences, University "Goce Delcev" - Stip
17:00-17:15	Discussion

Oral presentation-session 2

Chairmen: Prof. d-r Cena Dimova, Ass. d-r Mihajlo Petrovski, Spase Sulev
17:30-17:50 <i>Invited speaker-</i> Prof. d-r Cena Dimova, Faculty of Medical Sciences, University "Goce Delcev" The importance of evidence based dentistry in everyday clinical practice
17:50-18:00 The fractures of the zygomatic bone-diagnosis, classifications, therapy Author: <u>Ivan Rakić</u> Mentor: Prof. d-r Dragan Krasić Department of Maxillofacial Surgery Clinic for Dentistry Niš, Faculty of Medicine, University of Niš, Serbia
18:00-18:10 3D movies, 3D clones, and now dentistry has gone digital too Author: <u>Ana Martina Kostadinova</u> Co-author : <u>Martina Ginovska</u> Mentor: Spec. dent. tech. Pavle Apostoloski Faculty of Medical Sciences, University "Goce Delcev" – Stip

18:10-18:20

Orthodontic treatment in patients with diabetes mellitus

Author: Slavica Koteva

Co-author: Teodora Adzieva

Mentor: Ass. d-r Sandra Atanasova
Co-mentor: d-r Ljubica Prosheva
Faculty of Medical Sciences, University "Goce Delcev" – Stip

18:20-18:30

Pattern of dental malocclusions in Dental Medicine students

Author: Millena Crngarova

Co-author: Tanja Stefanova

Mentor: Ass. d-r Sandra Atanasova
Co-mentor: Ass. Prof. d-r Sanja Nashkova
Faculty of Medical Sciences, University "Goce Delcev" - Stip

18:30-18:45

Discussion

20:30-00:00

Karaoke Party



Second day-Friday, 24th May 2019

Oral presentation-session 3

Chairmen: Prof. d-r. Kiro Papakoca, Mr.Sci d-r Olivera Terzieva-Petrovska, Hristijan Dimovski

9:30-9:50

Invited speaker-

Prof. d-r Kiro Papakoca, Faculty of Medical Sciences, University "Goce Delcev"
Prosthetics solution for different type of edentation with dental implants

9:50-10:00

A clinical therapy for the treatment of Peri – Implantitis

Author: Andrej Petrushevski Co – author: Krmzova Valentina
Mentor: Prof. d-r Kiro Papakoca Co – mentor:d-r Krmzova Suzana
Faculty of Medical Sciences , University "Goce Delcev" – Stip

10:00-10:10

Application of dermal fillers- doctors VS.cosmetic technicians

Author: Mirjana Ristovska Co-author: Verica Shajkarova
Mentor: d-r Ljubica Prosheva Co-mentor: Ass. d-r Sandra Atanasova
Faculty of Medical Sciences, University "Goce Delcev" – Stip

10:10-10:20

Red and white aesthetics with all ceramic crowns and bridges

Author: d-r.spec.Danilo Krstevski Co-authors:d-r Dubravka Angjelic-Krstevska, d-r Katerina Spasovska *PZU "Stela" - Skopje*
Mentor: Prof.d-r Dragoljub Veleski Co – mentor:Prof.d-r Cena Dimova
Faculty of Medical Sciences , University "Goce Delcev" – Stip

10:20-10:30

Aesthetic treatment of first upper premolar

Author: Maja Trajkova Co-author: Nina Dimevska
Mentor:d-r Verica Toneva Stojmenova Co-mentor:Prof. d-r Ivona Kovacevska
Faculty of Medical Sciences , University "Goce Delcev" – Stip

10:30-10:45

Discussion

Workshops

11:00-14:00

CAD/ Design and types of aesthetic layering zirconia

Spec.dent.tech. Kiril Mitevski, Dent.tech. Kiril Martulkov, Dent.tech. Konstadin Martulkov

11:00-14:00	Introduction to Dental implantology- Basic Surgical Procedures of Implant Placement Prof. d-r Kiro Papakoca ,Ass. d-r Mihajlo Petrovski, d-r Suzana Krmzova, d-r Ljubica Proseva
11:00-14:00	Tooth color assesment methods in dental practice Ass. d-r Julija Zarkova Atanasova-Atnasova, Ass. Prof.d-r Katerina Zlatanovska, Ass.d-r Sandra Atanasova

14:00-16:00 Lunch

Workshops	
16:00-18:00	Alternative mandibular anesthesia Prof. d-r Cena Dimova, d-r Sonja Rogoleva
16:00-18:00	Oral hygiene practices and tooth cleaning techniques” Ass.Prof. d-r Sanja Nashkova , Ass. d-r Mihajlo Petrovski, Mr.d-r Olivera Terzieva-Petrovska, d-r Ljubica Proseva

18:30-19:30	Poster session 1 Chairmen: Ass. Prof. Sanja Naskova, Dr. Sonja Rogoleva, Maja Trajkova
Poster no. 1	Don't let checkup become a matter of luck Autor: <u>Martina Ginovska</u> Co-author: Ana Martina Kostadinova Mentor:d-r Ljubica Proseva Co-mentor:Ass.Prof.d-r Sanja Nashkova Faculty of Medical Sciences , University “Goce Delcev” – Stip

Poster no. 2	<p>Evaluation of need for pre-prosthetic endodontic therapy Author: <u>Hristijan Dimovski</u> Co-author: Vane Panov Mentors: d-r Natasha Arsova, Ass.prof.d-r Natasha Longurova, d-r Verica Toneva-Stojmenova Faculty of Medical Sciences , University “Goce Delcev” – Stip</p>
Poster no. 3	<p>Clinical periodontal changes during pregnancy Author: <u>Zorica Kozuharova</u> Co-author: Maja Trajkova Mentor: Mr.d-r Olivera Terzieva –Petrovska Co-mentor: Ass.d-r Mihajlo Petrovski Faculty of Medical Sciences , University “Goce Delcev” – Stip</p>
Poster no. 4	<p>Initial bone loss around dental implants – CASE REPORT Author: <u>Krmzova Valentina</u> Co – author: Petrushevski Andrej Mentor: Prof. d-r Kiro Papakoca Co –mentor:d-r Krmzova Suzana Faculty of Medical Sciences , University “Goce Delcev” – Stip</p>
Poster no. 5	<p>Effects of non-nutritive sucking habits on occlusion in mixed dentition Author: <u>Marinela Miladinovska</u> Mentor: Mr.Sci d-r Olivera Terzieva-Petrovska Co-mentor: Ass. d-r Mihajlo Petrovski</p>
Poster no. 6	<p>Efficiency of fissures filling in caries prevention Author: <u>Monika Kitanova</u> Co -autor Stefan Ilievski Mentor: d-r Sonja Rogoleva Co-mentor:d-r Verica Toneva –Stojmenova Faculty of Medical Sciences, University “Goce Delcev”- Stip</p>
Poster no.7	<p>Variations in cuspal morphology in upper first permanent molars among dental students Author: <u>Bojana Simevska</u> Co-Author: Elena Charakchieva Mentor: Mr.Sci d-r Olivera Terzieva –Petrovska Co-mentor:Prof.d-r Kiro Papakoca Faculty of Medical Sciences , University “Goce Delcev” – Stip</p>
Poster no. 8	<p>Xerostomia and Causative Consequences Author: <u>Valerija Stojanovska</u> Co-author: Viktorija Stojanovska Mentor: d-r Sonja Rogoleva Co-mentor: d-r Darko Kocovski</p>

Poster no. 9**Teeth hypersensitivity after restoration**

Autor : Nenad Karov

Co-author Martin Treneski

Mentor: d-r Ljupka Lazarova

Co-mentor: Ass. d-r Mihajlo Petrovski

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Poster no.10**Microbiology in the oral cavity**

Author: Anastazija Joleva

Co-author: Monika Netkova

Mentor: Ass.Prof. d-r Natasha Longurova
Zlatanovska

Co-mentor: Ass. Prof. d-r Katerina

Poster no. 11**Presence of third molar among students from third year, dental medicine**

Author: Andzelo Dimov,

Co-author: Mario Jovanov

Mentor: Ass. d-r Sandra Atanasova

Co-mentor: d-r LjubicaProseva

Faculty of Medical Sciences , University “Goce Delcev” – Stip

Poster no. 12**Prevalence of denture stomatitis among institutionalized elderly**

Author: Keti Nikolova

Co-author: Cvetanka Srceva

Menthor: Ass.Mihajlo Petrovski Co-mentor:Mr.Sci.d-r Olivera Terzieva-Petrovska

Faculty of Medical Sciences , University “Goce Delcev” – Stip

20:30-00:00

Masquerade, show under masks



Oral presentation-session

Chairmen: Ass. d-r Sandra Atanasova, Ass. d-r Julija Zarkova Atanasova, Valentina Krmzova

9:30-9:50

Invited speaker-

Mr.Sci d-r Olivera Terzieva-Petrovska, Faculty of Medical Sciences, University "Goce Delcev"

Dental Lasers- Next Generation Dentistry Technology

Tips for adhesive cementation of all ceramic restoraions

Ass.d-r Julija Zarkova Atanasova, Prof. d-r Ivona Kovacevska
Faculty of Medical Sciences , University "Goce Delcev" – Stip

10:00-10:10

Alternative solutions for treatment of partial edentulism

Author: Stefanija Stojanova Co-author:Senad Kovacevik
Mentor: Ass.Prof.d-r Katerina Zlatanovska Co-mentor: d-r Darko Kocovski
Faculty of Medical Sciences, University "Goce Delcev" – Stip

10:10-10:20

Advantages and disadvantages of modern aesthetic materials Ceramic vs Composite

Author: Teodora Seneva Co-author: Tamara Eftimova
Mentor: Spec.dent.tech. Pavle Apostoloski Co-mentor: d-r Ljubica Prosheva
Faculty of Medical Sciences , University "Goce Delcev" – Stip

10:20-10:30

Comparison between CAD-CAM and hot-press lithium disilicate crowns

Author:Vasko Hristov fCo-author: Zivanka Arlamova
Mentor: Spec.dent.tech. Kiril Mitevski Spec. dent.tech. Pavle Apostolovski
Faculty of Medical Sciences, University "Goce Delcev" – Stip

10:30-10:45

Discussion

Workshops

11:00-14:00

Aesthetic follows function Ceramic vs Composite-part 1

Mr.Sci.dent.tech. Claus Jurgen, Dent.tech. Blagoj Davitkov, Spec. dent.tech. Pavle Apostoloski

11:00-14:00

Needles, suture materials and knots used in oral surgery procedures

Prof. d-r Cena Dimova
d-r Sonja Rogoleva, d-r Marija Miteva

14:00-16:00

Lunch

Workshops

16:00-18:00

Aesthetic follows function Ceramic vs Composite-part 2

Mr.Sci.dent.tech. Claus Jurgen, Dent. tech. Blagoj Davitkov, Spec.dent. tech Pavle Apostoloski

Additional program

16:00-16:15

Immediate loading in dental implantology using one-piece implants

d-r Tome Piperevaliev PHO Denticija-Gevgelija

16:30-18:00

Forum theater „Does the faculty teaches us this way?“

Vladimir Karaev
NVO HERA

18:30-19:30

Poster session 2

Chairmen: Ass. Prof. Katerina Zlatanovska, Spec. Pavle Apostoloski, Martina Ginovska

Poster no. 1 **3 Shape TRIOS- Intraoral Scanner**

Author: Stanija Zlatanovik Co-author: Dijana Davitkova

Mentor: d-r Suzana Krmzova Co-mentors: Spec. dent. tehn Kiril Mitevski, Spec.dent.tehn Pavle Apostoloski

Faculty of Medical Sciences , University "Goce Delcev" – Stip

Poster no. 2 **Complication of fixed dental prosthesis**

Author: Viktorija Zlatkova Co – author: Sara Trajanova

Mentor: d-r Kocovski Darko Co – mentor: d-r Sonja Rogoleva

Faculty of Medical Sciences , University "Goce Delcev" – Stip

Poster no. 3 **Laboratory techniques for dental veneer restoration**

Author: Stefanija Gorgieva Co-author: Martina Daruda

Mentor: Ass.Prof.d-r Katerina Zlatanovska Co-mentor: Ass. Prof. d-r Natasa Longurova

Faculty of Medical Sciences , University "Goce Delcev" – Stip

Poster no. 4 **Immediate loading of dental implants in 7 days**

Author: d-r Dubravka Angelic Krstevska Co - authors: d-r.spec. Danilo Krstevski, d-r Katerina Spasovska, d-r Dario Krstevski PZU "Stela" - Skopje

Mentor: Prof. d-r Dragoljub Veleski Co – mentor: Prof. d-r Cena Dimova

Faculty of Medical Sciences , University "Goce Delcev" – Stip

Poster no. 5 **Acrylic bridges-advantages for everyday dental usage**

Autor: Angela Davcevska Co-autor: Marija Ristova

Mentor: d-r Ljupka Lazarova Co-mentor: Mr .Sci d-r Olivera Terzieva- Petrovska

Poster no. 6 **CAD/Design and types of aesthetic layering zirconia**

Autor: Filip Stojanovski Co-autors: Tanja Jovanova, Teodora Stojkova

Mentor: Spec.dent.tehn Kiril Mitevski, Co-mentor: Spec.dent.tehn Pavle Apostoloski

Poster no.7	Cleaning re-usable instruments in general dental practice Author: <u>Radmila Dimitrovska</u> Co-author: Teodora Adzieva Mentor: d-r Verica Toneva
Poster no. 8	Differences in the modeling of a wax construction for faceting with composite and ceramic masses Author: <u>Emilija Malakovska</u> Co-author: Tijana Stojanovska Mentor: Spec.dent.tehn Apostoloski Pavle Co-mentor: d-r Ljubica Prosheva
Poster no. 9	Midline Diastema Closure Author: <u>Viktorija Popovska</u> Mentor: d-r Darko Kocovski Co-mentor: d-r Monika Atanasov Faculty of Medical Sciences , University "Goce Delcev" – Stip
Poster no.10	Composite laminates for a perfect smile Author: <u>Verica Saikarova</u> Co-author: Mirjana Ristovska Mentor: d-r Ljubica Prosheva Co-mentor: Ass.d-r Sandra Atanasova
Poster no. 11	Techniques for fabrication of temporary dental restorations Author: <u>Dimitar Mitev</u> Co-author: Ognen Cvetanoski Mentor : Ass.d-r Julija Zarkova Atanasova Faculty of Medical Sciences , University "Goce Delcev" – Stip
Poster no. 12	Prevalence of temporomandibular disorders among dental students in University GoceDelcev - Stip Author: <u>Senad Kovacevik</u> Co-author : Stefanija Stojanova Mentor: Ass. Prof. d-r Katerina Zlatanovska Co-mentor: Ass. d-r Julija Zarkova Atanasova Faculty of Medical Sciences , University "Goce Delcev" – Stip

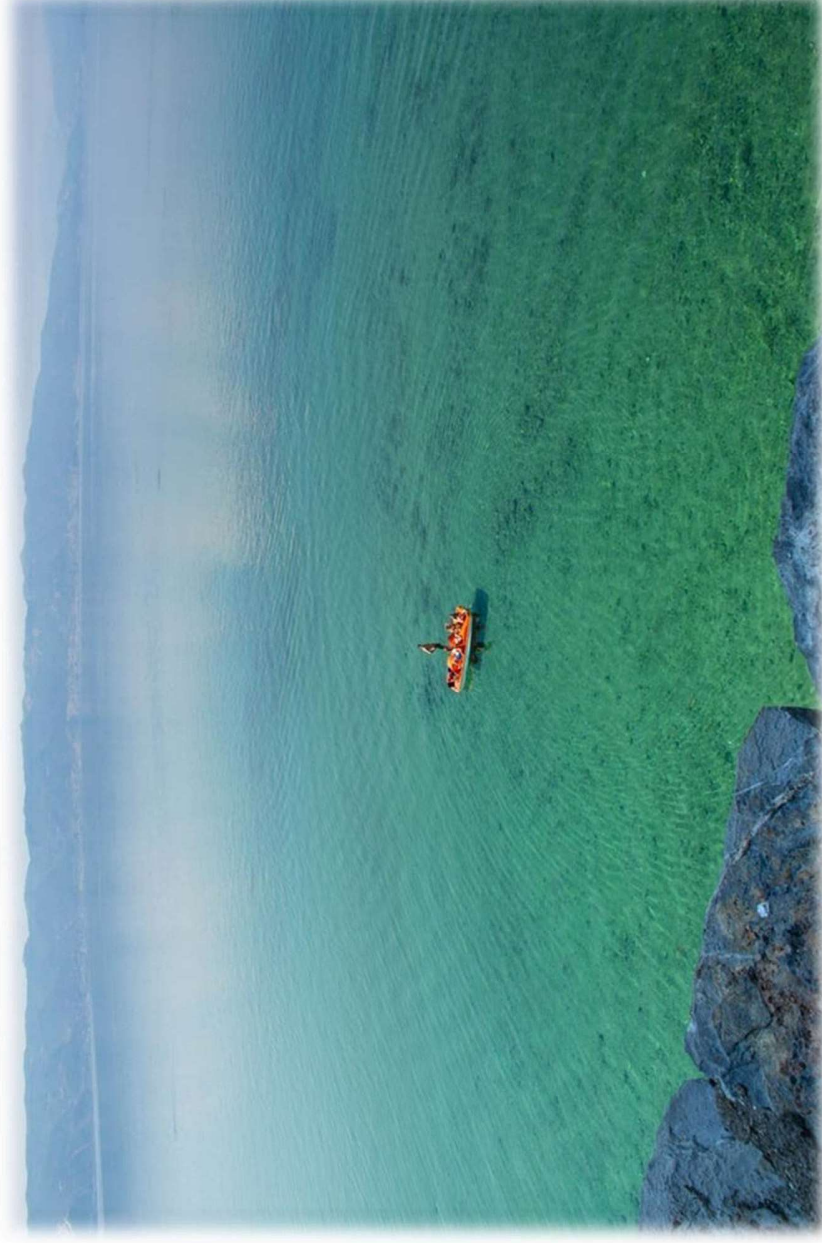
20:30-00:00

GALA DINNER, CLOSSING CEREMONY

Fourth day-Sunday, 26th May 2019

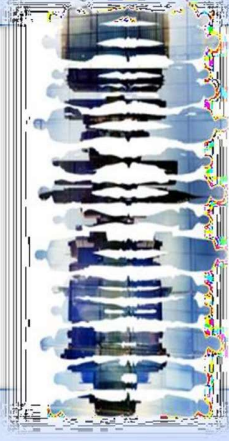
11:00-15:00

BOAT CRUISING



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- d-r Marija Miteva,
- Spec.dent.tech. Kiril Mitevski,
- Spec.dent.tech. Pavle Apostoloski



Comparison between CAD-CAM and hot-press lithium disilicate crowns.

Author: **Vasko Hristov** Co-Autor: Zivanka Arlamova

Mentor: Kiril Mitevski Co-mentor: Pavle Apostoloski

Faculty of medical sciences, Goce Delcev University- Stip

Abstract

Hot-pressing and computer-aided design and computer-aided manufacturing (CAD-CAM) are major techniques for the fabrication of lithium disilicate crowns. They exhibit different accuracies regarding marginal fit, an important factor in restoration survival. However, studies comparing the marginal fit of different fabrication methods are lacking.

Purpose: The purpose of this in vitro study was to compare the marginal discrepancy (MD) and absolute marginal discrepancy (AMD) of lithium disilicate crowns produced by the hot-press and CAD-CAM techniques.

Material and methods: Thirty typodont teeth were divided into 2 groups. Fifteen teeth were scanned with the CEREC Omnicam intraoral scanner, and crowns were fabricated with the CEREC MC XL chairside CAD-CAM milling unit from IPS e.max CAD blocks. Fifteen typodont teeth were sent to a dental laboratory, and lithium disilicate crowns were fabricated from IPS e.max press ingots using the hot-press technique. The 30 crowns were cemented and then sectioned with a precision saw. The MD and AMD were measured for each crown with a light microscope. One-way ANOVA was conducted to analyze significant differences in crown marginal fit between the fabrication systems ($\alpha=.05$).

Results: For the CAD-CAM technique, the mean values of the AMD measurements were 115 μm , and for the hot-press technique, 130 μm . The MD measurements were 87 μm for the CAD-CAM technique and 90 μm for the hot-press technique. **Conclusions:** No significant differences were found between the fabrication methods tested. Both the CAD-CAM and hot-press techniques for producing monolithic lithium disilicate crowns produced MD values of less than 120 μm , within the clinically acceptable range.

Key words

lithium disilicate crowns , CAD-CAM techniques,CEREC Omnicam intraoral scanner