

# SECOND INTERNATIONAL CONGRESS FOR ORAL SURGERY AND IMPLANTOLOGY

&

14th European Symposium of BDIZ EDI

WHERE ART AND TECHNOLOGY  
**MEET EXCELLENCE**

COVID- 19 online zoom congress

2-3 october 2020

[msd.org.mk](http://msd.org.mk) ● [zsoh.com.mk](http://zsoh.com.mk)





## RESPECTED COLLEAGUES AND FRIENDS,

It is our great honor and pleasure to invite you to the Second International Congress of Oral surgery and Implantology and the 14th Symposium of the European Association of dental implantology, which will be held from the 28th to 30th of May at Double Tree by Hilton in Skopje, organized by Macedonian dental society- Association of oral surgery specialists,(MDS-AOSS), Albanian dental society of Macedonia-Albanian implantology association in Macedonia (ADSM-AIAM) and European Association of dental implantology (BDIZ EDI).

We deeply believe that this, until now biggest gathering of oral surgeons and implantologists in Macedonia where top European names have announced their participation, will be of great importance for the whole region. We are sure that Edimplant 2020 will be a place for acquiring and sharing research presented by lecturers with enormous experience. Your attendance at the congress will intend to exchange knowledge and experience, discover new acknowledgements and practical skills which derive from the intensive progress of the world's implantology science. For this purpose, the program provides, besides plenary lectures, oral and poster presentations, and several workshops, designed according to the interest and suggestions of the interviewed specialist.

The very title of the congress "Where Art and Technology meet Excellence" points to the complex nature of dental implants and their biological, aesthetic and functional importance.

We sincerely hope that one of the announced themes of the Congress (Oral Surgery, Pathology and Radiology; Implantology and Regenerative Surgery; Implant supported prosthodontics; Perioral Aesthetics and General Topics) will attract your attention. We invite you, with your presence and active participation in Congress, to contribute to the enrichment of the program and to the successful implementation of the foreseen activities.

In addition to being scientific, there is also a rich social program and the opportunity to feel the warmth and hospitality of Skopje with your colleagues and friends. Skopje is beautiful in May. We expect you!

The Congress and Symposium program, as well as all other relevant information, will be available at: [www.edimplant2020.com](http://www.edimplant2020.com)

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EDI of Macedonia  
BDIZ EDI

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# SCIENTIFIC PROGRAM

## **Chronic periodontitis as risk indicator for peri-implantitis**

Petrovski M., Papakoca K., Terzieva-Petrovska O., Minovska A.

Peri-implantitis is an inflammatory process caused by a microbial origin and it can lead to bone loss and if not treated could cause loss of the implant-supported prosthodontic restoration. Previous periodontal disease is most common noted risk indicator for peri-implantitis. The main aim of this study was to evaluate if patients with a history of chronic periodontitis are more susceptible to peri-implantitis than patients without history of chronic periodontitis.

Total numbers of 75 subjects with 84 osseointegrated implants were evaluated. All patients were divided into two groups according to their peri-implant status: group A (patients without peri-implantitis) and group B (patients with peri-implantitis). All peri-implant regions were clinically evaluated (presence of mucosal inflammation, edema and implant mobility) and periapical radiographs were done for accessing peri-implant bone loss. On all of the patients, a periodontal examination was done for noting the presence of the clinical signs and symptoms of chronic periodontitis. Results from this study showed a highly significant correlation between history of chronic periodontitis and peri-implantitis ( $p < 0.0001$ ). Patients with chronic periodontitis had shown higher bleeding on probing index ( $p = 0.003$ ) when compared with patients without chronic periodontitis. Also this groups showed higher bone loss around implants ( $p = 0.006$ ) Also, patients with chronic periodontitis showed 5 times more chance of developing peri-implantitis than those with healthy periodontium.

This study once again proved that chronic periodontitis is a significant risk indicator in the development of peri-implantitis.

Keywords: chronic periodontitis, peri-implantitis, risk indicator, periodontal examination

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## **Sophisticated graft materials and barrier membranes for oral surgery and dental implantology applications**

Rogleva S., Spirov V.

Regarding to the need of graft materials and barrier membranes applications, it is known that bone loss and jawbone defects from different etiology are common, so their usage and features are increasingly being examined and analyzed.

The main aim of this review article is to evaluate the data bases presenting the different kinds of graft materials and barrier membranes applications which are dating in this new era and benefits from their usage.



Significant is the fact that bone graft materials are used as a scaffold to replace the missing bone and for new bone growth. These materials can be derived from a patient's own body like natural substitutes or can be from a synthetic origin. On the other hand, the different barrier membranes have a role to protect and stabilize graft material and to enable better regeneration. The materials which are acceptable for augmentative procedures depend from clinical case and from specific features. Advances in technology and sophisticated materials for bone grafting offer numerous solutions and different treatment options for patients with bone deficiency. The new way of solving large bone defects proved as successful in cases treated with a bone graft combined with a barrier membrane.

Key words: graft materials, barrier membranes, augmentative procedures, regeneration

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## **Perioperative prescription of antibiotics vs. the phenomenon of antimicrobial resistance**

Terzievska A., Mencheva Z., Grozdanovski S.

Excessive or inappropriate use of antibiotics can lead to the emergence of resistant bacteria which don't respond to treatment with antibiotics, as seen in recent decades. This phenomenon, called antimicrobial resistance so called AMR, poses a threat to disease control is a primary concern for human health. Antibiotic resistance can be primary (in *Pseudomonas* spp.), acquired and cross-linked.

Determination of the level of justifiable prescription of antibiotics in oral surgery

The study included 30 patients indicated and treated at the University clinic of oral surgery „St. Pantelejmon “-Skopje.

The questionnaire used, contained following data: the age and sex of the patient, work experience of the therapist, indication for oral surgery (diagnosis), type and duration of the intervention, the therapist's perception of the severity of the intervention and inclusion/exclusion of antibiotics in prophylactic or therapeutic purposes by the therapists. High indication of misuse of antibiotics in perioperative period is detected.

The analysis of the obtained results creates new perspectives on the perception of the phenomenon of antimicrobial resistance and need of raised awareness and responsibility as therapists.

Keywords: antibiotics, antimicrobial resistance, oral surgery, therapist.

ZOOM online meeting	Poster session
Saturday 03.10.2020	12:00-16:00
	<b>Alku-Latifi O.</b> Treatment of gingival hyperplasia in a patient with periodontal and systemic diseases
	<b>Mindova S.</b> Application of electrocautery in the treatment of gingival enlargement
	<b>Piperevaliev Tome</b> Treating of fully edentulous lower jaw by using of implant supported denture retained with milled bar: clinical case report
	<b>Evrosimovska B.</b> Treatment of bone osteonecrosis with Platelet rich fibrin
	<b>Spirov V.</b> Use of nonresorbable PTFE membranes in preservation of the alveolar ridge
	<b>Dragovikj V.</b> Osseodensification: A Review of Published Literature
	<b>Tasevski D.</b> Immediate computer guided implant surgery in the esthetic zone
	<b>Velkovska E.</b> One-Phase Versus Two-Phase Dental Implant Treatment
	<b>Petrovski M.</b> Chronic periodontitis as risk indicator for peri-implantitis
	<b>Rogoleva S.</b> Sophisticated graft materials and barrier membranes for oral surgery and dental implantology applications
	<b>Terzievska A.</b> Perioperative prescription of antibiotics vs. the phenomenon of antimicrobial resistance
	<b>Ismaili B.</b> Application of lasers in mucosal surgery
	<b>Dimitrovski. V.</b> Orthodontic and surgical management of mandibular impacted second molar
	<b>Josifov D.</b> Oral surgery management in patients with renal transplantation
	<b>Bizevski D.</b> Haemangioma capilare - a case study
	<b>Pop-Janeva I.</b> Oral-surgical treatment of periodontal pocket with guided bone and soft tissue regeneration
	<b>Papakoca K.</b> Influence of platelet- rich plasma (PRP) after surgical removal of impacted lower third molars
	<b>Kacarska M.</b> Surgical management of palatine torus
	<b>Lamevski M.</b> Articaine - anesthetic of choice in oral surgery
	<b>Zivkovic N.</b> Surgical revision of radicular cyst in mandible with combination of substitution and regenerative therapy (Case report)
	<b>Serafimovski P.</b> Clinical implication of large radicular cyst masquerading the entire maxillary sinus: case report and follow-up
	<b>Baara- Simonovska T.</b> Preprosthetic surgical treatment of torus mandibulae
	<b>Fidoski Jasmin</b> The Application Of PRP In A Temporomandibular Joint Pain
	<b>Kasapi Fisnik</b> Fully autologous material for preparation of membranes and grafts in the oral surgery.