7° ALPE-ADRIA
INTERNATIONAL ORTHODONTIC SYMPOSIUM

SVEUČILIŠTE U RIJECI

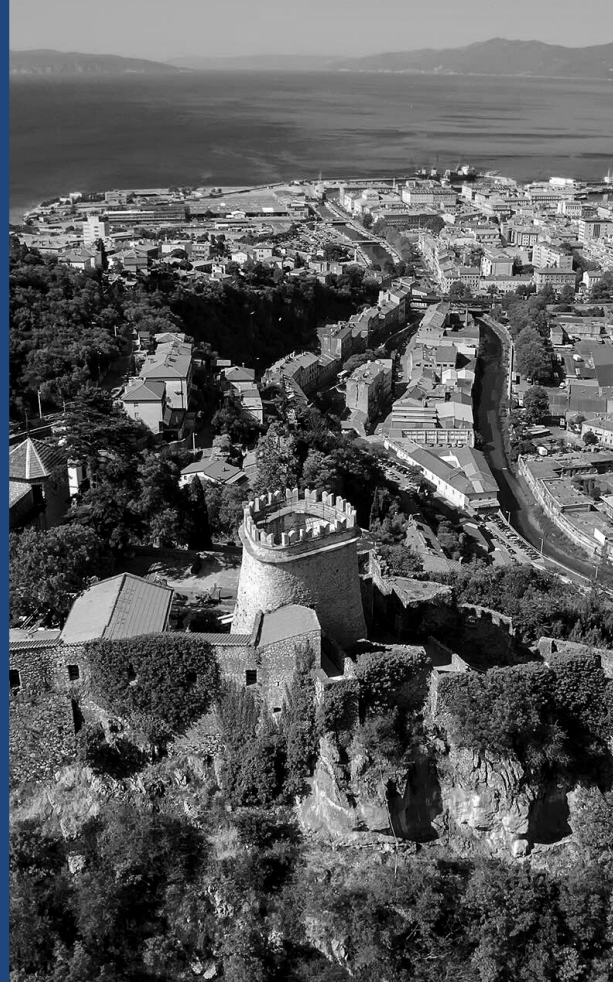
FACIAL SKELETAL DISCREPANCIES & ORTHOGNATHIC SURGERY

OCTOBER 2ND AND 3RD, 2020
ONLINE SYMPOSIUM
RIJEKA, CROATIA

THE LECTURES WILL BE HELD IN ENGLISH, WITHOUT CROATIAN TRANSLATION

SCIENTIFIC COMMITTEE

STJEPAN ŠPALJ / LUCA CONTARDO / JASMINA PRIMOŽIČ
SILVIO FERRERI / ANDREJ KATALINIĆ



PROGRAMME

FRIDAY, OCTOBER 2ND 2020

13:30 OPENING OF THE SYMPOSIUM

14:00-15.30 SKELETAL MALOCCLUSIONS – WHAT BOTHERS PATIENTS AND WHY DO THEY OPT/DO NOT OPT FOR ORTHOGNATHIC SURGERY

Stjepan Spalj and Visnja Katic

Chairmen: Luca Contardo, Barbara Mady Maricic

People with facial deformities often experience emotional problems, poorer social contacts and impaired oral functions. Their perspective is the key element in defining treatment goals and evaluation of treatment outcomes. This lecture is based on the research conducted at the Department of Orthodontics, University of Rijeka, and its focus will be the aspects, which are affected most in persons with skeletal malocclusions, which are the reasons for not accepting suggested surgical treatment, and which aspects are changed because of the surgery.

15:30-16:00 COFFEE BREAK

16:00-17:30 FACIAL SHAPE: PREDICTORS OF SATISFACTION

Magda Trinajstic Zrinski and Andrej Pavlic

Chairmen: Martina Drevensek, Vjera Perkovic

The lecture focuses on canons of facial aesthetics and elements of quality of life that are impaired in individuals who show deviations from aesthetic norms: self-esteem, dental self-confidence, aesthetic concern, social impact, oral symptoms, functional limitations and psychological impact. Through case presentations and their own research, the lecturers will indicate elements affected by orthodontic treatment in adolescents and the stability of these during retention.

17:30-17:45 PANEL DISCUSSION

SATURDAY, OCTOBER 3RD 2020

9:00-10:00 THE ROLE OF ORTHODONTIST IN SURGICAL TREATMENT OF SKELETAL MALOCCLUSIONS

Martina Drevensek

Chairmen: Visnja Katic, Magda Trinajstic Zrinski

An orthodontist's role in orthognathic surgery can be divided into several phases: the initial evaluation, presurgical orthodontics, surgical planning, and postsurgical orthodontics. The main goal of presurgical orthodontics is to to move teeth suffucuently to allow maxilla and mandible to be put in the desired position. It usually includes decompensation of dentition, aligment and coordination of arches, closured of spaces usually by fixed orthodontic appliance. Situation can be checked on plaster casts and by checking the inclination of the incisors on the lateral ceph.

Computer-aided simulation surgery and three-dimensional planning have become popular. Collaboration between the orthodontist and the surgeon is critical in each phase and will lead to a successful outcome.

10:00-10:30 COFFEE BREAK

10:30-11:30 3D TREATMENT PLANNING IN ORTHODONTICS AND ORTHOGNATIC SURGERY

Barbara Mady Maricic

Chairman: Andrej Katalinic, Silvio Ferreri

When the orthodontic approach alone have an anatomical and aesthethic limitations then the treatment planning of severe facial deformities is always a great challenge. Advancements of new tecnology expecilally in computers and imaging over the last 10 years have permitted the adoption of three-dimensional imaging protocols in the healthcare field. This lecture will demonstrate the achievments of contemporary orthodontic and orthognathic treatment approaches of severe skeletal deformities from 2D to the newpotentials of 3D imaging. 3D imaging planning tools will be discussed and compared in order to give participants a guideline for their use.

11:30-12:00 COFFEE BREAK

12:00-13:00 ORTHOGNATHIC SURGERY PROCEDURES AND SIDE-EFFECTS

Robert Cerovic

Chairmen: Andrej Katalinic and Tomislav Lauc

The aim of this lecture is to discuss about the possible surgical procedures that are used for treating discrepancies in the sagital, vertical and transverse dimensions as well as assymetries and to assess the potential side-effect that might occur as a consequence.

13:00-14:00 LUNCH

14:00-15:00 SURGICAL SPLINTS MANUFACTURING

Martina Zigante

Chairmen: Andrej Pavlic and Jasmina Primozic

The preparation of the patient for orthognathic surgery usually starts with decompensation of dental arches by fixed orthodontic appliance. When dental arches are coordinated, the stability of occlusion in new desirable position can be checked on plaster casts. Planning of the jaw movements can be done as 2D planning in a software were lateral ceph can be analyzed, the profile photo of the face superimposed and the jaws displaced in 2 planes - sagittal and vertical. Once the movements have been determined, software can make a prediction and visualization of the results in a profile photo. 3D planning is performed with the CBCT of the craniofacial complex and scanned plaster casts. Jaws' repositions are recorded in the splints that can be made manually in articulator (2D), 3D printer (3D) or by CAD-CAM technology.

15:00-15:30 PANEL DISCUSSION, CLOSURE

PRESENTATION OF 8TH ALPE ADRIA SYMPOSIUM 2021

PROF. STJEPAN SPALJ, DMD, PhD

graduated in dentistry and attained PhD at School of Dental Medicine University of Zagreb, Croatia and specialised in orthodontics at University Dental Clinic in Zagreb. Master in TMD and orofacial pain at University Federico II, Naples, Italy. Graduated in journalism at Faculty of Political Sciences, University of Zagreb. Professor of orthodontics, oral epidemiology and public health dentistry at the Faculty of Dental Medicine University of Rijeka and Osijek, and visiting professor at University of Zagreb and University of Trieste. Erasmus scholarships and study visits at several universities in Italy (Bologna, Padua, Trieste, Naples), Mainz, Ljubljana, Oslo, Graz, Budapest and Krakow.

VISNJA KATIC, DMD, PhD

graduated, received doctoral degree in the field of dental medicine and work as postdoctoral researcher at the University of Rijeka, Faculty of Dental Medicine, Croatia. She participates in teaching of Orthodontics and Biometrics at undergraduate and postgraduate study. Postdoctoral schollarship at University of Cardiff, UK, Naples Federico II, Italy, Ljubljana, Slovenia and Trieste, Italy.

MAGDA TRINAJSTIC ZRINSKI, DMD, PhD

graduated and attained her PhD at the University of Rijeka, Faculty of Medicine. As part of an education in the interdisciplinary approach to orthodontics, she participated in the International Summerschool of Periodontology and Implantology at the University of Heidelberg, Germany. Erasmus scholarship at the University of Trieste, Italy. She teaches in the course Orthodontics as a postdoctoral fellow at the Faculty of Dental Medicine in Rijeka.

ANDREJ PAVLIC, DMD, PhD

graduated dentistry and attained PhD at the Faculty of Medicine, University of Rijeka. He works as a research fellow and is involved in several courses at the Department of Orthodontics, Faculty of Dental Medicine, University of Rijeka. Erasmus scholarships and study visits at universities in Oslo-Norway, Naples-Italy and Ljubljana-Slovenia.

PROF. MARTINA DREVENSEK, DMD, PhD

graduated, received her master's, doctoral and specialist degrees in Ljubljana, Slovenia. Director of the Dental Clinic at the Ljubljana University Clinical Center and professor of orthodontics at the Faculty of Medicine in Ljubljana. Actively involved in treating patiens with orofacial clefts and skeletal deformities.

PROF. ROBERT CEROVIC, MD, DMD, PhD

is a medical doctor and dentist with PhD from the University of Rijeka. He specialized in maxillofacial surgery in Zagreb and Rijeka. Currently professor at University of Rijeka and head of Maxilfacial Surgery Clinic at the Clinical Hospital Centre in Rijeka, particulary focusing on orthognatic surgery.

PROF. BARBARA MADY MARICIC, DMD, PhD

attained her dental education and PhD from the University of Rijeka, Faculty of Medicine. Specialised in orthodontics in Zagreb. Since 1998 she has been working at the University of Rijeka, now as an assistant professor the Department of Orthodontics. She has been also working at orthognatic surgery unit at the Maxillofacial Surgery Clinic at Clinical Hospital Centre in Rijeka and at private family dental practice in Rijeka. The focus of her research and clinical work is diagnosis and treatment of severe skeletal anomalies and three-dimensional imaging.

MARTINA ZIGANTE, DMD

graduated dental medicine at the Faculty of Medicine, University of Rijeka. Employed at the Faculty of Dental Medicine as a research fellow at the Department of Orthodontics, enrolled in a postgraduate doctoral study in Biomedicine. She is an associate on several scientific projects and team member of the Unit for face and jaw deformities at the Dental Clinic and the Orthognathic surgery unit at the Maxillofacial Surgery Clinic. Awarded with scholarships for a study visit to the University of Trieste, Italy, Ljubljana, Slovenia and for professional development in the field of orofacial clefts at the University of Malta, Malta.

REGISTRATION

Registration can be made at the following e-mail:
dental.uniri@gmail.com

REGISTRATION FEES

dentist, medical doctor, specialist	106€ / 120€** 800kn / 900kn**

**PAYMENT AFTER SEPTEMBER 23RD 2020

PAYMENT INFORMATION

Faculty of Dental Medicine
Krešimirova 40
51000 Rijeka
Croatia
IBAN: HR4323600001400501698
Reference number: 71006-3
SWIFT: ZABAHR2X

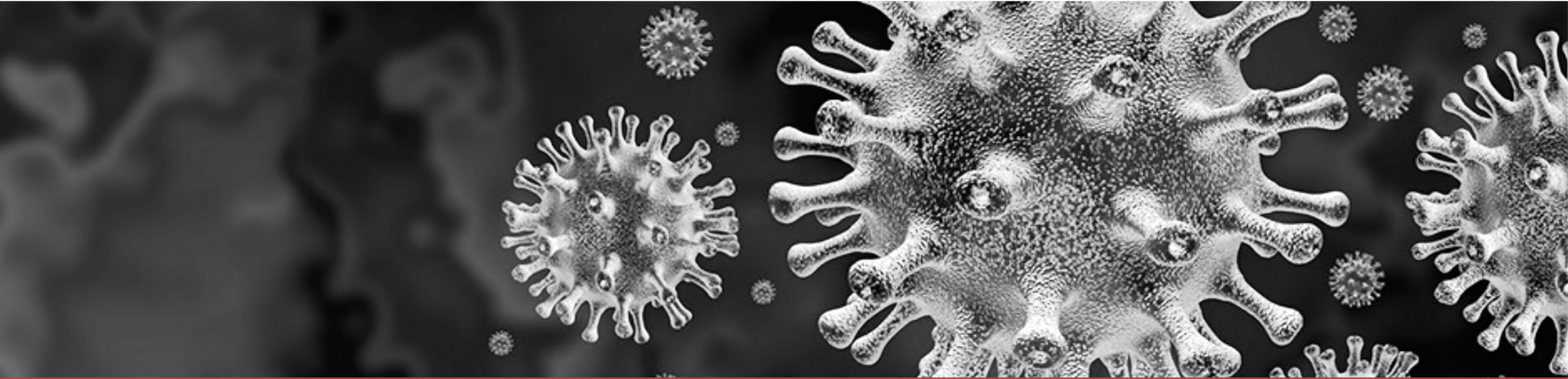
The payment description should contain the NAME and SURNAME of the participant

LOCATION OF THE SYMPOSIUM

This scientific meeting will be held online, but if the epidemiological conditions enable us, a number of participants will be able to physically attend the congress at the Campus Trsat, in the building of University Departments, of which you will be notified in a timely manner.

ADDRESS
Building of University Departments
Radmile Matejčić 2
51000 Rijeka
Croatia

Lectures will be transmitted live, recorded and will be available for future replay.



EPIDEMIOLOGICAL MEASURES

Please do not plan to attend the meeting until you have been notified that your application is within the epidemiological framework.
All participants must wear a protective mask and use a disinfectant provided by the Chamber at the meeting venue.

By registration each participant:
1. assumes the responsibility for possible infection
2. agrees in advance on one of the possible ways of attending the meeting: face-to-face or online
3. waives all objections to the organization commitee in these epidemiological conditions
4. accepts the registration fee which is the same regardless of the face-to-face or online method of participation