

FINAL PROGRAMME



XXI Congress of the
European Association for
Cranio-Maxillo-Facial
Surgery
11 – 15 September 2012
Dubrovnik, Croatia

A tribute to John Lowry

www.eacmfs@2012.com



WELCOME
TO THE
XXI EACMFS
2012
CONGRESS



TABLE OF CONTENTS

Message from the President —4
 Message from the Minister of Health of the Republic of Croatia —6
 Message from the Mayor of Dubrovnik —7
 Committees —8
 EACMFS Councilors 2010–2012 —10
 Former Congresses and Presidents —11
 Official Meetings Timetable —12
 EBOMFS Announcement —13
 Welcome to Dubrovnik —17
 Congress Venue —18
 Floorplans —19
 Registration —21
 Speaker Ready Room —21
 Exhibition —22
 Guest Societies —25
 Masterclasses —26
 E-Posters —28
 Accreditation EACCME —30
 Product Training Courses and Workshop —31
 EACMFS 2012 Scientific Programme —32
 Monday, 10/09 —33
 Tuesday, 11/09 —35
 Wednesday, 12/09 —45
 Thursday, 13/09 —57
 Friday, 14/09 —73
 Saturday, 15/09 —91
 Posters Presentations —99
 Social Programme —126
 General Information —128
 List of Sponsors and Exhibitors —132

MESSAGE FROM THE PRESIDENT

Dear Colleagues and Friends,

Four decades ago, in September 1972, the first Congress of the European Association for Cranio-Maxillo-Facial Surgery was held in Ljubljana under the presidency of professor Čelesnik. Among the organizers was Ivo Čupar, founder of Maxillofacial Surgery in Croatia. Today, I have the privilege



and honour to welcome you to the 21st Congress in Dubrovnik, Croatia, held under the Auspices of the President of the Republic of Croatia, Ivo Josipović.

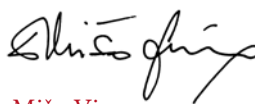
The 21st EACMFS Congress Scientific Committee is proud to offer you an exciting scientific program incorporating almost 1000 accepted abstracts, 8 keynote lectures, 6 panels and 10 guest society symposia. The programme is intended for all those working in the field of cranio-maxillo-facial surgery, ranging from trainees to junior and senior specialists as well as experts in our field. EACMFS biannual Congress aims not only to introduce and disseminate cutting edge knowledge among our members, but furthermore to facilitate communication with colleagues from “neighbouring” specialties. It is the perfect opportunity to bring colleagues together to share and advance clinical expertise.

The trainee course on Monday will cover all aspects of skin cancer and is one of the highlights of the Congress. There are 460 oral and 516 poster presentations. The E-poster format introduced in Bruges will be implemented and the posters will be also available online. Masterclasses, morning lectures given by well-known experts will enable both young and more experienced surgeons to learn some tricks and traps directly from the masters.

In addition to the scientific program, there are many opportunities to discover the beauties of Dubrovnik and its neighbourhood. Dubrovnik is inscribed on the List of World Heritage Sites by UNESCO and it is the one of the most attractive and famous cities in the world. This city is the pearl of the Adriatic and the whole of Croatia. It is not easy to write about Dubrovnik, it has to be seen and, in particular, experienced for its history, which is intensely reflected in the fascinating and picturesque city streets, churches, and museums without forgetting the beaches.

I would like to take this opportunity to thank you for your enthusiasm in preparing your scientific contributions and for your support of the 2012 Congress. On behalf of EACMFS and the Scientific Committee, I am honoured to welcome you and will do our best to make your stay memorable.

Welcome to Dubrovnik.



Mišo Virag
President EACMFS 2010 – 2012
XXI EACMFS Congress President

MESSAGE FROM THE MINISTER OF HEALTH OF THE REPUBLIC OF CROATIA

As a forthcoming European health community member, we are proud to welcome the greatest European Conference in Cranio-Maxillo-Facial Surgery in one of the most beautiful cities in Croatia, Dubrovnik. Croatian maxillofacial surgeons have a forty-year-long history of activity within the



European Association of Cranio-Maxillo-Facial Surgery and their commitment and hard work are finally being recognised. It is a goal that all of us share: to continuously exchange medical knowledge with our colleagues from Europe and from around the world.

The European Cranio-Maxillofacial Surgeons deal with a challenging surgery of the head and neck and consequently, we are expecting exciting and inspiring presentations to be made by invited speakers, many of which are world renowned experts.

In conclusion, we would like to welcome you once again to this valuable Conference which we are confident will provide a platform for an active participation of all participants through an exchange of knowledge and experiences.

Yours sincerely,

**Professor Rajko Ostojić, MD, PhD
Minister of Health**

MESSAGE FROM THE MAYOR OF DUBROVNIK

Esteemed ladies and gentlemen, respected colleagues,
Dear guests, friends of Dubrovnik!

It is an enormous pleasure and honour to greet you all and bid you a hearty welcome. For, besides being the Mayor of the City of Dubrovnik and, of course, your host, I am also your colleague by medical profession. I am particularly happy for



you have chosen Dubrovnik, the city of a thousand-year-old history, rich culture and tradition as a venue for this great international conference. The City in which each guest and well-meaning person is welcome; the City being by far known for its wide open gates and warm hearts of its residents with deep attachment to their abode. Being aware of the fact that this Congress of European Association for Cranio-Maxillo-Facial Surgery is yet another among challenges of lifelong learning and onward march of progress, I wish you every success in the days to come. May I also invite you to spend your free time visiting our exceptionally beautiful city, the city which will surely leave you breathless with excitement while admiring its beauty of the millennium old historical and cultural heritage that will enrich your spirit and offer you a unique and unrivalled experience.

Thank you all for ennobling our city with your presence and making it even more beautiful!

Andro Vlahušić, Mayor

COMMITTEES

PRESIDENT EACMFS 2010 – 2012

XXI EACMFS CONGRESS PRESIDENT

Mišo Virag

EACMFS ORGANIZING COMMITTEE

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Emil Dediol

Andrej Kansky, Slovenia

Predrag Knežević

Dinko Leović

Ivica Lukšić

Darko Macan

Aleksandar Milenović

Željko Orihovac

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Vitimir Konstantinović

Ivica Lukšić

Darko Macan

Peter Ramsay-Baggs

Manlio Galiè

EACMFS EXECUTIVE COMMITTEE

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MEDIA DEVELOPMENT OFFICER

Hans-Peter Howaldt, Germany

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EACMFS COUNCILLORS 2010 – 2012

ALBANIA	Prof. R. Isufi
ARMENIA	Dr. G. Khachatryan
AUSTRIA	Prof. G. Santler
BELARUS	Prof. I. Pohodenko-Chudakova
BELGIUM	Dr. P. Mahy
BOSNIA & HERZEGOVINA	Dr. B. Bejtović
BULGARIA	Dr. N. Yanev
CROATIA	Dr. D. Leović
CYPRUS	Dr. G. Pantelas
CZECH REPUBLIC	Dr. R. Foltan
DENMARK	Dr. T. Folkmar – acting
ESTONIA	Dr. M. Soots
FINLAND	Dr. P. Stoor
FRANCE	Prof. C. Chossegros
GERMANY	Prof. K. Wolff
GREECE	Prof. I. Iatrou
HUNGARY	Dr. S. Bogdan
ISRAEL	Dr. Z. Laster
ITALY	Dr. E. Sesenna
KOSOVA	Dr. M. Prekazi-Loxha
LATVIA	Dr. G. Salms
LITHUANIA	Dr. S. Bojarskas
MACEDONIA	Prof. D. Popovic-Monevska
MOLDOVA	No nomination
NETHERLANDS	Prof. S. Bergé
NORWAY	Prof. C. Ziegler
POLAND	Dr. A. Kaminski
PORTUGAL	Dr. J. Marcelino
ROMANIA	Prof. G. Baciut
RUSSIA	Prof. S. Tarasenko
SERBIA	Prof. V. Konstantinović
SLOVAKIA	Dr. D. Novotnakova
SLOVENIA	Dr. A. Vesnaver
SPAIN	Dr. R. Martin-Granizo
SWEDEN	No nomination
SWITZERLAND	Prof. H.F. Zeilhofer
TURKEY	Prof. O. Guven
UNITED KINGDOM	Dr. P. Ramsay Baggs
UKRAINE	Prof. V. Malanchuk
TRAINEE REPRESENTATIVE	Dr. A. Gulati

FORMER CONGRESSES AND PRESIDENTS

YEAR	VENUE	PRESIDENT
1972	Ljubljana, Slovenia	Celesnik, F, Prof.
1974	Zurich, Switzerland	Obwegeser, HL, Prof.
1976	London, UK	Rowe, NL, Dr.
1978	Venice, Italy	Curioni, C, Prof.
1980	Warsaw, Poland	Knapik, S, Prof.
1982	Hamburg, Germany	Pfeiffer, G, Prof.
1984	Paris, France	Delaire, J, Prof.
1986	Madrid, Spain	Alonso del Hoyo, J, Prof.
1988	Athens, Greece	Martis, C, Prof.
1990	Brussels, Belgium	Peiffer, R, Dr.
1992	Innsbruck, Austria	Fries, R, Prof.
1994	The Hague, The Netherlands	Stoelinga, PJ, Prof.
1996	Zurich, Switzerland	Sailer, H, Prof.
1998	Helsinki, Finland	Lindqvist, C, Prof.
2000	Edinburgh, UK	Williams, JLI, Dr.
2002	Münster, Germany	Joos, U, Prof.
2004	Tours, France	Devauchelle, B, Prof.
2006	Barcelona, Spain	Raspall, G, Prof.
2008	Bologna, Italy	Clauser, L, Prof.
2010	Brugge, Belgium	Mommaerts, M, Prof.

DATES OF FUTURE CONGRESSES

XXII Congress of the EACMFS
23 – 26 September 2014
Prague, Czech Republik
President: Daniel Hrusak

XXIII Congress of the EACMFS
September 2016
London, United Kingdom
President: Ian Martin



OFFICIAL MEETINGS TIMETABLE

SUNDAY, SEPTEMBER 9, 2012

Hotel President

- 8.00 – 9.00 EBOMFS Registration
9.00 – 10.00 EBOMFS MCQ Examination
10.00 – 18.00 EBOMFS Oral Examinations

Bokar hall

- 10.00 – 18.00 EACMFS Executive Committee Meeting
20.00 EACMFS Executive Committee Dinner

MONDAY, SEPTEMBER 10, 2012

Bokar Hall

- 10:00 – 18:00 EACMFS Executive Committee Meeting (Optional)

Hotel President

- 8:00 – 18:00 EBOMFS Oral Examinations
18:00 – 20:00 Fellowship Award Ceremony

Elafiti 1 Hall

- 16:30 – 18:00 Trainees Administrative Meeting

TUESDAY, SEPTEMBER 11, 2012

Asimon Hall

- 7:15 – 8:30 Fellowship Steering Group

WEDNESDAY, SEPTEMBER 12, 2012

Bokar Hall

- 8:00 – 11:00 Council Meeting
Presentations of candidacies and vote for the EACMFS President 2016–2018, presentations of candidacies and vote for the designation of one Executive Advisor

Asimon Room

- 13:00 – 15:00 JCMFS Editorial Board Lunch Meeting

THURSDAY, SEPTEMBER 13, 2012

Asimon Hall

- 8:00 Breakfast Meeting with AAOMS

Bokar Hall

- 13:00 – 14:00 EACMFS College of Post-Graduate Education, Julio Acero

Elafiti 1 - 2

- 18:00 EACMFS General Assembly

SATURDAY, SEPTEMBER 15, 2012

Asimon Hall

- 8:00 EACMFS Executive Committee Meeting

Bokar Hall

- 8:30 Council Meeting. Welcome to the new Councillors and reception of the Junior President Elect

Elafiti 1-4

- 13:00 Closing Ceremony

UNION EUROPÉENNE DES MÉDECINS SPÉCIALISTES
EUROPEAN UNION OF MEDICAL SPECIALISTS

The UEMS Board of Oro–Maxillo–Facial Surgery

EUROPEAN BOARD OF ORO-MAXILLO-FACIAL SURGERY (EBOMFS)

Secretary General: Prof. Joseph Schoenaers
joseph.schoenaers@uzleuven.be

EBOMFS – ANNOUNCEMENT

INTRODUCTION:

The European Board of Oro-Maxillo-Facial Surgery (EBOMFS) in common with other European Boards of recognized UEMS – Specialties is conducting RQ (Recognition of Qualification) – Assessments. The European Board exists to enhance the standards of training and practice through different means. Among those is the EBOMFS – Assessment. When the candidate passes the certification procedure he earns the title of “Fellow of the EBOMFS”.

The Assessment is voluntary and does not provide free movement of doctors to and in Europe.

TIME AND PLACE:

The 2012 EBOMFS 8th RQ – Assessment is organized on 9th – 10th of September in Dubrovnik, Croatia just before XXI Congress of the European Association for Cranio-Maxillo-Facial Surgery (11th – 15th of September 2012) in Hotel President near the Congress Center. 61 applicants have gained access to Part 2.

The registration will take place on Sunday September 9th between 8:00 – 9:00 in Hotel President

The MCQ – exam will be between 9:00 – 10:00 on Sunday 9th, of September in Room Olipa

The Oral Assessments start thereafter on Sunday 9th and on Monday 10th of September.

The Fellowship Award Ceremony is planned between 18:00 and 20:00 on Monday 10th of September – Room Olipa

ELIGIBILITY:

Candidates for the R.Q.– Assessment must have a MD degree and satisfy one of the three following terms.

- Recognized specialists in oro-maxillofacial surgery in one of the countries of the E.U. where the specialty is based on a medical and dental degree.
- Recognized specialists in oro-maxillofacial surgery in one of the countries of the E.U. where the specialty is based on a medical degree.
- Recognized specialists in oro-maxillofacial surgery in one of the countries of the E.U. where the specialty is based on a dental degree, provided this specialist also holds a medical degree.

The candidate is at least one year recognized as a specialist in oro-maxillofacial surgery at the time of part 2 of the assessment, and it shall be demonstrated that he or she effectively practices oral and maxillofacial surgery. It must be proved that he or she shows continuing scientific and / or continuing medical training interest in the specialty.

STRUCTURE:

The assessment is conducted bi-annually in concert with the EACMFS congress.

Candidates who do not pass the first part will not be permitted to enter the second part.

PART 1: 50%

- A:** curriculum vitae, picture, diploma's & certificates, publications, presentations, CME
- B:** logbook (proof of 600 minor, 72 medium, 48 major surgeries as a prime surgeon)

PART 2: 50%

- A:** Multiple Choice Questions Exam (MCQ) one hour in simple English / 50 questions
- B:** oral interview of the candidate: this will last one hour and consists of two parts
 - Questions covering the whole scope of the specialty (as indicated in 'Headings Oral assessment')
 - Case Defense . Each candidate must be ready to present one out of three well documented personal cases: (using slides, photographs, medical imaging, casts, histology, laboratory findings etc...).

The Oral Examination is conducted in English. French, German, Spanish are an optional choice. Exceptionally, if the candidate cannot cope with any of these four languages and does not agree with the offered suggestion, he/she should contact the Secretary General.

The oral assessment will be conducted by a panel of three assessors selected by the board. The chairman of each jury will be from the same country as the candidate. The decision of the assessors will be final.

THE FEE:

The fee for the assessment is 450 € payable with the application for the assessment. A copy of the bank draft – on the applicants own name – must be enclosed. Payment by cheque or credit card is not accepted.

The next EBOMFS Fellowship assessment will be in Prague , before the EACMFS 2014 Congress. The deadline for application for will be the 30th of May 2014. Specialists wishing to take the RQAssessment or wishing to obtain further instructions or application form should go to www.ebomfs.eu or contact the Secretary of EBOMFS or their national UEMS representatives.

**SECRETARY GENERAL OF THE EBOMFS AT THE UEMS,
 PROF. JOSEPH SCHOENAERS, LEUVEN, BELGIUM
 PHONE: + 32 475 593 111**



WELCOME TO DUBROVNIK

It is a medieval city on the Croatian side of the Adriatic coastline and a treasure – trove of cultural – historical monument that were created throughout its thousand-year existence. In the past, it was a City-Republic, and alongside Venice one of the most famous cultural-economic centers on the Mediterranean. In more recent times, it has become the center of modern cultural and tourist events: a city of summer festivals – an international parade of top musical and theatrical achievements, a city of museums and galleries. These values have turned Dubrovnik into a place that offers a rich selection of various experiences and excitement, but also a complete holiday in quiet and calming, mild Mediterranean ambience and wonderful seaside landscapes.

Welcome to Dubrovnik – a city of thousand year old tradition that offers something for everyone.

There are many beautiful places in the world; however, the people of Dubrovnik claim their city to be the most beautiful. The walls of Dubrovnik girdle a perfectly preserved complex of public and private, sacral and secular buildings representing all periods of the City's history, beginning with its founding in the 7th century. Since 1979 Dubrovnik is in the register of UNESCO as a protected World heritage. Particular mention should be made of the city's main street in the old historical center – Stradun, Rector's Palace, St. Blaise's Church, Cathedral, three large monasteries, Custom's Office and the City Hall. The Republic of Dubrovnik was the centre of a separate political and territorial entity, and was proud of its culture, its achievements in commerce and especially of its freedom, preserved in the course of the stormy centuries.

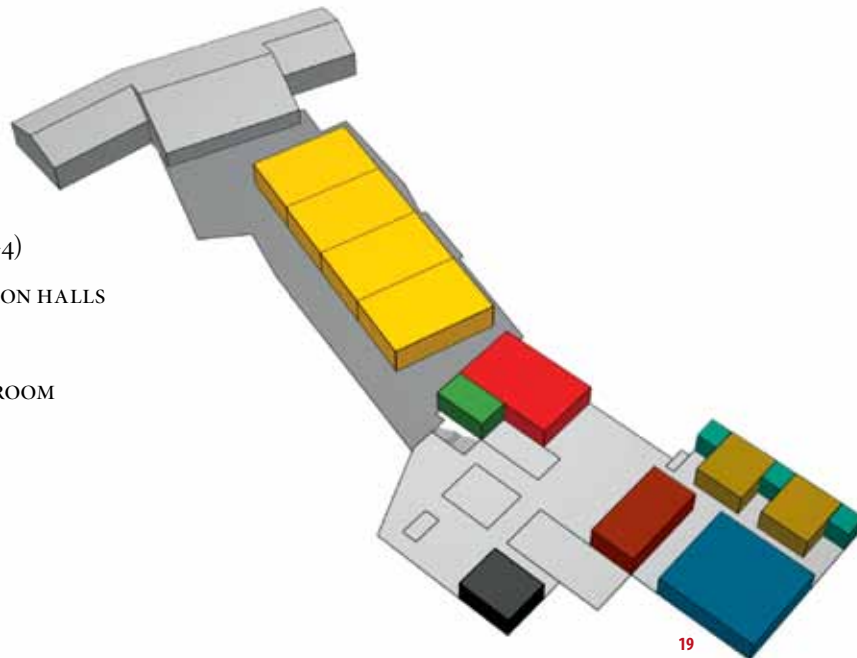
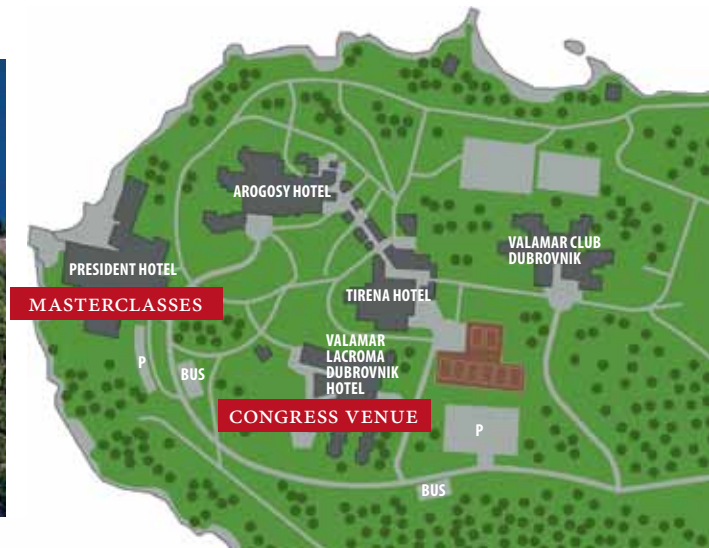
CONGRESS VENUE

The XXI Congress of the European Association for Cranio – Maxillo – Facial Surgery (EACMFS) takes place from Tuesday, September 11 to Saturday, September 15, 2012 at the Valamar Lacroma Dubrovnik Hotel.



FLOORPLANS

Congress Venue





REGISTRATION

The registration area is located on Level 1 of the Valamar Lacroma Hotel.

WORKING HOURS

Monday, September 10, 2012: 8:30 – 19:00
Tuesday, September 11, 2012: 7:00 – 19:00
Wednesday, September 12, 2012: 7:00 – 18:00
Thursday, September 13, 2012: 7:00 – 19:00
Friday, September 14, 2012: 7:00 – 19:00
Saturday, September 15, 2012: 7:00 – 14:00

SPEAKER READY ROOM

The Speaker Ready Room is located on Level 1 of the Valamar Lacroma Hotel.

WORKING HOURS

Monday, September 10, 2012: 9:30 – 19:00
Tuesday, September 11, 2012: 7:00 – 19:00
Wednesday, September 12, 2012: 7:00 – 18:00
Thursday, September 13, 2012: 7:00 – 19:00
Friday, September 14, 2012: 7:00 – 19:00
Saturday, September 15, 2012: 7:00 – 13:00

All speakers must hand in their presentation the day before their lecture or two hours prior to the commencement of the Session, at the latest. Please note that you may not use your laptop in the lecture hall.

EXHIBITION

EXHIBITION AREA:

Southern Implants (Booth N°5)
 Planmeca (Booth N°6)
 KLS Martin (Booth N°7)
 Straumann (Booth N°8)
 Brainlab (Booth N°9)
 Conmet (Booth N°10)
 Titamed (Booth N°11)
 AOCMF (Booth N°12)
 Materialise (Booth N°13)
 Dolphin (Booth N°14)
 Medartis (Booth N°15)
 Mectron S.p.A. (Booth N°16)
 Mondeal (Booth N°17)
 Osteomed (Booth N°18)
 Cook Medical (Booth N°20)
 3dMD (Booth N°21)
 Stryker (Booth N°22)
 SisomM (Booth N°23)
 Nobel Biocare (Booth N°24)
 Synthes (Booth N°25)
 Karl Storz (Booth N°26)
 Medicon (Booth N°27)
 Brumaba (Booth N°28)
 Misonix (Booth N°29)

GALLERY:

Mercy Ships/ICOMS 2013
 EACMFS
 Brugge Fellowship
 Elsevier
 Edizioni Martina

CONGRESS FOYER:

SECOM
 Operation Smile
 IAOO
 EACMFS 2014
 EACMFS 2016

EXHIBITION

The Exhibition is held in a purpose-built Exhibition Hall, adjacent to the Valamar Lacroma Congress Center.

EXHIBITION WORKING HOURS

Tuesday, September 11, 2012

Exhibition Area 8:30 – 18:30
 Coffee Break in the Exhibition Area 11:00 – 11:30
 Lunch in the Exhibition Area 13:00 – 14:00
 Coffee Break in the Exhibition Area 16:00 – 16:30

Wednesday, September 12, 2012

Exhibition Area 8:30 – 16:00
 Coffee Break in the Exhibition Area 11:00 – 11:30
 Lunch in the Exhibition Area 13:00 – 14:00

Thursday, September 13, 2012

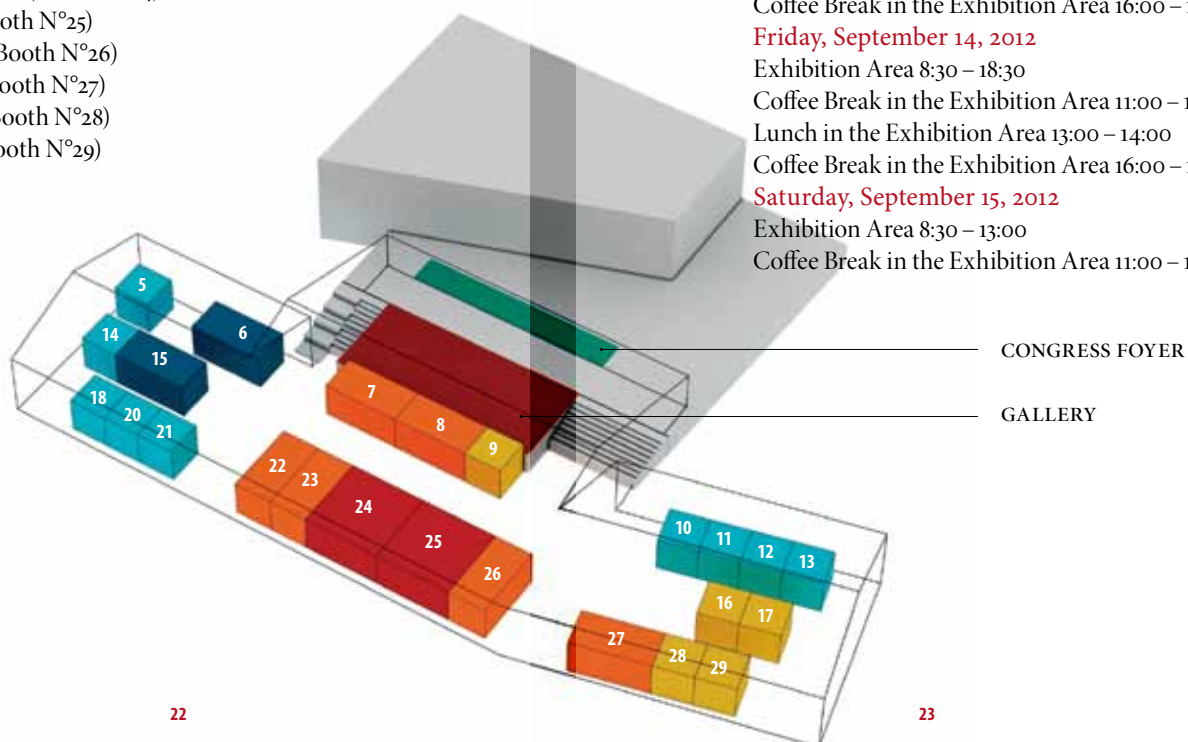
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 Coffee Break in the Exhibition Area 11:00 – 11:30
 Lunch in the Exhibition Area 13:00 – 14:00
 Coffee Break in the Exhibition Area 16:00 – 16:30

Friday, September 14, 2012

Exhibition Area 8:30 – 18:30
 Coffee Break in the Exhibition Area 11:00 – 11:30
 Lunch in the Exhibition Area 13:00 – 14:00
 Coffee Break in the Exhibition Area 16:00 – 16:30

Saturday, September 15, 2012

Exhibition Area 8:30 – 13:00
 Coffee Break in the Exhibition Area 11:00 – 11:30



GUEST SOCIETIES

AAFPRS American Academy of Facial Plastic and Reconstructive Surgery



American Society of Maxillofacial Surgeons (ASMS)



AOCMF Foundation



International Academy of Oral Oncology (IAOO)



International Bone Research Association (IBRA)



Japanese Society of Oral and Maxillofacial Surgeons (JSOMS)



Korean Association of Oral and Maxillofacial Surgeons (KAOMS)



Korean Cleft Palate and Craniofacial Association (KCPA)



North American Skull Base Society (NASBS)



Spanish Association of Oral and Maxillofacial Surgery (SECOM)

MASTERCLASSES

ALL MASTERCLASSES WILL BE HELD AT HOTEL PRESIDENT, TUESDAY TO SATURDAY FROM 7:30 – 8:45, EXCEPT ON WEDNESDAY WHEN THEY WILL BE HELD FROM 7:15 – 8:30.
COFFEE & BISCUITS WILL BE OFFERED.

TUESDAY, SEPTEMBER 11 / 07:30 – 08:45

New Indications for the Zygoma Implants: from the Branemark protocol to rehabilitating severe maxillary atrophy or bone continuity defects

Speaker: Cesar A. Guerrero

Facial Sculpturing & Structural Fat Grafting: principles, surgical technique, indications, results

Speakers: Luigi Clauser, Riccardo Tieghi

Clinical Digital Photography in Maxillo-Facial Surgery – Standards and Pitfalls

Speaker: Hans-Peter Howaldt

Changing the Face and Smile of Patients with Dentofacial Deformities

Speaker: Lim K. Cheung

A Treatment Algorithm for Zygomatico–Orbital Fractures

Speaker: Edward Ellis

WEDNESDAY, SEPTEMBER 12 / 07:15 – 08:30

Arthroscopy of the Temporomandibular Joint: from basis to advanced

Speaker: Rafael Martin Granizo

Real Time Image Guided Navigation in Maxillofacial Surgery

Speaker: Wolfram Kaduk

Fibula Flap for Mandibular Reconstruction – How we do it

Speaker: Zhigang Cai

Differential Diagnosis and Management of Obstructive Sleep Apnea by Skeletal Surgery

Speaker: Reha Kisnisci

Brow lift: Concepts, Pearls and Techniques

Speaker: James Ridgway

THURSDAY, SEPTEMBER 13 / 07:30 – 08:45

How to avoid Surgical Complications and Failures in Implantology

Speaker: Manlio Galie

Reconstruction of Complex Defects of the Head and Neck

Speaker: Nick Kalavrezos

Blepharoplasty

Speaker: Maurice Mommaerts

Flap Harvest Technique for the Iliac Crest with Internal Oblique

Speaker: James Brown

The Evolution into 3D Maxillofacial Planning Concepts in Orthognatic Surgery

Speaker: Nasser Nadjmi

FRIDAY, SEPTEMBER 14 / 07:30 – 08:45

Correction of Asymmetries in Children and Adults

Speaker: Gert Santler

Otoplasty Techniques

Speaker: Ira D. Papel

The Principles of Treatment of War Injuries

Speaker: Naranda Aljinović Ratković

A Combined Surgical and Orthodontic Program for Mandibular Distraction

Speaker: Joseph McCarthy

Anterior Skull Base Surgery – open vs. endoscopic approaches

Speaker: Lawrence Marentette

SATURDAY, SEPTEMBER 15 / 07:30 – 08:45

Neck Dissection – an Operation in Evolution

Speaker: Ashok R. Shaha

Open Rhinoplasty – Step by Step

Speaker: Vedran Uglešić

The Role of Maxillofacial Planning Concepts in Orthognatic Surgery

Speaker: Vitomir Konstantinović

Distraction Osteogenesis by Endodistraction – a Biological Concept for full Regeneration of the Alveolar Ridge

Speaker: Christian Krenkel

E-POSTERS

The accepted posters are displayed on touch screens and computers located on Level 1 foyer of the Valamar Lacroma Hotel during the duration of the Congress.

There is a possibility to rate each poster viewed and there are prizes for best posters to be awarded at the closing ceremony on Saturday, 15 September 2012. Also, you can comment each poster and send an e-mail to the author.

The posters are also available online: www.eacmfs2012.com

The Internet Corner is on the same level.

Poster presenters are requested to disclose potential conflicts of interest regarding their current poster presentation.

THE E-POSTER TOPICS ARE:

- BENIGN LESIONS OF THE FACIAL BONES
- BENIGN TUMORS & VASCULAR LESIONS
- BISPHOSPHONATE RELATED DISEASE
- BONE HEALING AND OSTEOGENESIS
- CLEFT SURGERY
- CRANIO-MAXILLO-FACIAL TRAUMATOLOGY
- CRANIO-MAXILLO-FACIAL TRAUMATOLOGY – ORBIT
- CUSTOM-MADE IMPLANTS
- DISTRACTION OSTEOGENESIS
- EMBRYOLOGY AND PRE-NATAL DIAGNOSIS OF CRANIO-FACIAL MALFORMATIONS
- FACIAL RECONSTRUCTIVE SURGERY
- FACIAL REJUVENATION, AESTHETIC SURGERY AND SCULPTURING
- HEAD & NECK INFECTION
- HISTORY OF CRANIO-MAXILLO-FACIAL SURGERY
- IMAGING AND SIMULATION
- MEDICAL ONCOLOGY
- MICROSURGICAL RECONSTRUCTION IN HEAD AND NECK
- MISCELLANEOUS
- NASAL RECONSTRUCTION
- NON-MICROVASCULAR RECONSTRUCTION IN HEAD AND NECK
- OBSTRUCTIVE SLEEP APNEA
- OMFS EDUCATION & STRATEGIES
- ORBITAL PATHOLOGY
- ORTHOGNATHIC SURGERY
- OTOPLASTY AND EAR RECONSTRUCTION
- PREPROSTHETIC SURGERY AND IMPLANTOLOGY
- RECONSTRUCTIVE SURGERY OF CRANIOFACIAL MALFORMATIONS
- RHINOPLASTY
- SALIVARY GLANDS – SURGERY AND PATHOLOGY
- SKIN TUMOURS OF THE HEAD AND NECK
- SKULL BASE SURGERY
- SURGERY FOR FACIAL PARALYSIS
- SURGERY OF THE NASAL CAVITY AND PARANASAL SINUSES
- SURGERY OF THE ORAL CAVITY
- SURGICAL HEAD AND NECK ONCOLOGY
- TEMPOROMANDIBULAR JOINT PATHOLOGY AND SURGERY
- TISSUE ENGINEERING AND CELL THERAPY



ACCREDITATION EACCME

The XXIst Congress of the European Association for Cranio-Maxillo-Facial Surgery is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

The XXIst Congress of the European Association for Cranio-Maxillo-Facial Surgery is designated for a maximum of (or 'for up to') 24 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits[™]. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

EACCME states that all members of the Faculty have to provide written declarations of potential or actual conflicts of interest. These declarations must include any fee, honorarium or arrangement for reimbursement of expenses in relation to the educational event.

Failure to disclose relevant financial relationship disqualifies the individual from being a planning committee member, a teacher, or an author of CME materials, and this individual cannot have any responsibility for the development, management, presentation, or evaluation of EACMFS CME activities. For live presentations, all disclosures must be stated orally or on a slide at the beginning of the presentation. Slides, handouts, and other materials utilized as part of an educational activity cannot contain any advertising, trade names or product group message. Speakers are required to disclose that they have nothing to disclose if this is the case. Chairpersons / Moderators are requested to declare interest regarding the topics of the presentations during the session on their first slide (if applicable) or orally at the beginning of the session.

PRODUCT TRAINING COURSE AND WORKSHOP

MONDAY, SEPTEMBER 10, 16:00 – 18:00
ASIMON HALL

Brainlab – Image guided cranio facial reconstruction, from computer aided planning to intra-operative navigation

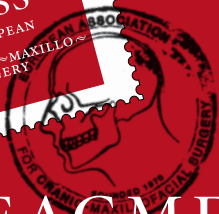
Virtual preoperative planning and intra-operative realization through navigation becomes more and more a standard in the treatment of patients. This hands-on workshop will focus on the utilization of the preoperative planning software iPlan CMF and the intra-operative navigation for different indications for use in the field of head and neck reconstructive surgery. Experienced clinical leaders who will give an insight in their daily routine will train participants.

MONDAY, SEPTEMBER 10, 14:00 – 18:00
ELAFITI 4 HALL

MECTRON PRODUCT TRAINING COURSE

Piezosurgery[®] – Use and Benefits in Maxillofacial Surgery

The Product Training Course will be a unique opportunity to learn about Piezosurgery. The course will be structured into fundamentals and hands-on. Fundamentals will include a short introduction on the technology, followed by clinical presentations from Experienced Surgeons from all over Europe. The participants will then have the chance of trying Piezosurgery Medical. For this hands-on, Mectron will fully equip ten working stations and animal bones will be available for the surgeons to experience the advantages of Piezosurgery Medical.



EACMFS
2012
SCIENTIFIC
PROGRAMME

MONDAY, SEPTEMBER 10TH

PRE – CONGRESS TRAINEE COURSES

Room Asimon

9.00 — 10.45

Journal Publishing Workshop

HOW TO WRITE AND PUBLISH A SCIENTIFIC PAPER

Presenters: Henry Spielberg, Executive Publisher, Health & Medical Sciences, Elsevier Ltd, Oxford, UK

Jörg Wiltfang, Editor-in-Chief, Journal of Cranio-Maxillo-Facial Surgery

Peter Ramsay-Baggs, Assistant Editor, Journal of Cranio-Maxillo-Facial Surgery

09:00

WELCOME

09:05

INTRODUCTION TO JOURNAL PUBLISHING

Henry Spielberg, UK

09:25

WHAT A JOURNAL EDITOR LOOKS FOR IN A PAPER

Jörg Wiltfang, Germany

09:55

HOW TO WRITE A GOOD PAPER

Peter Ramsay-Baggs, UK

10:25 Discussion, questions

Room Elafiti 1

11.00 — 16.30

JOHN LOWRY TRAINEE DAY SKIN CANCER

Moderator Jatin Shah, USA

11.00

INTRODUCTION

Julio Acero (EACMFS education officer), Spain

11.10

SKIN CANCER (NON-MELANOMA)

Jatin Shah, USA

11.50

SKIN MELANOMA

Jatin Shah, USA

12.30

RARE SKIN CANCERS

Mišo Virag, Croatia

13.00 — 14.00

Lunch break

14.00

LOCAL FLAPS IN HEAD AND NECK RECONSTRUCTION

Ian Jackson, USA

14.40

RECONSTRUCTION USING FLAPS IN THE TREATMENT OF ORBITAL TUMOURS AND DEFORMITY

Ian Jackson, USA

15.20

FURTHER USE OF FLAPS IN FACIAL RECONSTRUCTION

Ian Jackson, USA

16.00

Discussion and summary

16.30 — 18.00

Trainee Administrative meeting

19.00

Trainee Party

PRODUCT TRAINING COURSES

Elafiti 4 Hall

14.00 — 18.00

MECTRON PRODUCT TRAINING COURSE**PIEZOSURGERY® – USE AND BENEFITS IN MAXILLOFACIAL SURGERY**

Faculty: Daniel Hrusak, Peter Maurer, Philipp Jurgens, Jean-Luc Béziat, Luigi C. Clauser, Andrej Kansky

INTRODUCTION

Daniel Hrusak, Czech Republic

WOUND HEALING AFTER ULTRASONIC SURGERY EXPERIMENTAL BACKGROUNDS; MICROMORPHOLOGICAL CHARACTERISTICS

Maurer Peter, Germany

DENTOALVEOLAR PROCEDURES, IMPLANTOLOGY AND DISTRACTIONS

Daniel Hrusak, Czech Republic

ORTHOGNATIC OSTEOTOMIES

Phillip Jürgens, Swiss

INTEREST OF PIEZOSURGERY IN CRANIOFACIAL SURGERY

Jean-Luc Beziat, France

ULTRASOUND BONE SURGERY: A NEW WAY OF MAKING CRANIO ORBITAL SURGERY

Luighi C. Clauser, Riccardo Tieghi, Italy

PIEZOSURGERY IS INDISPENSABLE IN MAXILLOFACIAL RECONSTRUCTION

Andrej Kansky, Slovenia

Hands on – Practical session

ALL FACULTY AND MECTRON STAFF

Room Asimon

16.00 — 18.00

BRAINLAB HANDS-ON WORKSHOP COMPUTER ASSISTED FACIAL RECONSTRUCTION – FROM COMPUTER ASSISTED PLANNING TO INTRA-OPERATIVE NAVIGATION

Workshop Instructors: Alexander Schramm (Germany), Frank Wilde (Germany), Nils-Claudius Gellrich (Germany), Harald Essig (Germany), Majeed Rana (Germany)

TUESDAY, SEPTEMBER 11TH

MASTERCLASSES

Room Olipa 1, Hotel President

07.15 — 8.30 **NEW INDICATIONS FOR THE ZYGOMA IMPLANTS: FROM THE BRANEMARK PROTOCOL TO REHABILITATING SEVERE MAXILLAR ATROPHY OR BONE CONTINUITY DEFECTS**
Speaker: Cesar A. Guerrero, Chile

Room Olipa 2, Hotel President

07.15 — 8.30 **FACIAL SCULPTURING & STRUCTURAL FAT GRAFTING: PRINCIPLES, SURGICAL TECHNIQUE, INDICATIONS, RESULTS**
Speakers: Luigi Clauser, Riccardo Tieghi, Italy

Room Olipa 3, Hotel President

07.15 — 8.30 **CLINICAL DIGITAL PHOTOGRAPHY IN MAXILLO-FACIAL SURGERY – STANDARDS AND PITFALLS**
Speaker: Hans-Peter Howaldt, Germany

Room Tajan, Hotel President

07.15 — 8.30 **CHANGING THE FACE AND SMILE OF PATIENTS WITH DENTOFACIAL DEFORMITIES**
Speaker: Lim K. Cheung, Hong Kong

Room Ruda, Hotel President

07.15 — 8.30 **A TREATMENT ALGORITHM FOR ZYGOMATIC-ORBITAL FRACTURES**
Speaker: Edward Ellis, USA

Room Elafiti 1 – 2

09.00 — 11.00 **Meeting with Guest Society**
SPANISH ASSOCIATION OF ORAL AND MAXILLOFACIAL SURGERY
CONTROVERSY IN MANAGEMENT OF FRACTURES OF THE FACE
Chairman: Rafael Martin Granizo, Spain
CONTROVERSY IN MANAGEMENT OF DENTOALVEOLAR FRACTURES
Joao Pedro Marcelino, Spain
CONTROVERSY IN MANAGEMENT OF FRACTURES IN CHILDHOOD
Ignacio Garcia Recuero, Spain
CONTROVERSY IN MANAGEMENT OF SUBCONDYLAR FRACTURES
Jacinto Fernandez Sanroman, Spain
CONTROVERSY IN TREATMENT OF FRACTURES OF THE ORBIT
Rafael Martin Granizo, Spain
CONTROVERSY IN TREATMENT OF FRACTURES OF THE FRONTAL SINUS
Alvaro Garcia Rozado, Spain

CONTROVERSY IN MANAGEMENT OF
PANFACIAL FRACTURES
Ildefonso Martínez Lara, Spain

Room Elafiti 3

09.00 — 11.00

Session 1.

**FACIAL REJUVENATION, AESTHETIC
SURGERY AND SCULPTURING**

Chairmen: Ira Papel (USA), Nadjmi N. (Belgium), Tieghi R. (Italy)

- 09.00 0-0101 MODERN CULTURAL PERCEPTIONS OF BEAUTY; RACIAL PRESERVATION OR TRANSFORMATION? A LITERATURE REVIEW
Atheer Ujam*, Navin Vig, UK
- 09.08 0-0102 ENDOSCOPIC BROW LIFT FOR FACIAL REANIMATION. OUR EXPERIENCE.
Thomas Barry*, Austen Smith, Aidan Fitzgerald, Afshin Yousefpour, UK
- 09.16 0-0103 SECURING THE BROW USING ENDOTINE®
Geert Van Hemelen*, Nasser Nadjmi, Joël Defranco, Lieven Renier, Bruno Vanasche, Jan Van De Perre, Herman Vercrussse, Belgium
- 09.24 0-0104 FOREHEAD CONTOURING AND BROW BOSSING RESHAPING OF OLD MALUNITED FRACTURE IN TWO CASES.
Hisham Fattah*, Egypt
- 09.32 0-0105 TRANSCONJUNCTIVAL SOOF PAD LIFT BLEPHAROPLASTY
Miguel Burgueño García*, Jorge Guiñales Díaz De Cevallos, Spain
- 09.40 0-0106 AESTHETIC IMPROVEMENT OF THE FLAT FOREHEAD USING METHYL METHACRYLATE
Yong Tai Song*, Republic of Korea
- 09.48 0-0107 DECISION MAKING IN FACIAL WASTING REHABILITATION
Raffaele Rauso*, Gianpaolo Tartaro, Italy
- 10.00 Discussion
- 10.10 0-0108 STRUCTURAL FAT GRAFTING OF THE CRANIO ORBITO FACIAL AREA. VOLUMETRIC & MORPHO-AESTHETIC IMPLICATIONS
Riccardo Tieghi*, Luigi C. Clauser, Italy
- 10.18 0-0109 THE AUTOLOGOUS FAT GRAFT FOR THE TREATMENT OF THE LOWER LIP INCOMPETENCE
Jordi Rodríguez Flores*, Cecilia Mazzara Bou, Óscar González Sarrión, Esther Montané Sala, José Javier Bara Casaus, Spain
- 10.26 0-0110 RECONTOURING OF THE AGED FACE
Nasser Nadjmi*, Belgium
- 10.34 0-0111 LOWER BORDER OSTEOTOMY — NEW PERSPECTIVES FOR GENIOPLASTY
Maciej Jagielak*, Andrzej Wojtowicz, Marcin Socha, Anna Jagielak, Wojciech Lambrecht, Poland
- 10.42 0-0112 UP-DATE IN GENIOPLASTY STRATEGIES
Giuseppe Consorti*, Riccardo Tieghi, Manlio Galìè, Stefano A Denes, Luigi C Clauser, Italy
- 10.50 Discussion

Room Elafiti 4

9.00 — 11.00

Session 2.

IMAGING AND SIMULATION

Chairmen: Zeilhofer H.F. (Switzerland), Sugar A. (UK), Novelli G. (Italy)

- 09.00 0-0201 SIMULATION GUIDED NAVIGATION IN CRANIO-MAXILLO-FACIAL SURGERY
Alberto Bianchi*, Giovanni Badiali, Lorenzo Lancellotti, Claudio Marchetti, Italy
- 09.07 0-0202 VIRTUAL PLANNING OF CRANIOMAXILLOFACIAL SURGERY — IS THERE STILL A NEED FOR “REAL” MODELS? EXPERIENCES OF ONE CENTRE USING COMMERCIALY AVAILABLE SOFTWARE
Nicolai Adolphs*, Hannes Haberl, Weichen Liu, Erwin Keeve, Horst Menneking, Bodo Hoffmeister, Germany
- 09.14 0-0203 VIRTUAL MODEL SURGERY AND FABRICATION OF A SURGICAL WAFER SPLINT FOR CORRECTION OF A SEVERE MANDIBULAR ASYMMETRY
Lászlo Seres*, Endre Varga, Zoltán Raskó, András Kocsis, Hungary
- 09.21 0-0204 VIRTUAL PLANNING AND NAVIGATION GUIDED RECONSTRUCTION IN FRONTOORBITAL TUMORS. PRESENTATION OF 2 CASES.
Cristina Maza*, Julio Acero, Carlos Navarro, Roberto Garcia, Santiago Ochandiano, Rodolfo Asensio, Spain
- 09.28 0-0205 ADVANCED DIGITAL PLANNING FOR HEAD AND NECK RECONSTRUCTION.
Kavin Andi*, Ahmed Tahomy, Jean-Pierre Jeannon, Mark Mcgurk, UK
- 09.35 0-0206 VIRTUAL SURGERY SIMULATION (V.S.S.) FOR ORBITAL RECONSTRUCTION
Giorgio Novelli*, Gabriele Tonellini, Fabio Mazzoleni, Davide Sozzi, Luca Ferrari, Alberto Bozzetti, Italy
- 09.42 0-0207 SIMOVI PROJECT : COUD WE ASSESS THE FACIAL MIMIC?
Stéphanie Dakpé*, Mohamed Boubaker, Lydie Edward, Cédric Brochart, Tuan Dao, Sylvie Testelin, Pierre Feissel, Frédéric Marin, Marie-Christine Hobatho, Bernard Devauchelle, France
- 09.49 Discussion
- 09.57 0-0208 3D—PHOTO SIMULATIONS OF POSTOPERATIVE RESULTS IN ORTHOGNATHIC SURGERY COMPARED TO REAL POSTOPERATIVE RESULTS.
Andrej Terzic*, Thomas Schouman, Paolo Scolozzi, Switzerland
- 10.04 0-0209 THREE-DIMENSIONAL ANALYSIS OF HEMIMANDIBULAR ELONGATION AND HYPERPLASIA
Philipp Metzler*, Wolfgang Zemann, Roman Guggenberger, Christine Jacobsen, Klaus W Grätz, Joachim A Obwegeser, Switzerland
- 10.11 0-0210 TREATMENT CONTROL DURING HELMET THERAPY
Jan-Falco Wilbrand, Kerstin Schmidtberg*, Martina Wilbrand, Joern Pons-Kuehnemann, Uta Bierther, Philipp Streckbein, Hans-Peter Howaldt, Germany

- 10.18 0-0211 **DIGITAL VOLUME TOMOGRAPHY: INCIDENCES AND KNOWLEDGE OF DENTISTS IN GERMANY AND SWITZERLAND**
B.-I. Berg*, A. Gertsch, K. Schwenzer-Zimmerer, H.-F. Zeilhofer, S. Hassfeld, P. Jürgens, Switzerland
- 10.25 0-0212 **OPTIMIZING PARAMETERS OF MAGNETIC-RESONANCE-IMAGING (MRI) DATA FOR VISUALIZATION OF DENTAL AND MAXILLO-MANDIBULAR STRUCTURES BY 3T-MRI**
Tomislav Zrnc*, Alexandre Assaf, Marco Blessmann, Reinhard Friedrich, Christian Habermann, Jens Fiehler, Max Heiland, Jan Sedlacik, Germany
- 10.32 0-0213 **SHAPE AND FORM VARIABILITY OF THE MANDIBLE INVESTIGATED ON THE BASES OF A STATISTICAL MODEL.**
Frank Wilde*, Lukas Kamer, Verena Schonter, Hans-Rudi Noser, Alexander Schramm, Germany
- 10.39 0-0214 **VALIDATION OF A NOVEL APPROACH FOR 3D RENDERING OF CONDYLES BASED ON 3D REGION GROWING ALGORITHM USING CONE-BEAM COMPUTER TOMOGRAPHY DATA**
Tong Xi*, Wout Heerink, Bram Van Loon, Luc Verhamme, Stefan Bergé, Thomas Maal, Netherlands
- 10.46 0-0215 **SURGICAL DECORTICATION IN CHRONIC OSTEOMYELITIS BASED ON 18F-NAF-PET/CT IMAGE FUSION**
Matthias Feichtinger*, Mauro Pau, Knut Ernst Reinbacher, Christian Gstettner, Reingard-Maria Aigner, Hans Kaercher, Austria
- 10.51 Discussion
- 11.00 — 11.30 **Coffee break – Exhibition Visit**

Room Elafiti 1-4

- 11.30 — 12.15 **Keynote lecture Ivo Banac, Croatia**
DUBROVNIK CITY-STATE: HISTORY, CULTURE, MEDICINE
Introduction by Mišo Virag

Room Elafiti 1-4

- 12.15 — 13.00 **Special session: Julio Acero**
A TRIBUTE TO JOHN LOWRY
Luigi Clauser, Karsten Gundlach, Valerie Lowry, Michelle Lowry Bates, Maire Morton, Henri Thuau, Miso Virag, John Williams
- 13.00 — 14.00 **Lunch break**

Room Elafiti 1

- 14.00 — 16.00 **Meeting with Guest Society**
American Society of Maxillofacial Surgeons
ORBITAL TRAUMA AND RECONSTRUCTION
Moderator: Waren Schubert, USA
- ANATOMICAL STUDIES THAT IMPACT OUR TREATMENT**
Warren Schubert, USA
- EVIDENCE BASED MANAGEMENT OF ORBITAL INJURIES**
Michael Grant, USA
- PEDIATRIC ORBITAL TRAUMA**
Larry Hollier, USA
- MICROVASCULAR PERIOBITAL RECONSTRUCTION**
Eduardo Rodriguez, USA
- Discussion

Room Elafiti 2

- 14.00 — 14.50 **Key-note lecture: Henri Kawamoto, USA**
LEARNING FROM THE MASTERS
Introduction by Luigi C. Clauser, Italy
- Session 3.**
- 14.50 — 16.00 **HISTORY OF CRANIO-MAXILLO-FACIAL SURGERY**
Chairmen: Clauser L.C. (Italy), Consorti G. (Italy), Niels Pausch (Germany)
- 14.50 0-0301 **PAUL TESSIER'S LEGACY**
Luigi Clauser*, Henry Kawamoto, Anthony Wolfe, Italy, USA
- 15.00 0-0302 **I WAS REFERRED TO PAUL TESSIER'S OFFICE IN 1957...**
Benjamin Guichard*, Julien Davrou, Ludovic Arzul, Aline Berners, Bernard Devauchelle, France
- 15.08 0-0303 **REFERENCES TO HEAD AND NECK SURGERY, ANATOMY AND PATHOLOGY IN THE WORKS OF GALEN OF PERGAMON**
Andras Ezsias*, Agnes Sima, UK
- 15.16 0-0304 **CRANIO-MAXILLOFACIAL SURGERY IN BYZANTIUM**
Anastasios Mylonas*, Eleftheria-Fotini Poulakou-Rebelakou, Georgios Androustos, Evangelia Papadopoulou, Greece
- 15.24 0-0305 **FACIAL CHANGES OF LOUIS XIV – AN ANALYSIS OF THE ARTWORKS FROM THE SEVENTEENTH CENTURY.**
Niels Pausch*, Alexander Hemprich, Kittipong Dhanuthai, Poramate Pitak-Arnnop, Germany

15.32 0-0306 **THE HISTORY OF ORTHOGNATHIC SURGERY: AN OVERVIEW**
Giuseppe Consorti*, Luigi C. Clauser, Italy

15.40 0-0307 **THE CHANGING FACE OF ORAL AND MAXILLOFACIAL SURGERY IN AUSTRALIA**
Alexander Bobinskas*, Nathan Vujcich, Alf Nastri, Alastair Goss, Australia

15.48 Discussion

Room Elafiti 3

14.00 — 16.00 **SESSION 4.**

ORTHOGNATHIC SURGERY I

Chairmen: Schubert W. (USA), Fan K. (UK), Wanyura H. (Poland)

14.00 0-0401 **ATTRACTIVENESS OF FACIAL PROFILES IN RELATION TO NORMAL VALUES OF DIFFERENT ANALYZING METHODS**
Susanne Kluba*, Dirk Güllicher, Philipp Kocher, Michael Krimmel, Siegmund Reinert, Germany

14.08 0-0402 **GOLDEN PROPORTION IN TREATMENT OF THE PATIENTS WITH DENTOFACIAL DEFORMITY**
Marcin Maciejak, Hubert Wanyura*, Zygmunt Stopa, Dorota Maciejak, Poland

14.16 0-0403 **DIGITAL MANAGEMENT OF FACIAL MIDLINES IN ORTHOGNATHIC SURGERY**
Giacomo De Riu*, Damiano Soma, Andrea Corda, Silvio Meloni, Antonio Tullio, Italy

14.24 0-0404 **ORTHOGNATHIC SURGERY BETWEEN ESTHETICS AND FUNCTIONALITY RESULTS**
Simion Bran*, Mihaela Baciut, Grigore Baciut, Ileana Mitre, Horatiu Rotaru, Ioan Barbur, Cristian Dinu, Ioan Moldovan, Romania

14.32 0-0405 **WHEN ORTHODONTICS MAKES SURGERY ALMOST IMPOSSIBLE: HOW TO SOLVE THE CASE IN ACCEPTABLE TIME?**
Franco Carlino*, Italy

14.40 0-0406 **ASSOCIATION BETWEEN SKELETAL BASED MALOCCLUSION AND PROGRESSION TO ORTHOGNATHIC SURGERY**
Helen Katsarelis*, Francisca Wong, Paul Sharma, Elizabeth O'higgins, Kathleen Fan, UK

14.48 0-0407 **THE ARTICULATORY EVALUATION BEFORE AND AFTER SURGICAL CORRECTION OF SKELETAL MANDIBULAR PROGNATHISM USING ELECTROPALATOGRAPHY (EPG): A PRELIMINARY REPORT**
Motoki Katsube*, Kenji Kusumoto, Yasuko Shirasawa, Toshihito Mitsui, Masanobu Yoshihara, Kengo Nakajima, Taku Yamamoto, Ichiro Yamamoto, Japan

14.56 Discussion

15.04 0-0408 **IMAGE-GUIDED POSITIONING OF THE MAXILLA DURING MAXILLOMANDIBULAR ORTHOGNATHIC SURGERY**
Mourad Benassarou*, Aassif Benassarou, Philippe Bonnot, Aurélie Curlier, Brice Chatelain, Christophe Meyer, France

15.12 0-0409 **3D EVALUATION OF BSSO AND LE FORT I OSTEOTOMIES USING BONESCALPEL ULTRASONIC OSTEOTOME WITH A NOVEL 30 MM STRAIGHT BLADE**
Sophie Dammous*, Roland Gilles, Thierry Couvreur, Belgium

15.20 0-0410 **NAVIGATION ASSISTED MAXILLARY POSITIONING OF LEFORT I OSTEOTOMY IN ORTHOGNATHIC SURGERY**
Jalbert Florian*, Nadon Florian, Gil Cano Daniel, Swider Pascal, Boutault Franck, Lopez Raphael, Lauwers Federic, France

15.28 0-0411 **PREDICTABILITY OF AUTOROTATION OF THE MANDIBLE AFTER LE FORT I MAXILLARY IMPACTION IN CASES OF VERTICAL MAXILLARY EXCESS**
Danielle Blinder*, Oren Peleg, Navot Givol, Ilanit Dabush, Shlomo Taicher, Israel

15.36 0-0412 **RECOVERY OF MAXILLARY TEETH SENSIBILITY AFTER LE FORT I OSTEOTOMY**
Bonnot Philippe*, Salles François, Cheynet François, Blanc Jean-Louis, Ricbourg Bernard, Meyer Christophe, France

15.44 0-0413 **EFFECTS OF LE FORT I ADVANCEMENT ON UPPER LIP, NASAL SOFT TISSUES AND MAXILLARY INCISOR EXPOSURE WITH SIMPLE CLOSURE OR SOFT TISSUE MANIPULATION (CINCH SUTURES/VY CLOSURES).**
Leila Khamashta-Ledezma*, Fraser Mcdonald, Farhad B. Naini, UK

15.52 Discussion

Room Elafiti 4

14.00 — 16.00 **PANEL ON RESEARCH**
Sylvie Testelin (France), Jorg Wiltfang (Germany), Daniel Hrusak (Czech Republic), Hans Florian Zeilhofer (Switzerland), Reiner Schmelzeisen (Germany), Adrian Sugar (UK), Stephen Feinberg (USA)

16.00 — 16.30 **Coffee break – Exhibition Visit**

Room Elafiti 1

16.30 —
18.00 **Meeting with Guest Society**
AMERICAN ACADEMY OF FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY
RHINOPLASTY

NASAL VALVE RECONSTRUCTION
Ira Papel

AN ANALYSIS OF C-RING DYNAMICS: IMPLICATIONS OF LOWER LATERAL CARTILAGE TREATMENT
James Ridgway

EFFECTIVE MANAGEMENT OF THE THICK SKINNED RHINOPLASTY PATIENT

Ira Papel

CAUDAL EXTENSION GRAFT AND TONGUE-IN-GROOVE TECHNIQUES FOR TIP CONTROL

James Ridgway

Room Elafiti 2

16.30 — 18.00 **Session 5.**

OMFS EDUCATION & STRATEGIES

Chairmen: Thuau H. (UK), Acero J.S. (Spain), Ezsias A. (UK)

16.30 0-0501 **EACMFS EDUCATION PROGRAMS**

Julio Acero Sanz (Spain)

16.40 0-0502 **EUROPEAN LAW FOR THE EUROPEAN MAXILLOFACIAL SURGEONS III**

Andras Ezsias*, UK

16.50 0-0503 **FACEMAP-UK: THE NATIONAL FACE OF ORAL & MAXILLOFACIAL SURGERY**

M. Abu-Serriah*, D. Dhariwal, UK

17.00 0-0504 **ORAL AND MAXILLOFACIAL CLINICAL FELLOWS: THE UK MODEL**

Rory O'Connor*, Rishi Bhandari, Simon Whitley, UK

17.10 Discussion

17.20 0-0505 **ASSESSMENT OF ONLINE VISIBILITY OF THE BRITISH ASSOCIATION OF ORAL AND MAXILLOFACIAL SURGEONS**

M. Abu-Serriah*, R. Banks, D. Dhariwal, UK

17.30 0-0506 **AN AUDIT OF THE DOCUMENTATION STANDARD ON THE WRITTEN OMFS HANDOVER**

Daanesh Zakai*, Ambika Chadha, Manolis Heliotis, UK

17.40 0-0507 **QUALITY AND QUANTITY OF ICDIO CODES REPRESENTATION FOR ORAL AND MAXILLOFACIAL DISEASES**

Naranda Aljinović Ratković*, Croatia

17.48 Discussion

Room Elafiti 3

16.30 — 18.00 **Session 6.**

ORTHOGNATHIC SURGERY II

Chairmen: Bill J. (Germany), Kawamoto H. (USA), Ihan Hren N. (Slovenia)

16.30 0-0601 **MANDIBULAR LATEROGNATHIA: A DIAGNOSIS LEADING TO SURGICAL DISASTERS.**

Henry Kawamoto, USA

16.45 0-0602 **TACTICAL FEATURES OF SURGICAL TREATMENT FOR PATIENTS WITH II CLASS OF MALOCCLUSION.**

Alexey Drobyshev, Konstantin Kurakin*, Nailya Drobysheva, Ekaterina Merzhvinskaya, Alexander Glushko, Ekaterina Lonskaya, Russian Federation

16.53 0-0603 **PERIORAL SOFT TISSUE MOVEMENT IN UPPER JAW SURGERY**

Maarten Van Genechten*, Geert Van Hemelen, Elric Verbruggen, Marc Cos, Joel Defrancq, Nasser Nadjmi, Lieven Renier, Jan Van De Perre, Bruno Vanassche, Herman Sr. Vercruyse, Belgium

17.01 0-0604 **SOFT TISSUE CHANGES AFTER ORTHODONTIC-SURGICAL CORRECTION OF JAWS ASYMMETRY EVALUATED BY 3D SURFACE LASER SCANNER**

Francesca Antonella Bianchi*, Guglielmo A. Ramieri, Giovanni Gerbino, Laura Verzè, Italy

17.09 0-0605 **AN ANALYSIS OF THE BILATERAL SAGITTAL SPLIT OSTEOTOMY — DETERMINATION OF CRITERIA FOR AMBULATORY SURGERY AND REVIEW OF POTENTIAL BARRIERS**

Trina Gudelot, Lee Mcfaden, Reda Elgazzar*, Canada

17.17 0-0606 **COMPLICATIONS IN ORTHOGNATHIC SURGERY: A PRESENTATION OF THREE CASES AND A REVIEW OF THE LITERATURE**

Javier Gutiérrez*, Juan Antonio Hueto, Spain

17.25 0-0607 **SURGICAL STEPS IN COMPLEX ORTHOGNATHIC TREATMENT OF PATIENTS WITH MANDIBULAR ASYMMETRIES ACCOMPANIED BY UNILATERAL CONDYLAR HYPERACTIVITY.**

Evgeny Sviridov*, Alexey Drobyshev, Nailya Drobysheva, Timur Dibirov, Igor Klipa, Konstantin Kurakin, Russian Federation

17.33 0-0608 **IMPACT OF THE MANDIBULAR DIVERGENCE ON THE POSITION OF THE INFERIOR ALVEOLAR NERVE AND MYLOHYOID NERVE: A COMPUTED TOMOGRAPHY STUDY AND ITS RELEVANCE TO BILATERAL SAGITTAL SPLIT OSTEOTOMY.**

Oliver Oth*, Stéphane Louryan, Serge Van Sint Jan, Cyrille A. Voisin, Marcel Rooze, Régine Glineur, Belgium

17.41 0-0609 **THE RELIABILITY OF A SURGERY-FIRST ORTHOGNATHIC APPROACH WITHOUT PRESURGICAL ORTHODONTIC TREATMENT FOR SKELETAL CLASS III DENTOFACIAL DEFORMITY**

Jongwoo Choi*, Kyung S Koh, Republic of Korea

17.49 Discussion

Room Elafiti 4

16.30 — 17.15 **Session 7.**

RHINOPLASTY & NOSE RECONSTRUCTION

Chairmen: Jackson I. (USA), Rodriguez E. (USA)

16.30 0-0701 **AUGMENTATION RHINOPLASTY**

Monia Omezzine Frikha*, Manel Hachana, Ramzi Moatamri, Habib Khochtali, Tunisia

16.38 0-0702 **FEATURES OF THE RHINOPLASTY PLANNING IN ORTHOGNATHIC SURGERY.**

Alexander Glushko, Alexey Drobyshev, Leonid Pavluk-Pavluchenko, Konstantin Kurakin*, Kate Lonskaya, Russian Federation

- 16.46 0-0703 **RHINOPLASTY USING FREE SKIN GRAFT AFTER RHINOPHYMA ELIMINATION**
Ilya Khomich*, Stanislau Khomich, Belarus
- 16.54 0-0704 **POSTRHINOPLASTY MUCOUS CYST: WHAT ARE RISK FACTORS?**
Niels Pausch, Jörg Hendricks *, Alexander Hemprich, Kittipong Dhanuthai, Poramate Pitak-Arnnop, Germany
- 17.02 0-0705 **TOTAL NASAL RECONSTRUCTION WITH OR WITHOUT SKELETAL SUPPORT: OUR PROTOCOL.**
Giacomo Colletti, Valeria Colombo *, Davide Valassina, Valeria Battista, Dimitri Rabbiosi, Luca Autelitano, Federico Biglioli, Italy
- 17.10 Discussion

Room Elafiti 4

- 17.20 — 18.00 **Keynote lecture Ian Jackson, USA**
TREATMENT OF VASCULAR MALFORMATIONS
Introduction by Daniel Hrusali, Czech Republic
- 20.30 **OPENING CEREMONY**
- 22.00 **PRESIDENTIAL RECEPTION**

WEDNESDAY, SEPTEMBER 12TH**MASTERCLASSES****Room Olipa 1, Hotel President**

- 07.15 — 8.30 **ARTHROSCOPY OF THE TEMPOROMANDIBULAR JOINT: FROM BASIS TO ADVANCED**
Speaker: Rafael Martin Granizo, Spain

Room Olipa 2, Hotel President

- 07.15 — 8.30 **FIBULA FLAP FOR MANDIBULAR RECONSTRUCTION – HOW WE DO IT**
Speaker: Zhigang Cai, China

Room Olipa 3, Hotel President

- 07.15 — 8.30 **REAL TIME IMAGE GUIDED NAVIGATION IN MAXILLOFACIAL SURGERY**
Speaker: Wolfram Kaduk, Germany

Room Tajan, Hotel President

- 07.15 — 8.30 **DIFFERENTIAL DIAGNOSIS AND MANAGEMENT OF OBSTRUCTIVE SLEEP APNEA BY SKELETAL SURGERY**
Speaker: Reha Kisinisci, Turkey

Room Ruda, Hotel President

- 07.15 — 8.30 **BROW LIFT: CONCEPTS, PEARLS AND TECHNIQUES**
Speaker: James Ridgway, USA

Room Elafiti 1 – 2

- 08.30 — 11.00 **PANEL**
CRANIOMAXILLOFACIAL DISTRACTION OSTEOGENESIS 25 YEARS LATER: CURRENT CONCEPTS & FUTURE DIRECTIONS
A QUARTER OF A CENTURY IN CRANIOMAXILLOFACIAL DISTRACTION OSTEOGENESIS – WHERE ARE WE NOW; WHERE ARE WE GOING?
Manlio Galliè, Italy
MIDFACE DISTRACTION: AN OVERVIEW
Joseph McCarthy, USA
DISTRACTION OR ORTHOGNATHIC FOR CLEFT PALATE DEFORMITIES - WHICH IS BETTER?
Lim K Cheung, Hong Kong
EARLY DISTRACTION IN HEMIFACIAL MICROSOMIA: YES OR NO?
Anne Marie Kuijpers-Jagtman, Netherlands
3-D MANDIBULAR AUGMENTATION VIA INTRAORAL DISTRACTION OSTEOGENESIS
Cesar A. Guerrero, Venezuela

**HOW DISTRACTION HAS CHANGED
ORTHOGNATHIC SURGERY**

Konrad Wangerin, Germany

**FROM THE INTERCEPTIVE DISTRACTION
IN CHILDREN TO THE DYNAMIC
ORTHOGNATHIC SURGICAL PROCEDURE BY
DISTRACTION IN PATIENTS AFTER PUBERTY**

Patrick Diner, France

Room Elafiti 3

Session 8.

09.00 — 11.00 SURGICAL HEAD AND NECK ONCOLOGY I

Chairmen: Shah J.(USA), Brown J.(UK), Kolk A.(Germany)

**09.00 0-0801 SURVIVAL MODEL IN ORAL SQUAMOUS
CELL CARCINOMA BASED ON
CLINICOPATHOLOGICAL PARAMETERS,
MOLECULAR MARKERS AND SUPPORT
VECTOR MACHINES**

Pablo Rosado*, Juan Carlos De Vicente, Lucas De Villalín, Paloma Lequerica, Fernando Sanchez, Spain

**09.07 0-0802 I-ONCOLOGY- A WEB BASED DATABASE TOOL
FOR RECORDING COMPLICATIONS AND
OUTCOMES IN HEAD & NECK ONCOLOGY**

Rahul Jayaram*, Leandros Vassiliou, Kavin Andi, Mark Mcgurk, UK

09.14 0-0803 CANCER SURVIVAL RATE IN SLOVENIA

Andrej Kansky*, Tadej Dovsak, Andreja Eberlinc, Aleš Vesnaver, Vojko Didanovič, Slovenia

**09.21 0-0804 CLINICOPATHOLOGICAL PARAMETERS AND
OUTCOME OF 500 PATIENTS OPERATED FOR
ORAL SQUAMOUS CELL CARCINOMA AND
STUDY OF SEVERAL BIOMARKERS IN THE
DEVELOPMENT OF NODAL METASTASES**

Paolo Garzino-Demo*, Paolo Tosco, Emanuele Zavattero, Giulia Tanteri, Francesca Antonella Bianchi, Guglielmo Ramieri, Sid Berrone, Italy

**09.28 0-0805 RISK STRATIFICATION AND PREDICTION OF
LOCOREGIONAL RECURRENCE IN PATIENTS AF-
FECTED BY ORAL SQUAMOUS CELL CARCINOMA
(OSCC): THE NEOMARK PROJECT RESULTS**

Tito Poli, Davide Lanfranco*, Chiara Copelli, Enrico Maria Silini, Roberto Perris, Diego Ardigò, Nicoletta Bertani, Eleonora Derlindati, Cinzia Azzoni, Enrico Sesenna, Italy

**09.35 0-0806 INTRA-ORAL MAXILLARY SCC TUMOURS,
THE NORFOLK AND WAVERNEY EXPERIENCE.**

Jerome Philip*, Richard James, UK

**09.42 0-0807 INCIDENCE OF CHEST METASTASES IN
HEAD AND NECK CANCER PATIENTS: IS CT
NECESSARY WITH ALL PATIENTS?**

Arti Hindocha*, Philip Ameerally, Leone Mccarthy, UK

09.49 Discussion

**10.00 0-0808 SKULL BASE AND OROFACIAL FINDINGS
ASSOCIATED WITH NUMB CHIN SYNDROME
(NCS). A RARE AND OFTEN UNRECOGNIZED
FINDING CAUSED BY SEVERE DISEASES**

Alexandre Thomas Assaf*, Tim P. Jürgens, Andreas W. Benecke, Björn Riecke, Tomislav Ante Zrnec, Max Heiland, Reinhard E. Friedrich, Germany

**10.07 0-0809 CONCORDANCE BETWEEN THE SCC STAGES
DETERMINED BY CT, MRI AND PET WITH
THE REAL STAGE OBTAINED AFTER
HISTOLOGICAL FINDINGS**

Alejandro Encinas Bascones*, Manuel De Pedro, Alejandrina Millón, Blanca Núñez, Eulalia Fernández, Almudena Alonso, Alberto Berguer, Spain

**10.14 0-0810 DIAGNOSTIC VALUE OF MAGNETIC
RESONANCE IMAGING IN TONGUE CANCER:
CORRELATION OF PATHOLOGICAL TUMOUR
THICKNESS AND RADIOLOGICAL TUMOUR
THICKNESS.**

Carolina Sánchez Navarro*, Almudena Pérez Lara, Ana Isabel De Hita Santabaya, Alfonso Daura Sáez, Rafael Ruiz Cruces, Maria Dolores Bautista Ojeda, Antonio Valiente Álvarez, Lucas Bermudo Añino, Spain

**10.21 0-0811 VIRTUAL 3D TUMOR MARKING -
INTRAOPERATIVE COORDINATE MAPPING
IMPROVE POST-OPERATIVE RADIOTHERAPY**

Harald Essig*, Majeed Rana, Martin Rücker, André Eckardt, Nils-Claudius Gellrich, Germany

**10.28 0-0812 COMBINED SPECT/CT IMPROVES DETECTION
OF INITIAL BONE INVASION AND
DETERMINATION OF RESECTION MARGINS
IN ORAL SQUAMOUS CELL CARCINOMA
COMPARED TO CONVENTIONAL IMAGING
MODALITIES**

Andreas Kolk*, Anat Chlebowski, Klemens Scheidhauer K, Klaus-Dietrich Wolff, K-D, Markus Schweiger, Marco Kesting, Julia Dinges, Jochen Weitz, Germany

**10.35 0-0813 THE VALUE OF CONE BEAM CT IN THE
EVALUATION OF MANDIBULAR INVASION BY
SQUAMOUS CELL CARCINOMA.**

Henning Wieker*, Markus Ofer, Hans-Christian Jacobsen, Peter Sieg, Samer George Hakim, Germany

**10.42 0-0814 ADVANCES AND INNOVATIONS IN
COMPUTER-ASSISTED HEAD AND NECK
ONCOLOGIC SURGERY**

Majeed Rana*, Harald Essig, André M. Eckardt, Martin Ruecker, Nils-Claudius Gellrich, Germany

10.49 Discussion

Room Elafiti 4

09.00 — 11.00 Session 9.

CRANIO-MAXILLO-FACIAL TRAUMATOLOGY I

Chairmen: Gruss J (USA), Klaus W. G. (Switzerland), Aljinović Ratković N. (Croatia)

**09.00 0-0901 ZYGOMATICOMAXILLARY COMPLEX
FRACTURES AND THEIR ASSOCIATION
WITH IPSILATERAL HEMI-NASO-ORBITAL-
ETHMOIDAL FRACTURES: A 5 YEAR REVIEW**

Joseph Gruss*, Edward P. Buchanan, Austin Hayes, Daniel Suver, Richard A. Hopper, Craig Birgfeld, United States

- 09.14 0-0902 **FINITE ELEMENT ANALYSIS OF EXTERNAL LOADS RESULTING IN FRONTO-ORBITONASAL FRACTURES**
Hubert Wanyura, Artur Kamiński*, Zygmunt Stopa, Poland
- 09.21 0-0903 **PTERYGOID PROCESS FRACTURE ASSOCIATED WITH MAXILLARY TRANSVERSE FRACTURE: CLASSIFICATION AND CHARACTERISTICS**
Jingang An*, Fanfan Dai, Zhipeng Sun, Yi Zhang, China
- 09.28 0-0904 **LESS INVASIVE ACCESS THROUGH SOFT TISSUE IN TREATMENT OF FRONTAL SINUS FRACTURES - RATE OF COMPLICATION**
Zoran Pestic*, Ivana Djokic, Nebojsa Stojanovic, Milos Trajkovic, Serbia
- 09.35 0-0905 **LONG-TERM COMPLICATIONS WITH CALCIUM PHOSPHATE BONE CEMENT IN FRONTAL SINUS OBLITERATION**
Ana Otero-Rico*, Ramón Luaces-Rey, María Pombo-Castro, Álvaro García-Rozado, Javier Collado-López, Jose Luis López-Cedrún, Spain
- 09.42 0-0906 **A MODIFIED TRANSVERSE TEMPORALIS-MUSCLE-SHORT FLAP FOR FRONTO- BASAL APPLICATIONS**
Jeannette Astrid Von Jackowski*, Klaus W Grätz, Dilek Köniü, Marius Gustav Bredell, Switzerland
- 09.49 Discussion
- 10.00 0-0907 **HOW TO CLASSIFY A FACIAL FRACTURE?**
Naranda Aljinović Ratković*, Croatia
- 10.07 0-0908 **ANATOMICAL REPLICA FOR A NEW ALGORITHM IN DECISIONS FLOW FOR MAXILLOFACIAL TRAUMA.**
Laganà Francesco*, Combi Valeria, D'orto Ornella, Baj Alessandro, Gianni Aldo Bruno, Italy
- 10.14 0-0909 **EARLY MANAGEMENT OF GUNSHOT INJURIES DURING LIBYAN LOCAL WAR**
Salaheddin Kurdi*, Fathi Alshames, Hana Ishteba, Libyan Arab Jamahiriya
- 10.21 0-0910 **THE ORAL & MAXILLOFACIAL EARTHQUAKE EXPERIENCE AT CHRISTCHURCH HOSPITAL**
Leon Steenberg*, New Zealand
- 10.28 0-0911 **RETURN-TO-PLAY GUIDELINES FOLLOWING FACIAL FRACTURES**
Christopher Fowell*, Phillip Earl, UK
- 10.35 0-0912 **A CASE OF CRANIO-MAXILLO-FACIAL TRAUMATHIC SEQUELAE TREATED WITH FIBULA FREE FLAP AND OZONE THERAPY**
Flavia Maria Graziana Fatone*, Orlando Cipriani, Piero Papi, Giulia Amodeo, Domenico Scopelliti, Italy
- 10.42 0-0913 **MANAGING PENETRATING NECK INJURIES – THE KINGS' EXPERIENCE**
Nabeela Ahmed*, Kavut Amin, Tristan Madden, Kathleen Fan, UK
- 10.49 Discussion
- 11.00 — 11.30 **Coffee break – Exhibition Visit**

Room Elafiti 1 – 2

- 11.30 — 12.15 **Keynote lecture: Jatin P. Shah, USA**
THE CHANGING NATURE OF SURGERY AND THE ROLE OF THE SURGEON IN MULTIDISCIPLINARY TREATMENT OF HEAD AND NECK CANCER
Introduction by Mišo Virag
- 12.15 — 13.00 **Keynote lecture: James Brown, UK**
THE MANAGEMENT OF SQUAMOUS CELL CARCINOMA OF THE ORAL MAXILLA AND MAXILLARY SINUS
Introduction by Vedran Uglešić

Room Elafiti 3

- 11.30 — 13.00 **Session 10.**
PREPROSTHETIC SURGERY AND IMPLANTOLOGY I
Chairmen: Jürgens P.(Switzerland), Krenkel C. (Austria), Cerović R.(Croatia)
- 11.30 0-1001 **NEW BONE FORMATION AROUND APEX OF DENTAL IMPLANTS WITH SINUS MEMBRANE ELEVATION**
Nuray Yilmaz Altintas, Saadettin Kayipmaz, Fatih Taskesen*, Emre Tosun, Yavuz Tolga Korkmaz, Zeynep Gumrukcu, Ummugulsum Coskun, Turkey
- 11.37 0-1002 **COMPARISON OF NEW BONE DENSITY FOLLOWING SINUS MEMBRANE ELEVATION WITH AND WITHOUT GRAFT MATERIAL USING CONE BEAM CT**
Nuray Yilmaz Altintas*, Figen Cizmeci Senel, Saadettin Kayipmaz, Alper Pampu, Mustafa Cankaya, Cem Ungor, Ezher Hamza Dayisoylu, Turkey
- 11.44 0-1003 **INTRA-ORAL BONE GRAFTING OF ALVEOLAR DEFECTS USING AUTOGENOUS SCRAPED BONE AND INVIVO BONE REGENERATION TECHNIQUES**
Rishi Bhandari*, Nayeem Ali, Gary Pollock, UK
- 11.51 0-1004 **EIGHT YEARS FOLLOW-UP, FOR VERTICAL AUGMENTATION WITH ALVEOLAR INTERPOSITIONAL BONE GRAFTS IN THE MANDIBULAR AND MAXILLARY REGION: CLINICAL RESULTS**
Raffaele Sacco*, Paolo Cappare, Diego Rossi, Antonio Russillo, Alessandro Bolzoni, Aldo Bruno Gianni, Italy
- 11.58 0-1005 **THE USE OF FREE FAT TISSUE GRAFT TO ENHANCE PRIMARY SOFT TISSUE CLOSURE AND TO IMPROVE RIDGE CONTOUR DURING SOCKET PRESERVATION AT THE EXTRACTION SITE**
Fares Kablan*, Israel
- 12.12 0-1006 **WHEN BONE SUPPORT SHOULD BE PREFERRED OVER MUCOSA SUPPORT. ALGORITHM BASED ON THE ANALYSIS OF 238 GUIDES FOR IMPLANTATION.**
Anton Gerasimov*, Andrey Yaremenko, Russian Federation

- 12.12 0-1007 PERI-IMPLANT BONE CHANGES FOLLOWING TOOTH EXTRACTION, IMMEDIATE PLACEMENT AND LOADING OF IMPLANTS IN THE MAXILLA
Johan Abeloos*, Lieven Barbier, Calix De Clercq, Reinhilde Jacobs, Belgium
- 12.19 0-1008 MANAGEMENT OF INFLAMMATORY PERIAPICAL LESIONS AROUND DENTAL IMPLANTS (A CLINICAL STUDY)
Mohammed Elsholkamy*, Egypt
- 12.26 0-1009 DISTRACTION OSTEOGENESIS BY ENDODISTRACTION – A BIOLOGICAL CONCEPT FOR FULL REGENERATION OF THE ALVEOLAR RIDGE
Christian Krenkel*, Austria
- 12.33 0-1010 CLINICAL AND HISTOLOGICAL EVALUATION OF CALVARIAL SPLIT BONE GRAFTS FOR ALVEOLAR RECONSTRUCTION PRIOR TO DENTAL IMPLANT PLACEMENT
Wenko Smolka *
- 12.40 0-1010 USE OF TISSUEPATCH SEALANT FILM IN MAXILLOFACIAL, HEAD AND NECK SURGERY
Catherine Lau*, Rishi Bhandari, Enamul Ali, Rifat Qureshi, Leo Cheng, UK
- 12.47 Discussion

Room Elafiti 4

- 11.30 — 13.00 **Session 11.**
ORTHOGNATHIC SURGERY III
Chairmen: Al-Nawas B. (Germany), Konstantinovic V. (Serbia), Shimada J. (Japan)
- 11.30 0-1101 ANGULAR DIFFERENCE BETWEEN MAXILLARY OCCLUSAL PLANE AND MANDIBULAR PLANE AS AN ETIOLOGICAL FACTOR FOR POSTOPERATIVE RELAPSE IN MANDIBULAR PROGNATHISM
Soon Jung Hwang*, Hoon Joo Yang, Jung Jun Han, Republic of Korea
- 11.38 0-1102 CHANGE OF CONDYLAR POSITION IN POSTERIOR BENDING OSTEOTOMY TO MINIMIZE CONDYLAR TORQUE IN BSSRO OF FACIAL ASYMMETRY : COMPARISON WITH GRINDING METHOD
Hoon Joo Yang*, Soon Jung Hwang, Republic of Korea
- 11.46 0-1103 ORTHOGNATHIC SURGERY ON JEHOVAH'S WITNESS: WHAT ARE OUR OPTIONS?
Catherine Lau*, Nayeem Ali, UK
- 11.54 0-1104 MODIFICATION OF AIRWAYS ANATOMY AFTER ORTHOGNATHIC SURGERY: VOLUMETRIC , AREAL AND LINEAR STUDY WITH CONE BEAM CT
Lorenzo Trevisiol , Antonio D'Agostino*, Francesca Terranova, Alessandra Invento, Pier Francesco Nocini, Italy
- 12.04 0-1105 ANALYSIS OF FACIAL NERVE PALSY AFTER ORTHOGNATHIC SURGERY
Yuhji Kabasawa*, Masaru Sato, Tsuyoshi Kikuchi, Yuriko Sato, Namiaki Takahara, Yoshihiko Matsushita, Atsushi Kimura, Ken Omura, Japan

- 12.12 0-1106 INFLUENCE OF SURGICAL EXPERIENCE ON COMPLICATIONS AFTER ORTHOGNATHIC SURGERY IN THE MANDIBLE
Bilal Al-Nawas*, Susanne Wriedt, C. Hoffmann, Wilfried Wagner, Germany
- 12.20 0-1107 PIEZOSURGERY: CLINICAL FINDINGS IN ORTHOGNATHIC SURGERY
Paolo Biondi*, Fabio Meneghini, Elisabetta Sarti, Stefano Stea, Italy
- 12.28 0-1108 ANTERIOR SEGMENTAL OSTEOTOMY WITH PIEZOELECTRIC DEVICE THROUGH A VERTICAL MUCOSAL INCISION ONLY IN THE PREMOLAR AREA
Jun Shimada*, Japan
- 12.36 0-1109 ANCILLARY SURGICAL TECHNIQUES TO ACCELERATE ORTHODONTIC TREATMENT IN THE MANDIBLE IN PREPARATION FOR ORTHOGNATHIC SURGERY
Luca Ferrari, Fabio Mazzoleni*, Maria Costanza Meazzini, Giorgio Novelli, Alberto Bozzetti, Italy
- 12.44 0-1110 DECOMPENSATION BY MESIALIZATION OF THE WHOLE LOWER DENTITION IN LOWER SPACING CASES
Un Bong Baik*, Joo-Wan Kang, Je Uk Park, Republic of Korea
- 12.52 Discussion

13.00 — 14.00 Lunch break**Room Elafiti 1**

- 14.00 — 16.00 **Session 12.**
OBSTRUCTIVE SLEEP APNEA
Chairmen: Kisinici R (Turkey), Kluba S. (Germany), Doff M. (Netherlands)
- 14.00 0-1201 ORAL APPLIANCE VERSUS CPAP IN OBSTRUCTIVE SLEEP APNOEA SYNDROME; A TWO-YEAR FOLLOW-UP
Michiel Doff*, Aarnoud Hoekema, Peter Wijkstra, Johannes Van De Hoeven, James Huddleston Slater, Lambert De Bont, Boudewijn Stegenga, Netherlands
- 14.08 0-1202 TREATMENT OF RESPIRATORY DISORDERS AT CHILDREN WITH PIERRE ROBIN SEQUENCE
Karachunskiy G. M.*, Nikitin A. A., Agaltsov M. V., Russian Federation
- 14.16 0-1203 OUR EXPERIENCE IN THE MANAGEMENT OF PIERRE ROBIN SEQUENCE
Vincenzo Calafati, Alessandro Silvestri, Valerio Ramieri*, Umberto Torre, Cascone Piero, Italy
- 14.24 0-1204 THREE-DIMENSIONAL ANALYSIS OF AIRWAY SPACE AND OF MANDIBULAR MORPHOLOGY IN PIERRE ROBIN SYNDROME WITH CONE BEAM COMPUTED TOMOGRAPHY: A PILOT STUDY.
Raphael Olszewski*, Timothée Dontaine, Decooman Sophie, Benedicte Bayet, Thierry Duprez, Hervé Reyckler, Belgium

- 14.32 0-1205 AN ORTHODONTIC-ORTHOGNATHIC CONCEPTUAL APPROACH TO OSAS SURGERY: OUR EXPERIENCE AND RESULTS**
 Francesco Laganà*, Paolo Cappare, Lorenzo Goglio, Ornella D'orto, Raffaele Sacco, Diego Rossi, Aldo Bruno Gianni, Italy
- 14.40 0-1206 IMPROVEMENT OF OBSTRUCTIVE SLEEP APNEA SYNDROME AFTER MIDFACE AND MONOBLOC DISTRACTION OSTEOGENESIS IN CHILDREN WITH SYNDROMIC CRANIOSYNOSTOSIS**
 Marta Redondo Alamillos, Ingrid Trujillo Ramos, Ana Isabel Romance García, Igancio García Recuero*, María Isabel Falguera Uceda, Carmen Luna Paredes, Gregorio Sánchez Aniceto, Spain
- 14.48** Discussion
- 15.00 0-1207 ONDINE'S SYNDROME: PROPOSAL OF PROTOCOL**
 Paolo Ronchi*, Andrea Di Francesco, Francesco Morandi, Antonio Cambiano, Alessandro Ambrosoli, Marco Gramegna, Irene Vanini, Italy
- 15.08 0-1208 MAXILLO-MANDIBULAR ADVANCEMENT FOR ADULT OBSTRUCTIVE SLEEP APNEA SYNDROME: INDICATIONS, TECHNIQUES AND RESULTS**
 Francesco Arcuri*, Mariangela Giarda, Matteo Nicolotti, Matteo Brucoli, Arnaldo Benech, Italy
- 15.16 0-1209 SURGICAL TREATMENT OF OBSTRUCTIVE SLEEP APNEA.**
 Rodolfo Asensio, Carlos Navarro Cuellar, Cristina Muela*, Santiago Ochandiano, Manuel Tousidonis, Carlos Navarro Cuellar, Spain
- 15.24 0-1210 SOFT TISSUE CHANGES AFTER MAXILLOMANDIBULAR ADVANCEMENT IN OSAS PATIENTS: A THREE-DIMENSIONAL STUDY.**
 Francesca Antonella Bianchi*, Giovanni Gerbino, Laura Verzè, Guglielmo A. Ramieri, Italy
- 15.32 0-1211 LE FORT I/II/III DISTRACTION OSTEOGENESIS USING TRANSPALATAL APPROACH FOR SYNDROMIC CRANIOSYNOSTOSIS**
 Katsuyuki Torikai*, Takeshi Kijima, Ryosuke Nagaoka, Takahiro Misawa, Toshihiko Fukawa, Japan
- 15.40 0-1212 DOES HELMET THERAPY INFLUENCE THE EAR-SHIFT IN POSITIONAL PLAGIOCEPHALY?**
 Susanne Kluba*, Robert Schreiber, Wiebke Kraut, Christoph Meisner, Siegmund Reinert, Michael Krimmel, Germany
- 15.48** Discussion
- Room Elafiti 2**
- 14.00 — 16.00 Session 13.**
- CLEFT SURGERY I**
 Chairmen: Krimmel M (Germany), Koželj V. (Slovenia), Scopelliti D. (Italy)
- 14.00 0-1301 LONG TERM MANDIBULAR EFFECTS OF MAXILLARY DISTRACTION OSTEOGENESIS IN CLEFT LIP AND PALATE**
 Jean-Charles Doucet, Christian Herlin, Michèle Bigorre, Gérard Subsol, Guillaume Captier*, Canada
- 14.08 0-1302 LONG-TERM FOLLOW-UP OF PATIENTS WITH UCLP/BCLP REGARDING SKELETAL RELATIONSHIP**
 Sonja Lux*, Peter Schachner, Christian Brandtner, Christian Rippel, Gertrude Danner, Alexander Gaggel, Austria
- 14.16 0-1303 MAXILLARY ADVANCEMENT BY TOOTH-BORNE DISTRACTOR IN CLEFT PALATE PATIENTS WHO SUFFERING FROM SEVERE NASAL SPEECH**
 Fereydoun Pourdanesh*, Rahman Showkatbakhsh, Abdolreza Jamilian, Islamic Republic of Iran
- 14.24 0-1304 MAXILLARY DISTRACTION OSTEOGENESIS IN CLEFT LIP AND PALATE PATIENTS**
 Sven Erik Nørholt*, Thomas Klit Pedersen, Annelise Kuseler, John Jensen, Denmark
- 14.32 0-1305 3D STEREOPHOTOGAMMETRIC ANALYSIS OF LIP AND NASAL SYMMETRY AFTER PRIMARY CHEILOSEPTOPLASTY IN COMPLETE UNILATERAL CLEFT LIP REPAIR**
 Bram Van Loon*, Srinivas Reddy, Niels Van Heerbeek, Koen Ingels, Thomas Maal, Wilfred Borstlap, Rajgopal Reddy, Anne-Marie Kuijpers-Jagtman, Stefaan Berge, Netherlands
- 14.40 0-1306 SAGITTAL MAXILLARY GROWTH IN UNILATERAL CLEFT LIP AND PALATE PATIENTS FOLLOWING FUNCTIONAL SURGERY: A COHORT STUDY**
 Francisca Sofia Donoso Hofer*, Pablo Arturo Gutierrez Aguilar, Roberto Pantoja Parada, Chile
- 14.48** Discussion
- 15.00 0-1307 EFFECT OF TENSOR VELI PALATINI PRESERVATION OR TRANSECTION IN CLEFT PALATE REPAIR ON THE EUSTACHIAN TUBE FUNCTION**
 Michael Krimmel*, Hannes Weise, Susanne Kluba, Liliane Michels, Margit Bacher, Siegmund Reinert, Germany
- 15.08 0-1308 INCIDENCE OF RESIDUAL ORONASAL FISTULAS: A 20 YEAR EXPERIENCE**
 Andreja Eberlinc*, Vesna Koželj, Slovenia
- 15.16 0-1309 SIMULTANEOUS THREE LAYER CLOSURE OF THE VESTIBULONASAL FISTULA, CHELOPLASTY AND RHINOPLASTY IN CLEFT LIP NOSE DEFORMITY PATIENTS**
 Ahmed Mahrous*, Egypt
- 15.24 0-1310 TWO STAGE PALATOPLASTY USING A MODIFIED FURLOW PROCEDURE**
 Nasser Nadjmi*, Joel Defrancq, Lieven Renier, Bruno Vanassche, Jan Van De Perre, Geert Van Hemelen, Herman Vertcruysse, Belgium
- 15.32 0-1311 REVERSE FORK FLAP FOR BILATERAL CLEFT LIP RECONSTRUCTION**
 Takeshi Kijima*, Katsuyuki Torikai, Ryosuke Nagaoka, Takahiro Misawa, Takashi Hirakawa, Japan
- 15.40 0-1312 TRANSORAL ROBOTIC SURGERY IN CLEFT PALATE RECONSTRUCTION**
 Nasser Nadjmi*, Belgium
- 15.48** Discussion

Room Elafiti 3

- 14.00 — 16.00 **Session 14.**
SURGICAL HEAD AND NECK ONCOLOGY II
Chairmen: Németh Z. (Hungary), Rana M. (Croatia), Lanfranco D. (Italy)
- 14.00 0-1401 **CLINICAL AND MOLECULAR CORRELATION IN YOUNG PATIENTS WITH ORAL SQUAMOUS CELL CARCINOMA**
Tito Poli, Davide Lanfranco*, Chiara Copelli, Enrico Maria Silini,
Tiziana D'adda, Cinzia Azzoni, Lorena Bottarelli, Enrico Sesenna, Italy
- 14.07 0-1402 **ETIOLOGICAL AND CLINICAL INVESTIGATION AMONG YOUNG ORAL CANCER PATIENTS IN HUNGARY.**
Zsolt Németh*, Katalin Turi, Katalin Csurgay, Sándor Bogdán, Hungary
- 14.14 0-1403 **IS INTERVENTIONAL EMBOLIZATION SUITABLE FOR INCREASING POSTOPERATIVE QUALITY OF LIFE OF HNSCC PATIENTS?**
Andreas Kolk*, Klaus-Dietrich Wolff, Oliver Bissinger, Marco Kesting,
Jochen Weitz, Ralf Smeets, Kornelia Kreiser, Germany
- 14.21 0-1404 **FUNCTIONAL OUTCOME AND QOL FOLLOWING RESECTION OF TUMOURS OF THE TONGUE AND REHABILITATION WITHOUT PRIMARY RECONSTRUCTION**
Yoonus Shiraj Mohamed, Kishore Shekar*, V Illankovan, Prakash
Ramchandani, Sajjad Walji, UK
- 14.28 0-1405 **QUALITY OF LIFE AND FUNCTIONAL OUTCOMES: THE STANDARD OUTCOME MEASURES IN THE COMPREHENSIVE ASSESSMENT OF ORAL CANCER SURGICAL AND RADIOTHERAPY TREATMENT.**
Isidoro Rubio Correa*, Luis Ruiz Laza, Damián Manzano Solo De
Zaldivar, Raúl González- García, Laura Villanueva-Alcojol, David
González Ballester, Cristina Hernández Vila, Manuel Moreno Sánchez,
Florencio Monje, Oscar Maestre Rodríguez, Spain
- 14.35 0-1406 **SURGERY FOR MALIGNANT TUMOURS OF ORAL CAVITY AND LOWER LIP IN ELDERLY PATIENTS**
Grażyna Wyszyńska-Pawelec*, Marcin Czajka, Marian Kurek, Jan
Zapała, Łukasz Musiał, Poland
- 14.42 0-1407 **THE ROLE OF MAXILLARY RESECTION IN MAXILLARY PATHOLOGY**
Imad Abu El Naaj*, Yoav Leiser, Amir Walff, Keren Yudovich, Micha
Peled, Israel
- 14.49 Discussion
- 15.04 0-1408 **A REVIEW OF THYROID AND PARATHYROID SURGERY OVER A NINE YEAR PERIOD.**
Leo Cheng*, Abi Boys, Iain Hutchison, Ian Mccoll, UK
- 15.11 0-1409 **ORAL AND MAXILLOFACIAL MALIGNANT TUMORS & TUMOR LIKE LESIONS IN CHILDREN**
Ioannis Iatrou*, Nadia Theologie-Lygidakis, Fotios Tzerbos, Greece
- 15.18 0-1410 **HEAD AND NECK SARCOMAS: A 12 YEAR RETROSPECTIVE REVIEW OF 39 CASES**
Craig Pearce*, Zahra Al-Asaadi, Hazel Williams, David Peake, Khaleeq
Rehman, Timothy Martin, Sat Parmar, UK

- 15.25 0-1411 **ULCERATION OF THE PALATE: A CASE REPORT OF A RAPIDLY INCREASING, PAINFUL ULCERATION OF THE PALATE, PROVEN TO BE A B-CALL LYMPHOMA**
Ailsa Morrison*, Victor Lopes, Craig Mather, UK
- 15.32 0-1413 **COMPLICATIONS AFTER TEMPORARY MEDIAN OSTEOTOMY OF THE MANDIBLE IN IRRADIATED PATIENTS**
Johannes Hachleitner*, Monika Etzelsdorfer, Gerhard Eirisch, Michael
Kopp, Alexander Gagg, Austria
- 15.39 0-1414 **SUDDEN INCREASE IN THE INCIDENCE OF OSTEORADIONECROSIS: WHAT IS CAUSING THIS?**
Ayesha Dalal*, Andrew Mclennan, UK
- 15.46 Discussion

Room Elafiti 4

- 14.00 — 16.00 **Session 15.**
CRANIO-MAXILLO-FACIAL TRAUMATOLOGY II
Chairmen: Ellis E. (USA), Vesnaver A, (Slovenia), Kuttenger J.
(Switzerland)
- 14.00 0-1501 **INTRAARTICULAR CONDYLE FRACTURES - TO OPERATE OR NOT TO OPERATE**
Aleš Vesnaver*, Slovenia
- 14.08 0-1502 **CONDYLAR AND SUBCONDYLAR FRACTURES TREATMENT – OPEN OR NOT OPEN? A RETROSPECTIVE STUDY.**
Teresa Burnay*, Rita Valença- Filipe, Isabel Pinto, José Bilhoto, Portugal
- 14.16 0-1503 **EVALUATION OF THE AESTHETIC AND FUNCTIONAL COMPLICATIONS ASSOCIATED TO DIFFERENT APPROACHES FOR CONDYLAR MANDIBULAR FRACTURES.**
Roberto Osben*, Chile
- 14.24 0-1504 **OUR EXPERIENCE IN SURGICAL TREATMENT OF EXTRACAPSULAR MANDIBULAR CONDYLAR FRACTURE, SKIN SCAR AND PATIENT SATISFACTION.**
Pasquale Piombino*, Alessia Spinzia, Renato Patrone, Giovanni
Lodato, Luigi Califano, Italy
- 14.32 0-1505 **A NEW NON-ENDOSCOPIC INTRAORAL APPROACH FOR REDUCTION AND RIGID FIXATION OF SUBCONDYLAR FRACTURE OF THE MANDIBLE**
Samer George Hakim*, Hans Christian Jacobsen, Thomas Trenkle,
Peter Sieg, Germany
- 14.40 0-1506 **RESULTS AFTER TREATMENT OF CONDYLAR NECK FRACTURES THROUGH THE RETROMANDIBULAR APPROACH**
Johannes Kuttenger*, Switzerland
- 14.48 0-1507 **LACK OF POSTERIOR OCCLUSAL STABILITY IN ORIF OF CONDYLAR FRACTURES**
Rokneddine Javadian*, Edward Boutremans, Herman Junior
Vercruyse, Morgan Lahon, Isabelle Loeb, Belgium

- 14.56 0-1508 **GLENOID FOSSA FRACTURE AND DISLOCATION OF THE MANDIBULAR CONDYLE INTO THE MIDDLE CRANIAN FOSSA: REPORT OF A CASE AND REVIEW OF THE LITERATURE**
Henrique Oliveira, Ivan Beleca*, Portugal
- 15.04 Discussion
- 15.14 0-1509 **COMPARED TREATMENT OF MANDIBULAR ANGLE FRACTURES: ONE MINIPLATE VERSUS TWO MINIPLATES**
Alba De Pablo*, Miguel Artajona, Manel Sáez, Coro Bescós, Spain
- 15.22 0-1510 **RESULTS IN TREATMENT OF ATROPHIC EDENTULOUS MANDIBLE FRACTURES WITH THE FUNCTIONALLY DYNAMIC BRIDGING PLATE (FDPB)**
Simon Enzinger*, Johannes Hachleitner, Christian Krenkel, Alexander Gaggl, Austria
- 15.30 0-1511 **THE INCIDENCE AND PATTERNS OF MANDIBULAR FRACTURES IN CHILDREN**
Arif Rashid*, Katherine S George, Kathleen Fan, UK
- 15.38 0-1512 **FIXATION OF FRACTURES IN THE MAXILLOFACIAL AREA OF CHILDREN WITH BIODEGRADABLE OSTEOSYNTHETIC MATERIALS**
Maria Janickova*, Dagmar Statelova, Igor Malachovsky, Juraj Stilla, Katarina Mikuskova, Slovakia
- 15.46 0-1513 **OUTCOMES FOLLOWING MANIPULATION UNDER ANAESTHETIC OF THE NOSE – EXPERIENCE FROM A MAJOR LONDON TRAUMA CENTER**
Shradha Gupta*, Ambika Chadha, Kathy Fan, Christoph Huppa, UK
- 15.52 Discussion

THURSDAY, SEPTEMBER 13TH

MASTERCLASSES

Room Olipa 1, Hotel President

- 07.30 — 8.45 **HOW TO AVOID SURGICAL COMPLICATIONS AND FAILURES IN IMPLANTOLOGY**
Speaker: Manlio Galiè, Italy

Room Olipa 2, Hotel President

- 07.30 — 8.45 **RECONSTRUCTION OF COMPLEX DEFECTS OF THE HEAD AND NECK**
Speaker: Nick Kalavrezos, UK

Room Olipa 3, Hotel President

- 07.30 — 8.45 **BLEPHAROPLASTY**
Speaker: Maurice Mommaerts, Belgium

Room Tajan, Hotel President

- 07.30 — 8.45 **FLAP HARVEST TECHNIQUE FOR THE ILIAC CREST WITH INTERNAL OBLIQUE**
Speaker: James Brown, UK

Room Ruda, Hotel President

- 07.30 — 8.45 **THE EVOLUTION INTO 3D MAXILLOFACIAL PLANNING CONCEPTS IN ORTHOGNATHIC SURGERY**
Speaker: Nasser Nadjmi, Belgium

Room Elafiti 1 – 2

- 09.00 — 11.00 **PANEL**
FREE FLAPS FOR HEAD AND NECK RECONSTRUCTION
RECONSTRUCTION OF MANDIBLE: BEIJING'S EXPERIENCE
Zhigang Cai, Beijing, China
RECONSTRUCTION OF THE MAXILLA
James Brown, UK
FREE FLAP MONITORING
Frank Hölzle, Germany
DYNAMIC FACIAL REANIMATION
Federico Biglioli, Italy
FURTHER DEVELOPMENTS IN MICROVASCULAR SOFT TISSUE RECONSTRUCTION
Klaus- D. Wolff, Germany

Room Elafiti 3

- 09.00 — 11.00 **Session 16.**
CLEFT SURGERY II
Chairmen: Ehrenfeld M. (Germany), Knežević P.(Croatia), Elbarbary A. (Egypt)
- 09.00 0-1601 **TREATMENT QUALITY ANALYSIS OF CLEFT PATIENTS RECEIVED ON THE BASIS OF QUESTIONNAIRE EVALUATION**
Roman Fedotov , Orest Topolnitsky, Anna Klinovskaya*, Nataliya Medko, Russian Federation

- 09.08 0-1602 POSTOPERATIVE MORBIDITY AFTER RECONSTRUCTION OF ALVEOLAR BONE DEFECTS WITH CHIN BONE TRANSPLANTS IN CLEFT PATIENTS – 111 CONSECUTIVE PATIENTS.**
Kristian Andersen*, Sven Erik Nørholt, Johan Knudsen, Annelise Kùseler, John Jensen, Denmark
- 09.16 0-1603 SECONDARY BONE GRAFTING IN CHILDREN WITH BILATERAL CLEFT LIP AND PALATE. A REPORT OF 46 CONSECUTIVE CASES USING A TECHNIQUE OF PREMAXILLARY OSTEOTOMY WITH GUIDED TISSUE REGENERATION.**
Rupert Scott*, Mohammed Al-Gholmy, Julia Scott, Tim Flood, UK
- 09.24 0-1604 EVALUATION OF TREATMENT PROTOCOLS IN SECONDARY OSTEOPLASTY, FOLLOWING 12-YEAR EXPERIENCE IN DENTOALVEOLAR CLEFT PATIENTS.**
Nadia Theologie-Lygidakis*, Fotios Tzerbos, Nikolaos Kolomvos, Ioannis Iatrou, Greece
- 09.32 0-1605 ALVEOLAR BONE FORMATION IN PATIENTS WITH UNILATERAL CLEFT LIP AND PALATE AFTER EARLY SECONDARY GINGIVO-ALVEOLO-PLASTY: LONG TERM CT EVALUATION**
Luca Autelitano*, Maria Costanza Meazzini, Chiara Tortora, Roberto Brusati, Italy
- 09.40 0-1606 INTEREST OF CALVARIAL PERIOSTEAL GRAFT ON THE SECOND STAGE OF HARD PALATE CLOSURE IN CLEFT SURGERY**
Cecilia Neiva*, Caroline Racz, Cica Gbaguidi, Gauthier Michel, Aline Berners, Sylvie Testelin, Bernard Devauchelle, France
- 09.48 0-1607 ALVEOLAR CLEFTS REPAIR USING HUMAN MESENCHYMAL BONE MARROW STEM CELLS**
Giuseppe Spinelli*, Davide Rocchetta, Domenico Giannini, Roberto Brusati, Italy
- 10.00**
Discussion
- 10.08 0-1608 COMBINATION OF CHEILOPLASTY AND PALATAL OBTURATOR IN A PRETERM INFANT WITH CLEFT LIP AND PALATE : A SOLUTION TO NON INVASIVE VENTILATION.**
Hervé Bénateau*, Anne Bellot, Arnaud Taupin, Anne-Sophie Trentesaux, Anne Chatellier, Joël Laurent, France
- 10.16 0-1609 SINGLE STAGE PRIMARY LIP, ALVEOLAR & NASAL REPAIR IN BCLP WITHOUT PRESURGICAL ORTHOPEDICS**
Amir Elbarbary*, Egypt
- 10.24 0-1610 THE SHAPE OF THE NOSE AFTER TENNISON-RANDALL CLEFT LIP REPAIR AND PRIMARY RHINOPLASTY – A PROSPECTIVE STUDY OVER 4 YEARS**
Michael Krimmel*, Margit Bacher, Christoph Bopp, Susanne Kluba, Siegmar Reinert, Germany
- 10.32 0-1611 USE OF NASOALVEOLAR MOLDING IN EARLY CLEFT MANAGEMENT**
Krisztián Nagy*, Bálint Nemes, Erzsébet Simonné Nagy, Gwen Swennen, Belgium
- 10.40 0-1612 EFFECTS OF NASOLALVEOLAR MOLDING IN PATIENTS WITH UCLAP - RESULTS OF A PROSPECTIVE INTERDISCIPLINARY TRIAL**
Jan-Hendrik Lenz*, Karsten Gundlach, Ann Dieckmann, Inese Mauline, Laura Linkeviciene, Franka Stahl De Castrillon, Linas Zaleckas, Marianne Soots, Ilze Akota, Germany
- 10.48**
Discussion
- Room Elafiti 4**
- 09.00—11.00 Session 17.**
ORBITAL TRAUMA
Chairmen: Ramsay-Baggs P. (UK), Grant M. (USA), Nam S.M.(Republic of Korea)
- 09.00 0-1701 ORBITAL FRACTURE MAPPING BASED ON REFORMATTED CT IMAGING - THE COVENTRY SYSTEM**
Liviu M Hanu-Cernat*, Richard Burnham, UK
- 09.07 0-1702 INTEREST OF NAVIGATION IN COMPLEX ORBITAL FRACTURE**
Xavier Pronost*, Florian Jalbert, Raphael Lopez, Franck Boutault, Frederic Lauwers, France
- 09.14 0-1703 COMPUTER-ASSISTED PLANNING AND INTRAOPERATIVE NAVIGATION FOR POST-TRAUMATIC ENOPHTHALMOS.**
Alicia Dean*, Francisco Alamillos, Susana Heredero, Spain
- 09.21 0-1704 OUTCOMES OF ORBITAL FRACTURE REPAIR USING A PREFORMED 3D ORBITAL PLATE**
Noah Teo*, John Hanratty, Michael Perry, UK
- 09.28 0-1705 ORBITAL FLOOR RECONSTRUCTION CONSIDERING ORBITAL FLOOR SLOPE**
Yongbae Kim, Seung min Nam*, Hangyu Cha, Juwon Kim, Republic of Korea
- 09.35 0-1706 ORBITAL FLOOR RECONSTRUCTION WITH NIKELIT TITANIUM TISSUE**
Yuri Medvedev*, Ludmila Shamaeva, Evgeny Basin, Russian Federation
- 09.42 0-1707 JUST HOW CLOSE IS THE OPTIC NERVE USING PREFABRICATED TITANIUM MESH IN ORBITAL FLOOR RECONSTRUCTION?**
Nick Rutherford*, Michelle Mcintosh, David Van Geldren, Australia
- 09.49**
Discussion
- 10.00 0-1708 SECONDARY RECONSTRUCTION OF POSTTRAUMATIC ENOPHTHALMOS WITH PERIORBITAL OSTEOTOMIES AND GRAFTING**
Alvaro García-Rozado*, Ramón Luaces, Nicolás Carral, Vanessa Chávez, José Luis López-Cedrón, Spain
- 10.07 0-1709 FRACTURES OF THE ORBITAL FLOOR - THE SINUS ENDOTHESIS EXPERIENCE**
Darshan Singh*, Johannes Hachleitner, Christoph Konstantiniuk, Christian Krenkel, Alexander Gaggl, Austria

- 10.14 0-1710 **ROLE OF ANTERIO-LATERAL WALL OF THE MAXILLARY SINUS IN THE RECONSTRUCTION OF ORBITAL FLOOR FRACTURES.**
Syed Adnan Shah*, Shahid Ali, Adnan Aslam, Armaghan Mirza, Canada
- 10.21 0-1711 **TREATMENT OF ORBITAL FLOOR FRACTURES UNDER LOCAL ANESTHESIA: OUR EXPERIENCE**
Giuseppe Spinelli*, Davide Rocchetta, Tommaso Agostini, Giulia Carnevali, Italy
- 10.28 0-1712 **BONE FORMING COMPOSITES FOR ORBITAL FLOOR RECONSTRUCTION: A FEASIBILITY STUDY IN SHEEP**
Ac Van Leeuwen*, H Yuan, G Passanisi, Wj Van Der Meer, Jd De Bruijn, Tg Van Kooten, Dw Grijpma, Rrm Bos, Netherlands
- 10.35 0-1713 **CORRECTION OF ORBITAL FLOOR ADHESIONS WITH HUMAN AMNIOTIC MEMBRANE**
Marco Kesting*, Klaus-Dietrich Wolff, Andreas Kolk, Nils Rohleder, Germany
- 10.42 0-1714 **ENDOSCOPICALLY ASSISTED VS TRADITIONAL REPAIR OF MEDIAL ORBITAL WALL FRACTURES WITH TITANIUM MESH PLATES USING A TRANSCARUNCULAR-TRANSCONJUNCTIVAL APPROACH: CT SCAN EVALUATION.**
Giovanni Gerbino*, Francesca Antonella Bianchi, Emanuele Zavattoni, Alessandro Griffa, Italy
- 10.49 Discussion
- Room Olipa 1 – 3**
- 09.00 — 11.00 **Session 18.**
PREPROSTHETIC SURGERY AND IMPLANTOLOGY II
Chairmen: Virnik S, (Austria), Howaldt H.P. (Germany), Smolka W. (Germany)
- 09.00 0-1801 **TREATMENT PLANNING BASED ON BIOMECHANICAL REQUIREMENTS**
Philipp Streckbein*, Roland Streckbein, Christopher Kähling, Jan-Falco Wilbrand, Hans-Peter Howaldt, Matthias Flach, Germany
- 09.07 0-1802 **BACKWARD PLANNING CONCEPT IN TREATMENT PROCEDURES WITH OSSEOINTEGRATED IMPLANTS IN 3D SOFTWARE.**
Sukharskiy Ilya*, Kulakov Anatoliy, Butsan Sergei, Chkadua Tamara, Khokhlachev Sergei, Perfiliev Sergei, Chernenkiy Mikhail, Arsenidze Alexander, Russian Federation
- 09.14 0-1803 **USING A MINIATURIZED NAVIGATION SYSTEM FOR DENTAL IMPLANTOLOGY**
Philipp Juergens*, Florian Coigny, Joerg Beinemann, Bruno Knobel, Johannes Finkel, Hans-Florian Zeilhofer, Erik Schkommodau, Switzerland
- 09.21 0-1804 **A GRAFTLESS SOLUTION FOR PATIENTS WITH COMPLETE ATROPHY OF THE ALVEOLAR RIDGE OF THE MANDIBULA – PERSONNALISABLE POLYMER IMPLANTS IN A PILOT STUDY**
Frank Spahn*, F. Haedecke, France
- 09.28 0-1805 **ALTERNATIVES IN THE TREATMENT OF THE POSTERIOR ATROPHIC JAWS: RETROSPECTIVE STUDY OF A SERIES OF CASES AND REVIEW OF THE LITERATURE.**
Celia Sánchez-Acedo*, Luis Naval-Gías, Juan Fernández-Díaz, Jose-Luis Gil-Díez, Ana Capote-Moreno, Francisco Díaz-González, Spain
- 09.35 0-1806 **RETROGNATHIA AND COMPLETE EDENTULISM SOLVED BY DENTAL IMPLANT PLACEMENT, SIMULTANEOUS ORTHOGNATHIC SURGERY AND IMMEDIATE CHARGE PROsthESIS IN A SINGLE SURGERY**
José Alfonso Ruiz-Cruz*, Néstor Montesdeoca García, Gonzalo Herrera Calvo, Manuel Sánchez-Moliní González-Meneses, Víctor Gómez Carrillo, Federico Rehberger Bescós, Spain
- 09.42 0-1807 **VALIDATION OF IMPLANT PLACEMENT IN THE EDENTULOUS MAXILLA AFTER AUGMENTATION USING A MUCOSA SUPPORTED SURGICAL TEMPLATE**
Luc Verhamme, Bram Van Loon*, Tong Xi, Gert Meijer, Rik Soehardi, Stefaan Bergé, Tiny Boumans, Ton De Haan, Thomas Maal, Netherlands
- 09.49 Discussion
- 10.00 0-1808 **PRIMARY IMPLANT STABILITY AFTER EXPERIMENTAL MAXILLARY SINUS AUGMENTATION WITH AUTOGENOUS MESENCHYMAL STEM CELLS**
Björn Riecke*, Marco Blessmann, Arne Hothan, Michael Morlock, Michael Amling, Felix Blake, Max Heiland, Germany
- 10.07 0-1809 **MAXILLARY SINUS LIFT WITH HYDROXYAPATITE: A SAFE TECHNIQUE WITH PREDICTABLE OUTCOMES IN PATIENTS WITH SEVERE MAXILLARY ATROPHY.**
Ana María López López*, José Ignacio Salmerón Escobar, Cristina Maza Muela, Irene Vila Masana, Alejandro Thomas Santamaría, Spain
- 10.14 0-1810 **OUTCOME OF THE REHABILITATION OF ATROPHIC POSTERIOR MAXILLA WITH THE SINUS LIFT TECHNIQUE AND DIFFERENT FILLING MATERIALS IN 144 PATIENTS**
María Pombo*, Jorge Arenaz, Jose Luis López-Cedrún, Ramón Luaces, Spain
- 10.21 0-1811 **IMPLANT SURVIVAL RATE IN MICROVASCULAR TRANSPLANTS**
Sascha Virnik*, Alexander Gaggl, Xaver Justich, Daniel Jamnig, Fm. Chiari, Austria
- 10.28 0-1812 **COMPUTER ASSISTED IMPLANT SURGERY IN FREE FLAPS RECONSTRUCTED PATIENTS, TWO YEARS FOLLOW-UP RESULTS OF A PROSPECTIVE CLINICAL STUDY.**
Silvio Mario Meloni, Giacomo De Riu, Milena Pisano, Olindo Massarelli, Antonio Tullio*, Italy

10.35 0-1813 **CLINICAL STUDY OF DENTAL IMPLANTS IN PATIENTS UNDERGOING RADIOTHERAPY**
Alejandrina Millón Cruz*, Rafael Martín-Granizo, Alejandro Encinas Bascones, Eulalia Fernandez, Blanca Nuñez, Aranzazu Gonzalez, Alberto Berguer, Spain

10.42 0-1814 **OSTEOBLASTS AND THE COLONIZATION OF DENTAL IMPLANT SURFACE WHILE METHOTREXATE ADMINISTRATION**
Tobias Annussek*, Johannes Kleinheinz, Ulrich Joos, Kai Wermker, Germany

10.49 Discussion

11.00—11.30 **Coffee break- Exhibition Visit**

Room Elafiti 1

11.30—13.00 **PANEL**

CONSENSUS AND CONTROVERSY IN CLEFT SURGERY

Moderator: Predrag Knežević (Croatia)

PANEL INTRODUCTION

Predrag Knežević, Croatia

EVOLUTION OF A PHILOSOPHY IN CLEFT LIP TREATMENT

Roberto Brusati, Italy

EVOLUTION OF PHILOSOPHY AND TREATMENT OF CLEFT PALATE

Brian Sommerlad, UK

INDIVIDUALIZED CLEFT TREATMENT, INTERDISCIPLINARY COORDINATION AND

TIMING

Michael Ehrenfeld, Germany

Room Elafiti 2

11.30—13.00

Session 19.

SKIN TUMOURS OF THE HEAD AND NECK

Chairmen: Hopper C. (UK), Kraus D. (USA), Lukšić I. (Croatia)

11.30 0-1901 **AN AUDIT OF HEAD & NECK SKIN CANCER TREATED BY THE OMFS DEPARTMENT AT WORCESTER ROYAL HOSPITAL IN 2011, UK.**
Laith Hussein Al-Qamachi*, Neal Barnard, UK

11.38 0-1902 **SKIN CA IN THE KOSOVO POPULATION**
Sami Salihu*, Osman Sejfića, Fellanza Gjinolli, Mergime Prekazi-Logja, Nijazi Heta, Samir Berisha, Arsim Kelmendi, Agreta Geci-Gashi, Shaqir Uka, Albania

11.46 0-1903 **SIGNIFICANCE OF CLINICAL STAGE, EXTENT OF SURGERY AND OUTCOME IN CUTANEOUS HEAD AND NECK SQUAMOUS CELL CARCINOMA**
Andro Košec*, Lucija Svetina, Ivica Lukšić, Croatia

11.54 0-1904 **PROGNOSTIC FACTORS INFLUENCING METASTATIC SPREAD FROM CUTANEOUS SQUAMOUS CELL CARCINOMA. AN OBSERVATIONAL STUDY**
Bobby Patel, Kishore Shekar*, V Illankovan, Sajjad Walji, Prakash Ramchandani, UK

12.04 0-1905 **SURGICAL MARGINS IN CUTANEOUS MALIGNANCIES OF THE HEAD AND NECK**
Christopher Fowell*, Grigore Mihalache, UK

12.12 0-1906 **SURGICAL TECHNIQUES FOR SCALP SKIN MALIGNANCIES ABLATION WITH RECONSTRUCTION ALGORITHM.**
Maciej Rysz*, Dariusz Grzelecki, Maciej Mazurek, Stanisław Starościan, Romuald Krajewski, Marek Pietras, Poland

12.20 0-1907 **THE FEATURES OF BASAL CELL CARCINOMA USING THE CRYOSURGICAL, CRYOLASER AND SURGERY TREATMENT.**

Victoria Andryukhina, Alexander Nikitin*, Nelly Spiridonova, Vladimir Lapshin, Russian Federation

12.28 0-1908 **AGGRESSIVE-GROWTH BASAL CELL CARCINOMA OF THE FACE**

Katarzyna Iwulska*, Grażyna Wyszyńska-Pawelec, Mariusz Szuta, Jan Zapła, Poland

12.36 0-1909 **MALIGNANT MELANOMA OF THE HEAD AND NECK. OUR EXPERIENCE BETWEEN 2000 AND 2011.**

Cristina Maza*, Ana María López, Carlos Navarro, Alejandro Thomas, Santiago Ochandiano, Carlos Navarro, Spain

12.44 0-1910 **PHOTOCHEMICAL INTERNALIZATION (PCI) WITH AMPHINEX®: A NEW TECHNIQUE FOR LOCAL CANCER TREATMENT**
Colin Hopper*, Waseem Jerjes, Ahmed Sultan, Celia Simeon, Dawn Carnell, UK

12.52 Discussion

Room Elafiti 3

11.30—13.00

Session 20.

SURGICAL HEAD AND NECK ONCOLOGY III

Chairmen: Shaha A.R. (USA), Van Hemelen G. (Belgium), Kansky A. (Slovenia)

11.30 0-2001 **IMPLICATIONS OF THE HUMAN PAPILLOMA VIRUS IN THE CARCINOGENESIS OF EPIDERMAL MUCOSA ORAL CANCER IN PATIENTS UNDER OF 45 YEARS. PRELIMINARY STUDY**

Maria Antonia Contreras Morillo*, Alfonso Daura Saez, Maria Jose Martin Osuna, Maria Dolores Bautista Ojeda, Martina Álvarez Perez, Francisco Ruiz Delgado, Alfredo Matilla Vicente, Spain

11.38 0-2002 **HPV PREVALENCE IN SQUAMOUS CELL CARCINOMAS OF THE ORAL CAVITY AND OROPHARYNX AS MARKERS OF BIOLOGICAL BEHAVIOURS**

Tito Poli, Davide Lanfranco*, Enrico Maria Silini, Copelli Chiara, Tiziana D'adda, Luigi Corcione, Silvia Pizzi, Enrico Sesenna, Italy

- 11.46 0-2003 ANALYSIS OF CARCINOGENESIS FOR BOTH HPV-POSITIVE AND –NEGATIVE ORAL SQUAMOUS CELL CARCINOMA USING NORMAL HUMAN TONGUE KERATINOCYTES
Yusuke Zushi*, Kazuma Noguchi, Michiyo Yamamura, Kyohei Yoshikawa, Kazuki Takaoka, Kuniyasu Moridera, Shin Okui, Hiromitsu Kishimoto, Masahiro Urade, Japan
- 11.54 0-2004 LYMPH NODE DENSITY IS A SIGNIFICANT PREDICTOR OF LOCOREGIONAL FAILURE IN PATIENTS WITH ADVANCED HEAD AND NECK CANCERS
Didier Dequanter, Mohammad Shahla*, Christine Aubert, Pascal Paulus, Philippe Lothaire, Belgium
- 12.04 0-2005 THE ROLE OF SNB IN THE MANAGEMENT OF ABERRANT LYMPHATIC DRAINAGE IN ORAL CANCER; AN EVALUATION OF THE EUROPEAN SENTINEL NODE TRIAL (SENT).
Alexander Goodson*, Clare Schilling, Mark McGurk, European Sentinel Node Group, UK
- 12.12 0-2006 SENTINEL NODE BIOPSY AND ORAL CANCER: AN INTERIM REPORT OF THE SENTINEL EUROPEAN NODE TRIAL (SENT)
Rahul Jayaram*, Clare Schilling, Ben Gurney, Kavin Andj, Mark McGurk, UK
- 12.20 0-2007 THE USE OF LIGASURE TISSUE FUSION SYSTEM IN HEAD AND NECK ONCOLOGY DISSECTION: EXPERIENCE IN A TERTIARY CARE HOSPITAL.
Javier Gutiérrez Santamaria*, Coro Bescós Atín, Jorge Pamiás Romero, Manel Sáez Barba, Alfonso Mogedas Vegara, Jorge Masía Gridilla, Sergio Bordonaba Leiva, Spain
- 12.28 0-2008 THE FUNCTIONAL NECK DISSECTION IN THE NO NECK
Geert Van Hemelen*, Olivier Tanésy, Maarten Van Genechten, Joël Defranq, Nasser Nadjmi, Lieven Renier, Bruno Vanassche, Jan Van De Perre, Herman Vercruyse, Belgium
- 12.36 0-2009 CERVICAL LYMPH NODE METASTASIS IN ORAL SQUAMOUS CELL CARCINOMA.
Ana María López López*, Cristina Maza Muela, Irene Vila Masana, Santiago Ochandiano Caicoya, Julio Acero Sanz, Carlos Navarro Vila, Spain
- 12.44 0-2010 CERVICAL METASTASIS FROM SQUAMOUS CELL CARCINOMA OF THE MAXILLARY GINGIVA, ALVEOLUS AND HARD PALATE: A MULTICENTRIC ITALIAN STUDY OF 65 CASES
Giada Anna Beltramini, Valentino Valentini, Enrico Sesenna, Olindo Massarelli, Diego Rossi* Alessandro Baj, Aldo Bruno Gianni, Italy
- 12.52 Discussion

Room Elafiti 4

11.30 — 13.00

Session 21.

ORBITAL TRAUMA & PATHOLOGY

Chairmen: García-Rozado González A. (Spain), Shah S.A. (Canada), Kesting M. (Germany)

- 11.30 0-2101 USEFULNESS OF SUBCILIARY APPROACH BY USING LACRIMAL SAC STRIPPING FOR LARGE ISOLATED MEDIAL ORBITAL FRACTURE RECONSTRUCTION
Han Koo Kim*, Woon Il Baek, Woo Seob Kim, Tae Hui Bae, Republic of Korea
- 11.37 0-2102 TRANSSCONJUNCTIVAL VERSUS SUBCILIARY APPROACH IN ORBITAL FLOOR FRACTURES
Irene Vila Masana*, Santiago Ochandiano Caicoya, Carlos Navarro Cuéllar, Javier López De Atalaya Gutierrez, Julio Acero Sanz, Ana María López López, Cristina Maza Muela, Alba Garcia Sevilla, Carlos Navarro Vila, Spain
- 11.44 0-2103 RETROBULBAR HAEMORRHAGE FOLLOWING SURGICAL TREATMENT OF ZYGOMATICOMALAR COMPLEX FRACTURES – ARE THEY A PROBLEM?
Amanda Beresford Beresford, Thomas Barry*, Peter Ramsay-Baggs, UK
- 11.51 0-2104 BULLFIGHTER TRAUMATIC LUXATION OF THE GLOBE INTO THE MAXILLARY SINUS: CASE REPORT
Ana Pratas*, Sérgio Sousa, Portugal
- 11.58 Discussion
- 12.08 0-2105 MANAGEMENT OF EXOPHTHALMOS IN ENDOCRINE ORBITOPATHY. RATIONALE OF TREATMENT
Riccardo Tieghi*, Luigi C. Clauser, Italy
- 12.16 0-2106 ORBITAL CAVERNOMAS: CLINICAL- IMAGING FEATURES AND SURGICAL EXPERIENCE ON A SERIES OF 16 CASES.
Giovanni Gerbino*, Paolo Garzino-Demo, Francesca Antonella Bianchi, Federico Baietto, Fabio Roccia, Italy
- 12.23 0-2107 MULTIDISCIPLINARY APPROACH IN UNILATERAL TUMORAL PROPTOSIS
Victor-Vlad Costan*, Ioan Poeata, Otilia Boisteanu, Eugenia Popescu, Romania
- 12.30 0-2108 MINIMAL INVASIVE BIOPSY OF INTRACONAL EXPANSION BY PET/CT IMAGE FUSED NAVIGATION SYSTEM, A WELL-PROVEN METHOD
Knut Reinbacher*, Matthias Feichtinger, Mauro Pau, Hans Kaercher, Austria
- 12.37 0-2109 THE SURGERY OF THE ORBIT CONDUCTED BY PIEZOELECTRIC SAW.
Maciej Jagielak*, Andrzej Wojtowicz, Marcin Socha, Maciej Kuczyński, Anna Jagielak, Wojciech Lambrecht, Poland

- 12.42 0-2110 ANOPHTHALMOUS RECONSTRUCTION WITH SELF INFLATING HYDROGEL EXPANDER PRIOR TO ORBITAL IMPLANT : RATIONALE AND RESULTS.

Julien Davrou*, Caroline Racz, Benjamin Guichard, Sylvie Testelin, Bernard Devauchelle, France

- 12.49 Discussion

Room Olipa 1 – 3, Hotel President

- 11.30 — 13.00 **Session 22.**

BENIGN TUMORS & VASCULAR LESIONS

Chairmen: Roginskiy V. (Russian Federation), Stošić S. (Serbia), Timofeeva M. (Russian Federation)

- 11.30 0-2201 TREATMENT APPROACHES IN CHILDREN WITH BLOOD VESSELS HYPERPLASIA (I.E. INFANTILE HEMANGIOMA) IN MAXILLOFACIAL REGION.

Evelina Repina*, Vitaliy Roginskiy, Liliya Kuzmenkova, Andrey Nadtochiy, Russian Federation

- 11.37 0-2202 DIAGNOSTICS, CLINICAL AND MORPHOLOGICAL FEATURES OF BLOOD VESSELS HYPERPLASIA IN MAXILLOFACIAL AREA IN CHILDREN.

Liliya Kuzmenkova*, Vitaliy Roginskiy, Andrey Nadtochiy, Oleg Bliznyukov, Evelina Repina, Russian Federation

- 11.44 0-2203 CLASSIFICATION OF BLOOD VESSELS LESIONS OF HEAD AND NECK AREA: NEW VISION.

Vitaliy Roginskiy*, Andrey Nadtochiy, Alexey Grigoryan, Sokolov Yuriy, Yuriy Soldatskiy, Alexander Nerobeev, Vladimir Kovyazin, Russian Federation

- 11.51 0-2204 FUNCTIONAL ANATOMY OF THE MICROVASCULATURE IN HEALTHY CHILDREN AND PATIENTS WITH NON-TUMOR VASCULAR LESIONS –HYPERPLASIA (IH) BY COMPUTER CAPILLAROSCOPY.

Firuz Mustafina*, Elena Abramova, Vitaliy Baranov, Vitaliy Roginskiy, Elena Krechina, Alina Mustafina, Russian Federation

- 11.58 0-2205 TRANSCUTANEOUS RADIOFREQUENCY ABLATION OF THE VASCULAR LESIONS IN MAXILLOFACIAL AREA

Igor Ovchinnikov*, Vitaliy Roginskiy, Andrey Nadtochiy, Russian Federation

- 12.08 0-2206 PROPRANOLOL FOR THE TREATMENT INFANTS WITH INFANTILE HEAMANGIOMA: RESALTS FROM A SERIES OF 70 PATIENTS.

Margarita Timofeeva*, Natalia Kotlukova, Vitaliy Roginsky, Evelina Repina, Russian Federation

- 12.16 0-2207 THE NEED FOR TRACHEOSTOMY IN VASCULAR ANOMALIES: A LITERATURE META ANALYSIS.

Giacomo Colletti, Valeria Battista*, Davide Valassina, Valeria Colombo, Dimitri Rabbiosi, Luca Autelitano, Federico Biglioli, Italy

- 12.23 0-2208 COLLATERAL ARTERY GROWTH BYPASS ARTERIAL LIGATION IN PATIENTS WITH HEAD AND NECK ARTERIOVENOUS MALFORMATIONS

Srboljub Stošić*, Zoran Mirković, Miroslav Bročić, Saša Jović, Gordana Andjelić, Serbia

- 12.30 0-2209 COMPLEX EXAMINATION OF PATIENTS WITH LYMPHANGIOMAS OF THE MAXILLOFACIAL REGION.

Irina Yakimenko*, Alexey Drobyshev, Dmitriy Ermolin, Russian Federation

- 12.37 0-2210 BLEEDING COMPLICATIONS OF CUTANEOUS SURGERY IN PATIENTS ON ANTICOAGULANT TREATMENT

Wolfgang Eichhorn*, Evgeny Barsukov, Henning Hanken, Alexander Gröbe, Marc Eichhorn, Max Heiland, Marco Blessmann, Ralf Smeets, Germany

- 12.42 Discussion

- 13.00 — 14.00 **Lunch break**

Room Elafiti 1-3

- 14.00 — 16.00 **PANEL**

FACIAL TRANSPLANTATION

Moderator: Sylvie Testelin, France
Pedro Infante Cossio (Spain), Jean-Paul Meningaud (France), Juan Pedro Barret Nerin (Spain), Edouardo Rodriguez (USA), Maria Siemionow (USA)

Room Elafiti 4

- 14.00 — 16.00 **Meeting with Guest Society
INTERNATIONAL BONE RESEARCH
ASSOCIATION**

NEW DEVELOPMENTS IN ORTHOGNATHIC SURGERY

INTRODUCTION

J. Kleinheinz

CONTEMPORARY PROBLEMS IN ORTHOGNATHIC SURGERY

N. Ihen-Hren

ANATOMIC ADAPTED PLATE DESIGN FOR MIDFACIAL FIXATION

L. Bonitz

TRANSVERSAL FLEXIBILITY AND CONDYLAR POSITION

J. Kleinheinz

SEMI-RIGID FIXATION IN BILATERAL SAGITAL OSTEOTOMY OF THE MANDIBLE

T. Lloyd

LOW-TO-HIGH OBLIQUE RAMUS OSTEOTOMY

C. Landes

Round table

Room Olipa 1-3, Hotel President

- 14.00 — 16.00 **Session 23.**
SALIVARY GLANDS – SURGERY AND PATHOLOGY
 Chairmen: Rotaru H. (Romania), Stopa Z.(Poland), Garcia Molina D.(Spain)
- 14.00 0-2301 **MANAGEMENT OF EXTENDED PAROTID TUMORS**
 Victor-Vlad Costan*, Marius Dabija, Catalin Ciocan-Pendefunda, Dragos Iancu, Otilia Boisteanu, Eugenia Popescu, Romania
- 14.08 0-2302 **ATYPICAL FORMS OF WARTHIN'S TUMOUR IN THE MATERIAL OF THE DEPARTMENT OF CRANIO-MAXILLO-FACIAL SURGERY IN CRACOW**
 Michał Gontarz*, Grażyna Wyszyńska-Pawelec, Katarzyna Iwulska, Adam Balczyński, Jan Zapata, Poland
- 14.16 0-2303 **AESTHETIC REFINEMENTS IN PAROTID BENIGN TUMOR SURGERY**
 Andrea Ferri*, Bernardo Bianchi, Silvano Ferrari, Chiara Copelli, Pietro Boni, Massimiliano Leporati, Enrico Sesenna, Italy
- 14.24 0-2304 **ANALYSIS OF 160 SUBMANDIBULAR GLAND EXCISIONS**
 Daniel García Molina*, Maria José Morán Soto, Paula Barba Recreo, Eduard Mirada Donisa, Jorge Guiñales Díaz De Cevallos, Miguel Burgueño García, Spain
- 14.32 0-2305 **DOES A SUPERSATURATED CALCIUM PHOSPHATE MOUTH RINSE AT PREVENT OR REDUCE THE SEVERITY OF ORAL MUCOSITIS (OM) IN PATIENTS UNDERGOING RADIOTHERAPY (RT) OR CHEMORADIOTHERAPY (CRT) TO THE HEAD AND NECK?**
 Michael Nugent, Gillian Watson, Robert Banks*, John Meechan, UK
- 14.40 0-2306 **COMPARISON OF RHEOLOGICAL BEHAVIOR BETWEEN COMMERCIAL SUBSTITUTES AND THE HUMAN SALIVA**
 Arnaud Béduneau*, Edouard Euvrard, Gaele Brunotte, Yann Pellequer, Lionel Pazart, Christophe Meyer, France
- 14.48 Discussion
- 15.00 0-2307 **THE ACCURACY OF ULTRASOUND SCAN AND ULTRASOUND GUIDED FINE NEEDLE ASPIRATION CYTOLOGY IN THE DIAGNOSIS OF PAROTID GLAND LESIONS**
 Liviu Hanu-Cernat, Richard Burnham*, UK
- 15.08 0-2308 **USEFULNESS OF FNA BIOPSY IN PAROTID TUMORS**
 Dolores Martinez-Perez*, Julian Ruiz Jimenez, Juan Rey Biel, Lourdes Maniegas Lozano, Silvia Roson Gomez, Alicia Cazorla, Spain
- 15.16 0-2309 **THE CORRELATION BETWEEN CLINICAL PRESENTATION, IMAGING, CYTOLOGY AND HISTOLOGICAL FINDINGS IN SUBMANDIBULAR SALIVARY GLAND EXCISION**
 Andrew Rennie*, Liviu Hanu-Cernat, UK

- 15.24 0-2310 **THE INTEREST OF MINOR SALIVARY GLAND BIOPSY IN THE DEVELOPMENT OF SJÖGREN'S SYNDROME: A RETROSPECTIVE STUDY ON 561 PATIENTS**
 Andra Negulescu*, M. S. Soyfoo, M. Remmelink, I. Loeb, Belgium
- 15.32 0-2311 **ENDOSCOPIC DIAGNOSTICS AND TREATMENT OF SIALOLITHIASIS**
 Hubert Wanyura, Zygmunt Stopa*, Sebastian Krużyński, Poland
- 15.40 0-2312 **SHOCKWAVE LITHOTRIPSY OF SALIVARY DUCT STONES – OUR EXPERIENCE**
 Alexandru Bucur, Octavian Dincă, Cristian Vlădan*, Mihai Bogdan Bucur, Romania
- 15.48 Discussion
- 16.00 — 16.30 **Coffee break- Exhibiton Visit**

Room Elafiti 1

- 16.30 — 18.00 **Meeting with Guest Society**
KOREAN ASSOCIATION OF ORAL AND MAXILLOFACIAL SURGEONS
SURGERY-FIRST ORTHOGNATHICS FOR MANDIBULAR PROGNATHISM
 Chairmen: Je Uk Park, Myeung Jin Kim, Korea
- BACKGROUND, NECESSITY, ADVANTAGE AND DISADVANTAGE**
 Tae-Geon Kwon, Korea
- ESTABLISHMENT OF TREATMENT PLANNING**
 Seong Kyu Byun, Korea
- PREOPERATIVE AND POSTOPERATIVE CARE**
 Min Suk Kook, Korea
- POSTOPERATIVE STABILITY**
 Yong Deuk Kim, Korea

Room Elafiti 2

- 16.30 — 18.00 **PANEL**
CLEFT TREATMENT AROUND THE WORLD
 Moderator: Adrian Sugar (UK)
- CLEFT TREATMENT IN CHINA**
 Lian MA
- COMPREHENSIVE CARE OF CLEFT AROUND THE WORLD: OPERATION SMILE, A MODEL OF SCIENTIFIC APPROACH, QUALITY AND SAFETY DOMENICO SCOPELLITI**
COMPREHENSIVE CARE OF OROFACIAL CLEFTS IN EUROPE
 Vesna Koželj
- DEVELOPING AND STANDARDIZING A CENTER OF EXCELLENCE FOR CLEFT AND CRANIOFACIAL SURGERY IN A DEVELOPING COUNTRY LIKE INDIA**
 Srinivas Gosla Reddy

Room Elafiti 3

- 16.30 — 18.00 **Session 24.**
MICROSURGICAL RECONSTRUCTION IN HEAD AND NECK I
 Chairmen: Testelin S. (France), Dorafshar A. (USA), Milenović A. (Croatia)
- 16.30 0-2401 **TOTAL FACE, DOUBLE JAW AND TONGUE TRANSPLANTATION: A PARADIGM SHIFT**
 Amir Dorafshar*, Branko Bojovic, Michael Christy, Daniel Borsuk, Emile Brown, Mary Hyder, Rolf Barth, Thomas Scalea, Stephen Bartlett, Eduardo Rodriguez, USA
- 16.45 0-2402 **ALLOGENIC SUBMANDIBULAR GLAND TRANSPLANTATION FOLLOWING HEMATOPOIETIC STEM CELL TRANSPLANTATION**
 Hans-Christian Jacobsen*, Samer Hakim, Thomas Trenkle, Martin Nitschke, Philipp Steven, Peter Sieg, Germany
- 16.53 0-2403 **ALGORITHM DIFFERENTIATED APPROACH TO MICROSURGICAL RECONSTRUCTION OF MAXILLO-FACIAL ZONE IN ONCOLOGY.**
 Igor Reshetov*, Valery Chissoy, Andrey Polyakov, Oleg Matorin, Mickhael Ratushny, Russian Federation
- 17.01 0-2404 **CONCEPTS OF MICROSURGICAL RECONSTRUCTION AFTER TUMOUR RESECTION — SURVEY OVER EUROPE IN 2011**
 Katinka Kansy*, Jean-Baptiste Kopp, Andreas Müller, Thomas Mücke, Heiko Kerkmann, Niels Schuck, Frank Hölzle, Klaus Dietrich Wolff, Juergen Hoffmann, Hans-Florian Zeilhofer, Germany
- 17.09 0-2405 **CONCEALED APPROACHES FOR MICROVASCULAR RECONSTRUCTION**
 Sylvie Testelin*, Stephanie Dakpe, Benjamin Guichard, Julien Davrou, Cecilia Neiva, Cyril Voisin, Bernard Devauchelle, France
- 17.17 0-2406 **RETROSPECTIVE ANALYSIS OF 166 CONSECUTIVE FREE FLAPS**
 Joke De Ceulaer*, Johan Abeloos, Philippe Lamoral, Frank Lippens, Krisztian Nagy, Nathalie Neyt, Gwen Swennen, Calix De Clercq, Belgium
- 17.25 0-2407 **FASCIOCUTANEOUS FLAPS IN HEAD AND NECK RECONSTRUCTION**
 Živorad Nikolić*, Jelena Jeremić, Serbia
- 17.33 0-2408 **FUNCTIONAL AND AESTHETIC REHABILITATION OF PATIENTS WITH COMBINED DEFECTS OF THE FACE AFTER MICROSURGICAL AUTOTRANSPLANTATION.**
 Verbo Elena, Nerobeev Alexander, Ordzhonikidze Mikhail*, Filippov Igor, Russian Federation
- 17.41 0-2409 **STEREOLITHOGRAPHIC MODEL-GUIDED PLANNING FOR HEAD AND NECK MICROSURGICAL RECONSTRUCTION**
 Stefano Valsecchi, Stefano Riccio, Paolo Formillo*, Paolo Ronchi, Giordana Bettini, Carlo Gervasoni, Alberto Bedogni, Italy
- 17.49 Discussion

Room Elafiti 4

- 16.30 — 18.00 **Session 25.**
SURGERY FOR FACIAL PARALYSIS
 Chairmen: Biglioli F. (Italy), Verbo E. (Russian Federation), Ferri A. (Italy)
- 16.30 0-2501 **DOUBLE INNERVATION IN FREE-FLAP SURGERY FOR LONG STANDING FACIAL PARALYSIS: A PRELIMINARY STUDY.**
 Federico Biglioli*, Valeria Colombo*, Marco Pedrazzoli, Valeria Battista, Filippo Tarabbia, Federica Giovanditto, Alice Frigerio, Dimitri Rabbiosi, Italy
- 16.37 0-2502 **CROSS-FACIAL NERVE GRAFTING FOR ONE-STAGE FACIAL REANIMATION: PRINCIPLES, INDICATIONS, AND SURGICAL PROCEDURE**
 Andrea Ferri*, Bernardo Bianchi, Silvano Ferrari, Chiara Copelli, Pietro Boni, Massimiliano Leparati, Enrico Sesenna, Italy
- 16.44 0-2503 **CROSS-FACE NERVE GRAFT + PLATISMA MUSCLE GRAFT TO RESTORE EYELID CLOSURE AND BLINKING IN FACIAL PARALYSES**
 Federico Biglioli*, Valeria Colombo, Filippo Tarabbia, Dimitri Rabbiosi, Marco Pedrazzoli, Federica Giovanditto, Fernanda Sidequersky, Andrea Mapelli, Chiarella Sforza, Italy
- 16.51 0-2504 **RESTORATION OF BLINKING REFLEX WITH TEMPORALIS MIOFASCIAL FLAP IN FACIAL PARALYSIS**
 Riccardo Tieghi*, Luigi C. Clauser, Giuseppe Consorti, Italy
- 16.58 0-2505 **FACIAL ANIMATION IN PATIENTS WITH MOEBIUS AND MOEBIUS-LIKE SYNDROMES**
 Bernardo Bianchi*, Andrea Ferri, Silvano Ferrari, Chiara Copelli, Pietro Boni, Massimiliano Leparati, Enrico Sesenna, Italy
- 17.05 0-2506 **MASSETERIC NERVE IN FACIAL ANIMATION TECHNIQUES**
 Andrea Ferri*, Bernardo Bianchi, Silvano Ferrari, Chiara Copelli, Pietro Boni, Massimiliano Leparati, Enrico Sesenna, Italy
- 17.12 Discussion
- Room Elafiti 4**
- 17.20 — 18.00 **BIRTHDAY OF PROF. LUHR**
 Moderator : Jorg Wiltfang
PROF. LUHR'S IMPACT ON AMERICAN MFS
 Edward Ellis, USA
FROM THE IDEA TO REALITY, EVOLUTION OF RIGID FIXATION IN CRANIOFACIAL SURGERY
 Hans Luhr, Germany
HOW I EXPERIENCED THE DEVELOPMENT OF PLATES BY HANS LUHR
 Karsten Gundlach, Germany

Room Olipa 1-3, Hotel President

- 16.30 — 18.00 **Meeting with Guest Society**
AOCMF SYMPOSIUM
NEW TECHNOLOGIES IN ONCOLOGIC RECONSTRUCTIVE SURGERY
 Moderator: Edward Ellis (USA)
- PREFORMED RECONSTRUCTION PLATES IN ONCOLOGIC RECONSTRUCTIVE SURGERY**
 Reiner Schmelzeisen, Marc Metzger, Carl-Peter Cornelius (Germany)
- INDIVIDUAL COMPUTER-BASED PLANNING FOR MANDIBLE RECONSTRUCTION**
 Michael Ehrenfeld, Gerhardt Mast (Germany)
- INDIVIDUAL COMPUTER-BASED PLANNING FOR MIDFACE RECONSTRUCTION**
 Nils-Claudius Gellrich, Eckhardt (Germany)

Room Elafiti 1–2

- 18.00 — 19.00 **EACMF GENERAL ASSEMBLY**
- 20.00 **Gala Dinner**

FRIDAY, SEPTEMBER 14TH**MASTERCLASSES****Room Olipa 1, Hotel President**

- 07.30 — 8.45 **CORRECTION OF ASYMMETRIES IN CHILDREN AND ADULTS**
 Speaker: Gert Santler, Austria

Room Olipa 2, Hotel President

- 07.30 — 8.45 **OTOPLASTY TECHNIQUES**
 Speaker: Ira D. Papel, USA

Room Olipa 3, Hotel President

- 07.30 — 8.45 **THE PRINCIPLES OF TREATMENT OF WAR INJURIES**
 Speaker: Naranđa Aljinović Ratković, Croatia

Room Tajan, Hotel President

- 07.30 — 8.45 **A COMBINED SURGICAL AND ORTHODONTIC PROGRAM FOR MANDIBULAR DISTRACTION**
 Speaker: Joseph McCarthy, USA

Room Ruda, Hotel President

- 07.30 — 8.45 **ANTERIOR SKULL BASE SURGERY – OPEN VS. ENDOSCOPIC APPROACHES**
 Speaker: Lawrence Marentette, USA

Room Elafiti 1

- 09.00 — 11.00 **Meeting with Guest Society**
JAPANESE SOCIETY OF ORAL AND MAXILLOFACIAL SURGEONS
CONTEMPORARY MANDIBULAR RECONSTRUCTION
 COMBINED APPLICATION OF SCAPULAR OSTEOCUTANEOUS AND LATISMUS DORSI MYOCUTANEOUS FLAPS FOR RECONSTRUCTION OF THE MANDIBLE: TECHNICAL DEVELOPMENT FOR IMPROVING POST-OPERATIVE FORM AND FUNCTION
 Tetsuro Yamashita, Michihiro Ueda, Japan
- CONTEMPORARY MANDIBULAR RECONSTRUCTION USING A CUSTOM-MADE TITANIUM-MESH TRAY WITH AUTOGENOUS PARTICULATE CANCELLOUS BONE AND MARROW**
 Yoshiki Hamada, Japan
- THE PRESENT AND FUTURE OF BONE REGENERATIVE MEDICINE IN THE ORAL AND MAXILLOFACIAL AREA**
 Tsuyoshi Takato, Japan

Room Elafiti 2

- 09.00 — 11.00 **Session 26.**
BISPHOSPHONATE RELATED DISEASE
 Chairmen: Otto S. (Germany), Kwon T.G. (Republic of Korea), Formillo P. (Italy)
- 09.00 0-2601 **BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAWS: CLINICAL SERIES AND TREATMENT PROTOCOL**
 Josep Rubio Palau*, Sheyla Sironvalle Soliva, Jose Ignacio Iriarte Ortabe, Spain
- 09.07 0-2602 **THE IMPACT OF BISPHOSPHONATE TYPE, LOCAL CONCENTRATION AND ACIDIC MILIEU ON THE PATHOMECHANISM OF BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAW**
 Sven Otto*, Christoph Pautke, Ines Westphal, Joanna Schwager, Frieder Bauss, Michael Ehrenfeld, Matthias Schieker, Germany
- 09.14 0-2603 **CHARACTERISTICS, CLINICAL FEATURES, RISK FACTORS AND LOCALIZATION OF BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAW**
 Sven Otto*, Sigurd Hafner, Gerson Mast, Michael Ehrenfeld, Christoph Pautke, Germany
- 09.21 0-2604 **INTERNET-BASED DATA COLLECTION FOR BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAW IN HUNGARY**
 Tamas Vereb*, Eva Vetro, Gusztav Klenk, Laszlo Seres, Jozsef Piffko, Hungary
- 09.28 0-2605 **THE INFLUENCE OF CONCOMITANT ADMINISTRATION OF PREDNISOLONE WITH ALENDRONATE ON THE OCCURRENCE RATE OF OSTEONECROSIS OF THE JAWS. OBSERVATIONS FROM A CASE CONTROLLED STUDY FROM THE SOUTH EAST OF SCOTLAND.**
 Stephanie Sammut*, Nick Malden, Victor Lopes, UK
- 09.35 0-2606 **EXAMINATION OF THE MICROCIRCULATORY CONSEQUENCES OF CHRONIC ZOLEDRONIC ACID TREATMENT IN A RAT MODEL.**
 Ágnes Janovszky*, Renáta Varga, Andrea Szabó, Garab Dénes, Mihály Boros, József Piffkó, Hungary
- 09.42 0-2607 **THE ROLE OF ACTINOMYCES IN OSTEOPATHOLOGY OF THE JAWS ASSOCIATED WITH BONE RESORPTION INHIBITORS**
 Jeannette Astrid Von Jackowski, Christine Jacobsen*, Switzerland
- 09.49 0-2608 **CASE REPORT: BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAWS FOLLOWING TO DENTAL IMPLANTATION**
 Birte Siegmund*, Jan-Hendrik Lenz, Anton Schubert, Boris Niederquell, Bernhard Frerich, Germany
- 09.54 Discussion

- 10.04 0-2609 **EXPERIENCE OF BIONJ TREATMENT IN CANCER PATIENTS**
 Natalia Zaslavskaya*, Aleksey Drobyshev, Alexandr Volkov, Svetlana Tarasenko, Tatiana Shipkova, Russian Federation
- 10.11 0-2610 **TREATMENT OUTCOMES OF THE BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAW IN PATIENTS WITH OSTEOPOROSIS AND MALIGNANT BONE DISEASE.**
 Ho-Jin Lee*, Tae-Geon Kwon, Republic of Korea
- 10.18 0-2611 **REHABILITATION IN PATIENTS AFTER BRONJ – ARE IMPLANTS POSSIBLE OR FORBIDDEN?**
 Yorck Zebuhr*, Austria
- 10.25 0-2612 **RESECTION AND MICROVASCULAR RECONSTRUCTION OF BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAWS – THE ROLE OF MICROVASCULAR RECONSTRUCTION**
 Tiago Neto*, Ricardo Horta, Rui Balhau, Lígia Coelho, Pedro Silva, Isabel Pinto, Inês Correia-Sá, Álvaro Silva, Portugal
- 10.32 0-2613 **EXTRA-PLATYSMATIC FIXATION OF BISPHOSPHONATE-RELATED MANDIBULAR FRACTURES: A SUGGESTED TECHNICAL SOLUTION.**
 Federico Biglioli*, Marco Pedrazzoli, Mario Ferrari, Dimitri Rabbiosi, Roberto Bazzacchi, Giacomo Colletti, Karim Tewfik, Davide Vallassina, Luca Autelitano, Italy
- 10.39 0-2614 **MESENCHYMAL STEM CELLS (MSCS) VS PLATELET-RICH PLASMA (PRP) EFFECTS IN THE TREATMENT OF BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAWS – CLINICAL STUDY.**
 Ladislav Czakó*, Dušan Hirjak, Štefan Zmeko, Luboš Vanko, Slovakia
- 10.46 0-2615 **ROLE OF OZONE THERAPY IN THE TREATMENT OF BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAWS: OUR EXPERIENCE.**
 Stefano Riccio, Paolo Formillo*, Sarah Colombo, Madia Pompilio, Massimo Maniezzo, Italy
- 10.53 Discussion

Room Elafiti 3

- 09.00 — 11.00 **Session 27.**
MEDICAL ONCOLOGY
 Chairmen: Kolk A. (Germany), Koch F.P. (Germany), Konstantinović V. (Serbia)
- 09.00 0-2701 **THE ROLE OF THE HEPARANASE GENE IN ORAL CANCER DIFFERENTIATION**
 Yoav Leiser*, Imad Abu-El-Naaj, Israel Vladvasky, Micha Peled, Israel

- 09.08 0-2702 ANALYSIS OF ONCOGENES AND TUMOR SUPPRESSOR GENES ALTERATIONS IN HISTOPATHOLOGICAL TUMOR FREE SURGICAL MARGINS IN PATIENTS WITH ORAL SQUAMOUS CELL CARCINOMA AND COMPARISON WITH SURVIVAL AND RECURRENCE RATE**
 Drago Jelovac*, Vitomir Konstantinović, Nadja Nikolić, Branislav Ilić, Branka Popović, Jelena Milašin, Serbia
- 09.16 0-2703 PARAOXONASE-2 (PON-2) EXPRESSION IN FOUR HEAD AND NECK CARCINOMA CELL LINES AS POTENTIAL PREDICTOR OF RESISTANCE AGAINST RADIOTHERAPY – A PILOT STUDY**
 Maximilian Krüger*, Moergel Maximilian, Bilal Al-Nawas, Sven Horke, Wilfried Wagner, Germany
- 09.24 0-2704 MUTATION IN PIK3CA ONCOGENE IN ORAL SQUAMOUS CELL CARCINOMA: OUR RESULTS IN A SERIES OF 99 PATIENTS**
 María Pombo*, Jose Luis López-Cedrún, Ramón Escudero, Gonzalo Hernández, Jorge Arenaz, Ramón Luaces, Inés Vázquez, Fernanda Lorenzo, Ana Otero, Nicolás Carral, Spain
- 09.32 0-2705 TUMOUR MOLECULAR BIOLOGY ASSOCIATED TO THE DIAGNOSIS IN LATE STAGE ORAL CANCER: A TISSUE MICROARRAY STUDY**
 Ana Otero-Rico*, Inés Vázquez-Mahía, Álvaro García-Rozado, Ramón Luaces-Rey, Augusto Álvarez-García, Juan Manuel Seoane-Romero, María Pombo-Castro, Jose Luis López-Cedrún, Spain
- 09.40 0-2706 THE USE OF QUANTITATIVE GENE EXPRESSION FOR DIAGNOSIS OF ORAL LESIONS BY MOLECULAR BIOMARKERS**
 Felix Peter Koch*, Tassilo Hug, Mark Linggen, Wilfried Wagner, Ravi Mehotra, Germany
- 09.48** Discussion
- 10.03 0-2707 EXPRESSION PROFILE OF ANGIOGENESIS RELATED GENES IN HEAD AND NECK SQUAMOUS CELL CARCINOMA**
 Susanne Jung*, Sonja Sielker, Nicolai Purcz, Christoph Sproll, Johannes Kleinheinz, Germany
- 10.11 0-2708 IN VIVO AND IN VITRO STUDIES OF ACRIFLAVINE IN TUMOR PROGRESSION OF NASAL SQUAMOUS CELL CARCINOMA**
 German Macia*, Pedro Cuevas, Javier Angulo, Begoña Cuevas, Fernando Noguerales, Julio Acero Sanz, Spain
- 10.19 0-2709 A FURTHER STEP IN PERSONALIZED MEDICINE OF HEAD AND NECK CANCER PATIENTS: EXPRESSION OF Y-BOX-BINDING PROTEIN YB-1 ALLOWS STRATIFICATION INTO LONG- AND SHORT-TERM SURVIVORS**
 Andreas Kolk*, Karin Mengele, Marco Kesting, Klaus-Dietrich Wolff, Oliver Bissinger, Marcus Kremer, Per Sonne Holm, Germany
- 10.27 0-2710 TARGETED THERAPIES IN HEAD AND NECK CARCINOMAS : COMBINING CETUXIMAB WITH SORAFENIB**
 Caroline Racz*, Antoine Galmiche, Sylvie Testelin, Ludovic Arzul, Bruno Chauffert, Bernard Devauchelle, France
- 10.35 0-2711 DETERMINATION OF CONTAMINATION OF SURGICAL FIELD IN HEAD AND NECK ONCOLOGICAL SURGERY**
 Maciej Mazurek*, Maciej Rysz, Filip Nowakowski, Janusz Jaworowski, Romuald Krajewski, Stanisław Starościk, Marek Pietras, Poland
- 10.43** Discussion
- Room Elafiti 4**
- 09.00—11.00 Session 28.**
- CUSTOM-MADE IMPLANTS**
 Chairmen: Boelen E. (Netherlands), Aitasalo K. (Finland), Uglesic V. (Croatia)
- 09.00 0-2801 THE WORLD'S FIRST 3D PRINTED FULL JAW REPLACEMENT**
 Jules Poukens, Maikel Beerens, Erik Boelen*, Ingeborg Van Kroonenburgh, David Koper, Michaël Daenen, Carsten Engel, Peter Merceles, Jos Vander Sloten, Ivo Lambrechts, Netherlands
- 09.08 0-2802 CAD-ASSISTED MANDIBULAR RECONSTRUCTION USING CUSTOM-MADE TITANIUM MESH TRAY AND PARTICULATE CANCELLOUS BONE AND MARROW HARVESTED FROM BILATERAL POSTERIOR ILIA**
 Hiroyuki Yamada*, Kazutoshi Nakaoka, Toshikatsu Horiuchi, Kenichi Kumagai, Tomoko Ikawa, Yuko Shigeta, Mitsuyoshi Iino, Takumi Ogawa, Yoshiki Hamada, Japan
- 09.16 0-2803 RECONSTRUCTION OF MANDIBULAR DEFECTS USING "DIRECT" CAD CAM TECHNOLOGY**
 Claudio Marchetti*, Simona Mazzoni, Leonardo Ciocca, Roberto Scotti, Italy
- 09.24 0-2804 PATIENT SPECIFIC IMPLANTS: STATE-OF-THE-ART**
 Maikel Beerens, Jules Poukens, Erik Boelen*, Netherlands
- 09.32 0-2805 NOVEL JAWBONE RECONSTRUCTION USING TAILOR-MADE TITANIUM DEVICES**
 Tomoki Sumida*, Yohei Fujita, Akiko Ishikawa, Ryuichi Murase, Hiroyuki Hamakawa, Japan
- 09.40 0-2806 THE ROLE OF COMPUTER ASSISTED DESIGN AND MANUFACTURING IN CONGENITAL CRANIOFACIAL RECONSTRUCTION**
 Amir Dorafshar*, Mitch Seruya, Daniel Borsuk, United States
- 09.48 0-2807 PEEK-CUSTOM MADE IMPLANTS FOR FACIAL RECONSTRUCTION OF COMPLEX CRANIOFACIAL MALFORMATIONS**
 Frederic Lauwers*, Florian Jalbert, Jocelyn Ozeel, Ambre De Beraïl, Franck Boutault, France
- 09.56** Discussion
- 10.04 0-2808 CRANIOFACIAL BONE RECONSTRUCTION WITH A NOVEL BIOACTIVE COMPOSITE IMPLANT**
 Kalle Aitasalo*, Jami Rekola, Jaakko Piitulainen, Pekka Vallittu, Finland

- 10.12 0-2809 **USE OF CUSTOM MADE IMPLANTS IN THE RECONSTRUCTION OF COMPLEX CRANIO-ORBITO-ZYGOMATIC DEFECTS: TEN YEARS EXPERIENCE.**
Giovanni Gerbino*, Franescsa Antonella Bianchi, Emanuele Zavattero, Massimo Fasolis, Sid Berrone, Italy
- 10.20 0-2810 **COMPUTER-AIDED ORBITAL WALL DEFECTS TREATMENT BY PATIENT SPECIFIC POLYETHYLENE IMPLANTS**
Marcin Kozakiewicz*, Poland
- 10.28 0-2811 **RECONSTRUCTION OF LARGE SKULL FULL-THICKNESS DEFECTS WITH PATIENT-SPECIFIC COMPUTER-AIDED DESIGNED POROUS TITANIUM IMPLANTS**
Laurent Ory*, Blandine Ruhin-Poncet, Thomas Schouman, Lina Marie Ramirez, Pierre Haen, Jacques Chardain, Guillaume Dubois, Frederic Barere, Chloe Bertolus, Patrick Goudot, France
- 10.36 0-2812 **RESECTION AND RECONSTRUCTION OF LARGE FRONTO-ORBITAL LESIONS IN A SINGLE STEP PROCEDURE WITH CUSTOM MADE IMPLANTS.**
Jalbert Florian*, Pronost Xavier, Noyelles Leslie, Boetto Sergio, Schmidt Eric, Lauwers Frederic, France
- 10.44 0-2813 **A NEW BIOACTIVE PROSTHESIS FOR HARD TISSUE AUGMENTATION OF THE FACIAL SKELETON: HISTOLOGICAL RESULTS.**
Antonio D'Agostino*, Lorenzo Trevisiol, William G. Arnett, Michael J. Gunson, Federica Pedica, Nadia Toller, Pier Francesco Nocini, Italy
- 10.52 Discussion
- 11.00 — 11.30 **Coffee break- Exhibition Visit**
- Room Elafiti 1-2**
- 11.30 — 12.15 **Keynote lecture Edward Ellis, USA**
THE ROLE OF FACIAL ESTHETICS IN ORTHOGNATHIC TREATMENT PLANNING
Introduction by Naranda Aljinović Ratković
- 12.15 — 13.00 **Keynote lecture Luigi Clauser, Italy**
FUNCTIONAL, MORPHOLOGICAL & AESTHETIC REHABILITATION IN ENDOCRINE ORBITOPATHY
Introduction by Henry Kawamoto, USA
- Room Elafiti 3**
- 11.30 — 13.00 **Session 29.**
MICROSURGICAL RECONSTRUCTION IN HEAD AND NECK II
Chairmen: Hölzle F. (Germany), Takato T. (Japan), Cai Z. (China)
- 11.30 0-2901 **MANDIBULAR RECONSTRUCTION WITH VASCULARIZED ILIAC CREST FLAP: IS PREOPERATIVE STEREO SIMULATION NECESSARY?**
Julien Davrou*, Ghassan Bitar, Stéphanie Dakpé, Benjamin Guichard, Bernard Devauchelle, France
- 11.38 0-2902 **SURGICAL PLANNING OF ORO – MANDIBLE RECONSTRUCTION WITH ASIS SPARED DCIA FLAP**
Valentino Valentini*, Andrea Battisti, Andrea Cassoni, Valentini Terenzi, Gian Marco Prucher, Marco Della Monaca, Italy
- 11.46 0-2903 **FIBULA FREE FLAP RECONSTRUCTION FOR SEGMENTAL MANDIBULAR DEFECTS**
Emanuele Zavattero*, Guglielmo Ramieri, Paolo Garzino-Demo, Massimo Fasolis, Giulia Tanteri, Francesca Antonella Bianchi, Paolo Forni, Sid Berrone, Italy
- 11.54 0-2904 **ORAL REHABILITATION AFTER JAW RECONSTRUCTION USING AN OSTEOCUTANEOUS FIBULA FREE FLAP AND ENDOSSEOUS IMPLANTS**
Sameh Attia*, Heidrun Schaaf, Philipp Streckbein, Hans-Peter Howaldt, Germany
- 12.04 0-2905 **EVALUATION OF MANDIBULAR MOVEMENTS AND GAIT ANALYSIS AFTER FREE FIBULA FLAP FOR RECONSTRUCTION IN HEAD AND NECK DEFECTS.**
Ali Youssef Doris*, D'orto Ornella, Bolzoni Alessandro, Beltramini Giada Anna, Gianni Aldo Bruno, Sforza Chiarella, Italy
- 12.12 0-2906 **MAGNETIC RESONANCE ANGIOGRAPHY FOR PREOPERATIVE ASSESSMENT OF OSTEOFASCIOCUTANEOUS FIBULAR FLAP**
Alena Kulyapina*, Santiago Ochandiano Caycoia, Manel Coll Anglada, Veronica Pérez García, Julio Acero Sanz, Carlos Navarro Vila, Spain
- 12.20 0-2907 **FACTORS INFLUENCING MANDIBLE RECONSTRUCTION AND REHABILITATION BY MEANS OF FIBULA FREE FLAP.**
Manlio Gessaroli*, Angelo Campobassi, Massimiliano Manfredi, Massimo Bassi, Italy
- 12.28 0-2908 **ASSESSMENT OF DYNAMIC BALANCE AND ANKLE INSTABILITY IN PATIENTS FOLLOWING FIBULA FREE FLAP HARVEST USING THE STAR EXCURSION TEST**
Ketan Shah*, Stephen Crank, Martin Cope, UK
- 12.36 0-2909 **FULLY 3D DIGITALLY PLANNED RECONSTRUCTION OF CRANIOFACIAL DEFECTS WITH FREE VASCULARISED FIBULA AND DENTAL IMPLANTS FOR IMMEDIATE PROSTHETIC LOADING**
Max Witjes*, Gerry Raghoobar, Jan Roodenburg, Harry Reintsema, Lars Lahoda, Rutger Schepers, Netherlands
- 12.44 0-2910 **SPECIAL ASPECTS REGARDING FUNCTIONAL REHABILITATION FOLLOWING MANDIBLE RECONSTRUCTION USING OSSEUS AND OSTEOCUTANEOUS FIBULA TRANSPLANT**
Samer George Hakim*, Hans Christian Jacobsen, Thomas Trenkle, Peter Sieg, Germany
- 12.52 Discussion

Room Elafiti 4

- 11.30 — 13.00 **Session 30.**
SKULL BASE SURGERY
 Chairmen: Marentette L. (USA), Kraus D. (USA), Sándor G. (Finland)
- 11.30 0-3001 **EVOLUTION OF THE INNER EAR AND ITS INFLUENCE ON THE CRANIAL BASE**
 Alexandra Kunz*, Charalampos Iliadis, United States
- 11.38 0-3002 **SURGICAL TREATMENT IN EXTENSIVE SKULL BASE TUMOURS**
 Viorel Ibric Cioranu, Iulian Fagetean, Mihai Rusu, Vlad Petrescu-Seceleanu*, Romania
- 11.46 0-3003 **SINONASAL TUMORS WITH ORBITAL INVOLVEMENT: THE COMBINED APPROACH**
 Alexandre Anesi*, Giuseppe Pollastri, Sara Barberini, Luigi Chiarini, Italy
- 11.54 0-3004 **EXTERNAL APPROACHES TO THE NOSE AND PARANASAL SINUSES TUMOURS**
 Maria Jose Nieto Fernandez-Pacheco*, Jose Luis Cebrián, Eduard Mirada, Daniel García Molina, Javier González, Miguel Burgeño, Spain
- 12.04 0-3005 **REGIONAL PEDICLED FLAP RECONSTRUCTION OF ANTERIOR AND ANTERO-LATERAL CRANIAL BASE DEFECTS WITH ORBITAL EXENTERATION**
 Omar Hussain*, Farya Domah, Austen Smith, Afshin Yousefpour, UK
- 12.12 0-3006 **NAVIGATION-ASSISTED TRANS-ORAL APPROACH USING LE FORT I OSTEOTOMY WITH MIDPALATAL SPLIT TO TREAT COMPRESSIVE PATHOLOGIES OF THE CRANIOVERTEBRAL JUNCTION.**
 György Sándor*, Leena Ylikontiola, Niina Salokorpi, Jarkko Korpi, Timo Kumpulainen, Finland
- 12.20 0-3007 **TRANS-ORAL POSTERIOR MAXILLARY CRANIOFACIAL SURGERY TO PLACE A SPHENOPALATINE GANGLION (SPG) NEUROSTIMULATOR FOR TREATMENT OF CHRONIC CLUSTER HEADACHE (CCH): PATHWAY CH-1 STUDY SURGICAL EXPERIENCE.**
 Søren Hillerup, Alain Wilmont, Miguel Puche, Philipp Pohlenz, Oliver Müller, Denys Fontaine, Marco Blessmann, Anthony Caparso, Frank Papay*, United States
- 12.28 0-3008 **TRANS-ORAL POSTERIOR MAXILLARY CRANIOFACIAL SURGERY TO PLACE A SPHENOPALATINE GANGLION (SPG) NEUROSTIMULATOR FOR TREATMENT OF CHRONIC CLUSTER HEADACHE (CCH): PATHWAY CH-1 STUDY – HAMBURG, GERMANY SURGICAL EXPERIENCE.**
 Marco Blessmann*, Alexander Assaf, Jan Klatt, Philipp Pohlenz, Tim Jürgens, Max Heiland, Arne May, United States
- 12.36 0-3009 **A CASE OF METALLIC FOREIGN BODY IN THE INFRATEMPORAL FOSSA**
 Orlando Cipriani, Flavia Maria Graziana Fatone*, Giulia Amodeo, Stefano Righini, Piero Papi, Domenico Scopellitti, Italy

- 12.41 0-3010 **VIRTUAL VERSUS FLEXIBLE NASOENDOSCOPY: AN ALTERNATIVE AIRWAY ASSESSMENT TOOL IN HEAD AND NECK SURGERY?**
 Natalie Tabares*, Kavin Andi, Richard Oakley, UK
- 12.48 Discussion
- 13.00 — 14.00
- Lunch break**
- 14.00 — 16.00 **Room Elafiti 1**
Meeting with Guest Society
KOREAN CLEFT PALATE CRANIOFACIAL ASSOCIATION
TREATMENT OF HEMIFACIAL MICROSOMIA & MICROTIA
 Moderators: Young Bae Kim (Korea), Kung Suck Koh (Korea)
- TREATMENT PROTOCOL OF HEMIFACIAL MICROSOMIA (DIFFERENCES BETWEEN KOREA AND EUROPE)**
 So Young Lim, Korea
- DISTRACTION OSTEOGENESIS FOR MANDIBLE CORRECTION**
 Dae Hyun Lew, Korea
- ORTHODONTIC TREATMENT FOR PRE-INTRA-POST DOG**
 Soon Man Kwon, Korea
- TWO JAW SURGERY FOR ASYMMETRY CORRECTION**
 Byung Chae Cho, Korea
- SOFT TISSUE AUGMENTATION FOR FACIAL CONTOUR**
 Jong Woo Choi, Korea
- EAR RECONSTRUCTION FOR MICROTIA**
 Chul Park, Korea
- Room Elafiti 2**
- 14.00 — 16.00 **Session 31.**
SURGERY OF THE ORAL CAVITY & INFECTION
 Chairmen: Szalma J. (Hungary), Stea S. (Italy)
- 14.00 0-3101 **APPLICATION OF MODERN HIGH-ENERGY LASERS IN PEDIATRIC DENTAL SURGERY**
 Orest Topolnitsky*, Tatiana Rodkina, Raisa Galperina, Russian Fed.
- 14.07 0-3102 **THE APPLICATION OF ER:YAG AND CO2 LASERS WHILE TREATMENT OF THE PATIENTS WITH PYOINFLAMMATORY DISEASES OF THE MAXILLOFACIAL AREA.**
 Bagrat Khurkhurov, Svetlana Tarasenko, Karina Reshtovskaya*, Yulia Sorochenko, Vadim Shulakov, Russian Federation
- 14.14 0-3103 **OUR EXPERIENCE WITH PIEZOSURGERY**
 Valerio Ramieri*, Daniele Marino, Piero Cascone, Giorgio Iannetti, Italy
- 14.21 0-3104 **IS PIEZOSURGERY BECOME INDISPENSABLE FROM NOW IN ORALMAXILLOFACIAL SURGERY?**
 Stefano Stea*, Paolo Biondi, Fausto Pasqualini, Elisabetta Sarti, Italy

- 14.28 0-3105 PEDERSON SCALE IS RELIABLE PREDICTOR FOR DIFFICULT EXTRACTION OF LOWER THIRD MOLARS REGARDING THE DURATION OF OPERATION
Arben Murtezani*, Alberto Benedetti, Teuta Pustina-Krasniqi, Johann Eichenseer, Jörg Bark, Albania
- 14.35 0-3106 INTRAOPERATIVE EXAMINATION OF THE "HIGH-RISK SIGN" DARKENING OF THE ROOT CORRELATED TO MANDIBULAR THIRD MOLAR SURGERY.
József Szalma*, Edina Lempel, László Vajta, Tamás Csuta, Sára Jeges, Lajos Olasz, Hungary
- 14.42 0-3107 HAS THE INTRODUCTION OF UK CLINICAL GUIDELINES CHANGED THE UPTAKE OF THIRD MOLAR REMOVAL? A NATIONAL 10 YEAR AUDIT
Ffion Dewi*, David Owens, Andrew Cronin, UK
- 14.49 Discussion
- 15.00 0-3108 ODONTOGENIC INFECTION – IS THERE ANY CLINICAL VALUE IN ROUTINELY SENDING OFF PUS SWABS FOLLOWING I&D OF ABSCESSSES?
Navin Vig*, Luke Cascarini, Shanil Shah, Sunveer Bhupal, UK
- 15.07 0-3109 DIFFERENT CLINICAL PRESENTATIONS OF MUCORMYCOSIS IN ORAL AND MAXILLOFACIAL REGIONS
Fereydoun Pourdanesh*, Hassan Mirmohammad Sadeghi, Islamic Republic of Iran
- 15.14 0-3110 BLINDNESS LESS THAN 24 HOURS FROM ORBITAL CELLULITIS IN AN IMMUNOCOMPROMISED PATIENT
Chai Sanapala*, UK
- 15.21 0-3111 FLUORESCIN FLUORESCENCE IMAGING AS A GUIDE FOR MAXILLECTOMY AND IMMEDIATE ILIAC FREE FLAP IN A CASE WITH CHRONIC MAXILLARY SINUSITIS RESISTANT TO CALDWELL-LUC OPERATIONS
Alexander Hemprich*, Dirk Halama, Niels Christian Pausch, Germany
- 15.28 0-3112 HOW TO USE HYPERBARIC OXYGEN THERAPY IN MAXILLOFACIAL SURGERY?
Ana Pratas*, Sérgio Sousa, Portugal
- 15.35 0-3113 THE USE OF AN ULTRASONIC BONE CURETTE IN THE SURGERY OF JAW TUMORS INVOLVING THE INFERIOR ALVEOLAR NERVE.
Paolo Garzino-Demo*, Paolo Boffano, Giulia Tanteri, Emanuele Zavattoni, Francesca Antonella Bianchi, Giovanni Gerbino, Italy
- 15.42 0-3114 SURGICAL SITE INFECTION ACCORDING TO OPERATION TIME IN MAJOR MAXILLOFACIAL SURGERY: A COHORT STUDY
Francisca Donoso Hofer*, Tomas Donoso Hofer, Ignacio Araya Cabello, Nicolas Yanine Montaner, Julio Villanueva Maffei, Chile
- 15.49 Discussion

Room Elafiti 3

14.00 — 16.00

Session 32.

MICROSURGICAL RECONSTRUCTION IN HEAD AND NECK III

Chairmen: Wolf K.D.(Germany), Uglešić V. (Croatia), Hyung Jun Kim (Republic of Korea)

- 14.00 0-3201 MICROVASCULAR RECONSTRUCTION OF THE MAXILLA AND MIDFACE - OUR EXPERIENCE WITH 53 PATIENTS
Vojko Didanović*, Andrej Kansky, Tadej Dovsak, Andreja Eberlinc, Ales Vesnaver, Miha Kocar, Luka Prodnik, Slovenia
- 14.07 0-3202 MAXILLARY RECONSTRUCTION AFTER ONCOLOGIC RESECTION: INDICATION FOR BONE CONTAINING FREE FLAPS
Massimiliano Leporati*, Bernardo Bianchi, Silvano Ferrari, Andrea Ferri, Chiara Copelli, Pietro Boni, Enrico Sesenna, Italy
- 14.14 0-3203 MORPHOLOGIC AND FUNCTIONAL REHABILITATION OF MAXILLARY DEFECTS USING MICROSURGICAL FLAPS: THE CLUJ EXPERIENCE
Cristian Dinu*, Grigore Băciuț, Iuliu Moldovan, Horatiu Rotar, Mihaela Băciuț, Ileana Mitre, Romania
- 14.21 0-3204 ANGULAR SCAPULAR OSTEO-MUSCULAR FLAP IN MAXILLARY RECONSTRUCTION
Chiara Copelli*, Silvano Ferrari, Bernardo Bianchi, Andrea Ferri, Roberto Cocchi, Enrico Sesenna, Italy
- 14.28 0-3205 TOTAL MAXILLECTOMY RECONSTRUCTION WITH PREFABRICATED TITANIUM MESH AND SOFT TISSUE FREE FLAP
Emil Dediol*, Vedran Uglešić, Predrag Knežević, Vedran Zubčić, Croatia
- 14.35 0-3206 SURGICAL ALGORITHM OF MAXILLARY RECONSTRUCTION WITH PEDICLE AND FREE FLAP: 20 YEARS EXPERIENCE OF A SINGLE INSTITUTION
Valentino Valentini*, Andrea Cassoni, Andrea Battisti, Valentina Terenzi, Paolo Priore, Marco Capriotti, Marco Della Monaca, Italy
- 14.42 0-3207 RECONSTRUCTION OF THE MANDIBULAR AND MAXILLARY DEFECTS BY MEANS OF THE REVASCULARIZED RIB GRAFTS
Ilya Tsiklin, Alexander Nikitin, Dmitry Nikitin, Vladimir Stuchilov, Alexey Harkin, Alexey Grishin, Karachunskii*, Russian Federation
- 14.49 Discussion
- 15.00 0-3208 HARVESTING OF MULTIPLE FLAPS BASED ON THE SUBSCAPULAR VASCULAR SYSTEM IN A SUPINE POSITION: OUR EXPERIENCE
Damiano Soma*, Olindo Massarelli, Roberta Gobbi, Elena Elena, Antonio Tullio, Italy
- 15.07 0-3209 FACTORS INFLUENCING AESTHETIC AND FUNCTIONAL OUTCOMES OF INTRAORAL RECONSTRUCTIONS WITH ALT FREE FLAP.
Massimo Bassi*, Gessaroli Manlio, Manfredi Massimiliano, Stacchini Marco, Ferrini Maria, Campobassi Angelo, Italy

- 15.14 0-3210 **PREFABRICATION OF A PECTORALIS MAJOR MUSCULOCUTANEOUS FLAP WITH A LATISSIMUS DORSI MUSCULOCUTANEOUS FLAP IN A RAT MODEL**
Lucia Gerzanic*, Hans Kaercher, Guenter Schultes, Gerald Zoeh, Vladimir Bubalo, Iris Wiederstein-Grasser, Austria
- 15.21 0-3211 **SURGICAL AND ANATOMY-THOPOGRAPHICAL REASONING OF THE USE OF REVASCULARISED CORTICO-PERIOSTEAL FEMUR FLAP IN MAXILLO-FACIAL DEFECTS AND DEFORMATIONS TREATMENT.**
K. Gileva E.Verbo, J.Garelik, S.Butsan*, Russian Federation
- 15.28 0-3212 **ORAL RECONSTRUCTION WITH BONE NAKED FREE FLAPS**
Valentino Valentini*, Paolo Gennaro, Andrea Battisti, Andrea Cassoni, Arianna Facchini, Marco Della Monaca, Italy
- 15.35 0-3213 **TOWARDS AN OSTEOGENIC PERIOSTEAL FREE FLAP FOR MANDIBULAR RADIONECROSIS**
Frederic Lauwers*, Raphael Lopez, Florian Jalbert, Guillaume Dubois, Franck Boutault, France
- 15.40 0-3214 **MONITORING BONE FREE FLAPS WITH MICRODIALYSIS CATHETER DIRECTLY POSITIONNED IN BONE TISSUE. PRELIMINARY RESULTS**
Stéphanie Dakpé*, Audrey Lemaire, Louise Boulart, Julien Davrou, Olivier Dunaud, Sylvie Testelin, Bernard Devauchelle, France
- 15.45 0-3215 **FLAP SURVIVAL AFTER LIGATION OF ARTERIAL PEDICLE 12 DAYS POST OPERATIVELY**
Arti Hindocha*, Tun Wildan, Philip Ameerally, UK
- 15.50 Discussion
- Room Elafiti 4**
- 14.00 — 16.00 **Session 33.**
TISSUE ENGINEERING AND CELL THERAPY
Chairmen: Müller A.A. (Switzerland), Smeets R.(Germany), Yaremenko A. (Russian Federation)
- 14.00 0-3301 **IN- VIVO MICRO TOMOGRAPHY IN ASSESMENT OF BONE- FORMATION IN BIOACTIVE SCAFFOLDS.**
Joanna Gilewicz*, Tomasz Dębski, Michał Szałwiński, Janusz Jaworowski, Tomasz Lekszycki, Poland
- 14.07 0-3302 **CLINICAL STUDY OF HAP/AGAROSE COMPOSITE GELS (HAP GEL) USED AS A BONE REGENERATIVE BIOMECHANICAL MATERIAL IN JAWBONE DEFECTS**
Soichi Iwai*, Yoshika Suzawa, Norihiko Mizuta, Hidetaka Shimizu, Mitsuru Akashi, Yoshiaki Yura, Japan
- 14.14 0-3303 **CHARACTERIZATION AND OSTEOGENIC CAPACITY OF WHARTON-JELLY MESENCHYMAL STROMAL/STEM CELLS**
Andreas Albert Mueller*, Nico Forraz, Sinan Gueven, Gianluigi Atzeni, Olivier Degoul, Aurélie Pagnon-Minot, Daniel Hartmann, Ivan Martin, Arnaud Scherberich, Colin Mcguckin, Switzerland
- 14.21 0-3304 **USE OF MESENCHYMAL BONE MARROW STEM CELLS (BMMSC) IN ORAL AND MAXILLOFACIAL SURGERY: NEWS AND PERSPECTIVES**
Giuseppe Spinelli*, Davide Rocchetta, Domenico Giannini, Domenico Valente, Italy
- 14.28 0-3305 **ISOLATION AND CHARACTERIZATION OF A POPULATION OF DENTAL PULP DERIVED STEM CELLS**
Norma O'connor*, Victor Lopes, Nick Malden, Paul Travers, UK
- 14.35 0-3306 **BONE REGENERATION THROUGH AUTOLOGOUS MESENCHYMAL STEM-CELLS CULTIVATED DENATURED PROTEIN MATRIX AND MEMBRANES. AN EXPERIMENTAL PROJECT OF BONE ENGINEERING IN SHEEPS.**
Rafael Gómez Fernández*, Luis Miguel Redondo González, Gonzalo De La Peña Varela, Beatriz Peral Cagigal, Spain
- 14.42 0-3307 **RECONSTRUCTION OF CRITICAL SIZE MANDIBULAR DEFECTS OF THE ATHYMIC RAT WITH HUMAN ADIPOSE DERIVED STROMAL CELLS (ADSC)**
Philipp Streckbein*, Sven Jäckel, Christoph Yves Malik, Martin Obert, Christopher Kähling, Jan-Falco Wilbrand, Kernt Köhler, Martin Kramer, Hans-Peter Howaldt, Germany
- 14.49 Discussion
- 14.56 0-3308 **MODIFIED SILK MEMBRANES: A NEW TOOL IN GUIDED-TISSUE REGENERATION**
Ralf Smeets*, Henning Hanken, Wolfgang Eichhorn, Ahmed Al Dam, Marco Blessmann, Andreas Kolk, Max Heiland, Germany
- 15.03 0-3309 **BIOLOGICAL MEMBRANES FOR BONE REPAIR IN MAXILLOFACIAL SURGERY**
Gindraux Florelle*, Genestier Léonie, Averlant Elise, Wajszczak Luc, Zwetyenga Narcisse, Meyer Christophe, France
- 15.10 0-3310 **BMP-2 EMBEDDED ATELOCOLLAGEN SCAFFOLD FOR TISSUE-ENGINEERED CARTILAGE CULTURED IN THE MEDIUM CONTAINING INSULIN AND TRIIODOTHYRONINE – A NEW PROTOCOL FOR THREE-DIMENSIONAL IN VITRO CULTURE OF HUMAN CHONDROCYTES**
Edward Chengchuan Ko*, Yuko Fujihara, Toru Ogasawara,, Yukiyo Asawa, Satoru Nishizawa, Satoru Nagata, Tsuyoshi Takato, Kazuto Hoshi, Taiwan
- 15.17 0-3311 **NEW APPROACH FOR DEVELOPMENT OF OSTEOPLASTIC MATERIALS. THE USE OF SCAFFOLDS WITH VEGF DNA-PLASMID FOR BONE REGENERATION IN A CRITICAL SIZE DEFECT MODEL.**
Galecky Dmitriy, Korolev Vladimir*, Deev Roman, Bozo Ilya, Isaev Aleksandr, Russian Federation
- 15.24 0-3312 **MAJOR BONE DEFECT RECONSTRUCTION WITH NANOTECHNOLOGICAL BIOACTIVE SCAFFOLD. EXPERIMENTAL STUDY ON RATS.**
Joanna Gilewicz*, Tomasz Dębski, Janusz Jaworowski, Maciej Ryz, Poland

- 15.31 0-3313 **INDIVIDUAL BIODEGRADABLE IMPLANTS USING SELECTIVE LASER MELTING TECHNIQUE AS A NEW WAY OF FACIAL BONE RECONSTRUCTION: IN VITRO AND IN VIVO ANALYSIS**
Ralf Smeets*, Henning Hanken, Ahmed Al Dam, Wolfgang Eichhorn, Robert Köhnke, Markus Lindner, Horst Fischer, Max Heiland, Germany
- 15.38 0-3314 **RECOMBINANT HUMAN BONE MORPHOGENETIC PROTEIN—2 CONFINED BY AN IMPERFORATE TITANIUM SHELL OVER HIGH-PROFILE DENTAL IMPLANTS IN RABBIT TIBIAE: A PILOT BONE AUGMENTATION STUDY.**
Zvi Laster*, Amir Laviv, Meir Debecco, Michael Alterman, Ole Jensen, Jared Cottam, Nardy Casap, Israel
- 15.45 0-3315 **THE ROLE OF AUTOLOGOUS CULTURED FIBROBLASTS IN THE RECONSTRUCTION OF ANOPHTHALMIC ORBIT**
Alvaro Rivero Calle, Ignacio Ismael García Recuero*, Ana Isabel Romance García, Ana Barceló, Álvaro Meana, Spain
- 15.52 Discussion
- 16.00—16.30 **Coffee break- Exhibition Visit**

Room Elafiti 1

- 16.30—18.00 **Meeting with Guest Society**
- NORTH AMERICAN SKULL BASE SOCIETY**
- MANAGEMENT OF MALIGNANCY OF THE ANTERIOR SKULL BASE AND INFRATEMPORAL FOSSA**
Moderator: Denis Kraus (USA)
- MANAGEMENT OF NEOPLASMS INVOLVING THE INFRATEMPORAL FOSSA**
Dennis Kraus (USA)
- SUBFRONTAL AND CLASSIC CRANIOFACIAL APPROACHES TO THE SKULL BASE**
Lawrence Marentette (USA)
- INTRACRANIAL CONSIDERATIONS FOR SINONASAL CANCER IN SKULL BASE SURGERY**
Franco DeMonte (USA)
- INDICATIONS AND CONTRAINDICATIONS FOR ENDOSCOPIC RESECTION OF SINONASAL CANCER IN ANTERIOR SKULL BASE RESECTION**
Ian Witterick (USA)

Room Elafiti 2

- 16.30—18.00 **Session 34.**
- BENIGN LESIONS OF THE FACIAL BONES**
Chairmen: Mohamed Bahaa Al (Egypt), Pimentel F. (Portugal), Orihovac Ž. (Croatia)
- 16.30 0-3401 **FIBRO-OSSEUS LESIONS IN CRANIOFACIAL AREA: OUR EXPERIENCE AND REVIEW OF LITERATURE**
Aldo Suarez*, Carmen Baquero, Manuel Minguez, Miguel Floria, Jose Barea, Spain
- 16.38 0-3402 **METHODS OF KERATOCYSTIC ODONTOGENIC TUMOR TREATMENT**
Anna Yurivna Poghosyan, Edduard Avetisyan, Manjunath Subramanyam*, Armenia
- 16.46 0-3403 **ODONTOGENIC KERATOCYST – A CASE REPORT OF A MALIGNANT TRANSFORMATION**
Frederico Pimentel*, Hugo Martins Marques, Rute Saleiro, Carlos Monteiro, João Pedro Marcelino, Lígia Coelho, Alfredo Figueiredo Dias, Sandra Bitoque, Margarida Mesquita, Teresa Lopes, Portugal
- 16.54 0-3404 **GORHAM-STOUT SYNDROME, AN IDIOPATHIC OSTEOLYSIS OF THE MANDIBLE. CASE PRESENTATION AND REVIEW OF THE LITERATURE.**
Ignacio Ismael García Recuero*, Julio Acero Sanz, Belen Guerra, Fernando Najera Sotorrio, Victor Manuel De Paz Hermoso, Gonzalo De La Peña, German Macia, Spain
- 17.02 0-3405 **SURGICAL MANAGEMENT OF AMELOBLASTOMA: OUR EXPERIENCE AND PROTOCOL**
Luca Autelitano, Valeria M. A. Battista*, Matteo Chiapasco, Annedda Tiziana, Rabbiosi Dimitri, Colletti Giacomo, Biglioli Federico, Italy
- 17.10 0-3406 **ANALYSIS OF CELL PROLIFERATION AND APOPTOSIS AS A NEW ERA FOR MANAGEMENT OF FOLLICULAR AMELOBLASTOMA**
Mohamed Bahaa Khidr, Safaa Tohamy*, Hamed Mohamed Gad, Egypt
- 17.18 0-3407 **UNICYSTIC AMELOBLASTOMA IN AN INFANT – A TREATMENT DILEMMA**
Ariel Hirschhorn*, Marillena Vered, Amos Buchner, Gahl Greenberg, Ran Yahalom, Israel
- 17.26 0-3408 **SURGICAL TREATMENT AND RECONSTRUCTION FOR CENTRAL GIANT CELL GRANULOMA OF THE JAWS: A REVIEW OF 18 CASES.**
Paolo Tosco, Giulia Tanteri*, Manuele Zavattero, Fabio Roccia, Sid Berrone, Paolo Garzino-Demo, Italy
- 17.34 0-3409 **FRONTAL OSTEOMA – AN UNCOMMON PRESENTATION**
Frederico Pimentel*, Sandra Ferreira, João Pedro Marcelino, Hugo Martins Marques, Rute Saleiro, Sandra Bitoque, Margarida Mesquita, Teresa Lopes, Hermínio Tão, Artur Ferreira, Portugal
- 17.42 0-3410 **TOXIC PHOSPHORUS JAW OSTEONECROSIS AMONG ADDICTS TO SYNTHETIC DRUGS**
Evgeny Basin*, Yuri Medvedev, Russian Federation
- 17.50 Discussion

Room Elafiti 3

16.30 — 18.00

Session 35.

MICROSURGICAL & REGIONAL FLAPS IN HEAD AND NECK RECONSTRUCTION

Chairmen: Jacobsen H.C. (Germany), Didanović V. (Slovenia), Jeremić J. (Serbia)

- 16.30 0-3501 **SUBCLAVICULAR ROUTE FOR CEPHALIC VEIN TRANSPOSITION IN HEAD AND NECK RECONSTRUCTION WITH FREE FLAPS**
 Maria Herrero*, Fernando Almeida, Jorge Núñez, Manuel Picón, Spain
- 16.38 0-3502 **AN IMAGE PROCESSING APPROACH TO CHARACTERIZING PERFUSION OF ANASTOMOSES AND/OR MICROVASCULAR FLAPS WITH INDOCYANINE GREEN VIDEOANGIOGRAPHY IN PATIENTS WITH DIFFERENT INDICATIONS**
 Lucía Gerzanic*, Hans Kaercher, Guenter Schultes, Austria
- 16.46 0-3503 **A MODIFIED OPEN LOOP SUTURE: A RELIABLE ALTERNATIVE IN MICROVASCULAR ANASTOMOSIS**
 Raquel Villar*, Manuel Acosta, Juan Jose Haro, Benito Ramos, Antonio Gómez, Javier Trujillo, Spain
- 16.54 0-3504 **TWISTING EFFECT ON SUPERMICROANASTOMOSIS OF THE SUPERFICIAL INFERIOR EPIGASTRIC ARTERY IN A RAT MODEL**
 Mi Hyun Seo*, Soung Min Kim, Jeong Keun Lee, Hoon Myoung, Jong Ho Lee, Republic of Korea
- 17.02 0-3505 **BIOMECHANIC EVALUATION OF DONOR SITE MORBIDITY AFTER RADIAL FOREARM FREE FLAP**
 Björn Riecke*, Carsten Kohlmeier, Carsten Rendenbach, Alexandre Assaf, Robert Bartel, Philip Catalá-Lehnen, Max Heiland, Germany
- 17.10 0-3506 **DONOR SITE MORBIDITY IN ORAL AND MAXILLOFACIAL RECONSTRUCTION PROCEDURES: A REVIEW OF OUR EXPERIENCE**
 Belén Leno*, Santiago Ochandiano, Julio Acero, Carlos Navarro Cuéllar, Irene Vila, Carlos Navarro Vila, Spain
- 17.18 0-3507 **RECONSTRUCTION OF CRANIAL AND CRANIAL BASE DEFECTS USING PEDICLED FLAPS VERSUS FREE FLAPS AFTER TUMOR RESECTION**
 Dimitri Rabbiosi*, Giacomo Colletti, Valeria Colombo, Davide Valassina, Luca Autelitano, Alessandro Bardazzi, Nicola Boari, Pietro Mortini, Federico Biglioli, Italy
- 17.26 0-3508 **FUNCTIONAL OROFACIAL RECONSTRUCTION: NIS'S EXPERIENCE**
 Nikola Buric*, Dragan Krasic, Zoran Pesic, Dragan Petrovic, Ivica Vuckovic, Mirjana Buric, Serbia
- 17.34 0-3509 **DOES PECTORALIS MAJOR MYOCUTANEOUS FLAP HAVE MORE COMPLICATIONS IN AN ORAL AND MAXILLOFACIAL SURGEONS' HANDS?**
 Fereydown Pourdanesh*, Hassan Mir Mohammad Sadeghi, Reza Tabrizi, Islamic Republic of Iran

- 17.42 0-3510 **THE ROLE OF PECTORALIS MAJOR MYOCUTANEOUS FLAP IN RECONSTRUCTION OF COMPLEX HEAD AND NECK DEFECTS: A REVIEW OF 17 PATIENTS**
 Cristina Hernández Vila*, Luis Ruiz Laza, Laura Villanueva Alcojol, David González Ballester, Isidoro Rubio Correa, Manuel Moreno Sánchez, Spain
- 17.50 Discussion

Room Elafiti 4

16.30 — 18.00

Session 36.

DISTRACTION OSTEOGENESIS

Chairmen: Mc Carthy J.(USA), Galiè M. (Italy), Zemann W.(Switzerland)

- 16.30 0-3601 **SIGNIFICANCE OF DISTRACTION OSTEOGENESIS IN CRANIOMAXILLOFACIAL SURGERY — 10 YEARS OF EXPERIENCE OF ONE CENTRE**
 Nicolai Adolphs*, Nicole Ernst, Horst Menneking, Bodo Hoffmeister, Germany
- 16.38 0-3602 **CRANIOSYNOSTOSIS TREATMENT USING POSTERIOR CRANIAL VAULT DISTRACTOIN OSTEOGENESIS IN 16 CASES**
 Leena Ylikontiola*, György Sándor, Niina Salokorpi, Willy Serlo, Finland
- 16.46 0-3603 **ZYGOMATIC DISTRACTION OSTEOGENESIS FOR CORRECTION OF MID-FACIAL SUPPORT AFTER HEMIMAXILLECTOMY: EXPERIENCE AND TECHNICAL CONSIDERATIONS.**
 Ana Capote-Moreno*, Luis Naval-Gias, Mario F Muñoz-Guerra, Francisco J Rodriguez-Campo, Juan Fernandez, Tamara Garcia-Jimenez, Bogdan Stavaru, Guillermo Triana, Francisco J Diaz-Gonzalez, Spain
- 16.54 0-3604 **MODIFIED SIMULTANEOUS BIMAXILLARY DISTRACTION OSTEOGENESIS FOR CORRECTION OF FACIAL ASYMMETRY IN CHILDREN AND ADULTS, WITH LONG-TERM FOLLOW UP.**
 Ahmed Medra*, Ehab Shehata, Egypt
- 17.02 0-3605 **USAGE OF MULTI VECTOR DISTRATOR FOR CONCURRENT INDEPENDENT LENGTHENING OF THE MANDIBLE RAMUS AND BODY HYPOPLASIA AS WELL AS MANDIBLE ANGLE CHANGE.**
 Orest Topolnickiy, Iakov Shorstov, Sergey Ulyanov, Roman Fedotov*, Russian Federation
- 17.10 0-3606 **"EXTRAORAL STABILIZER" FOR MANDIBULAR DISTRACTION OSTEOGENESIS WITH TWO TRANSPORT DISCS**
 Anton Dzhorov*, Bulgaria
- 17.18 0-3607 **SYMPHYSEAL DISTRACTION : A SIMPLIFIED PROCEDURE**
 Charles Savoldelli*, Valentin Lesne, Emmanuel Ciszek, Armelle Manière-Ezvan, Georges Bettega, France

- 17.26 0-3608 **THE CLINICAL – EXPERIMENTAL STUDY OF CONTINUOUS DISTRACTION OSTEOGENESIS.**
Orest Topolnickiy, Lubov Kalugina, Anatoliy Stepanov, Igor Khodakovskiy, Roman Fedotov*, Russian Federation
- 17.34 0-3609 **USAGE EXPERIENCE OF DIFFERENT TYPES DISTRACTORS**
Orest Topolnickiy, Iakov Shorstov, Sergey Ulyanov, Valeriy Matunin, Roman Fedotov*, Russian Federation
- 17.42 0-3610 **DISTRACTION OSTEOGENESIS OF THE ANTERIOR MANDIBULAR ALVEOLAR PROCESS: TOOTH-BORNE VERSUS BONE-BORNE DISTRACTION DEVICES**
Wolfgang Zemann*, Philipp Metzler, Christine Jacobsen, Klaus W. Grätz, Joachim A. Obwegeser, Switzerland
- 17.50 Discussion

SATURDAY, SEPTEMBER 15TH

MASTERCLASSES

Room Olipa 1, Hotel President

- 07.30—8.45 **NECK DISSECTION – AN OPERATION IN EVOLUTION**
Speaker: Ashok R. Shaha, USA

Room Olipa 2, Hotel President

- 07.30—8.45 **OPEN RHINOPLASTY – STEP BY STEP**
Speaker: Vedran Uglešić, Croatia

Room Olipa 3, Hotel President

- 07.30—8.45 **THE ROLE OF MAXILLOFACIAL PLANNING CONCEPTS IN ORTHOGNATIC SURGERY**
Speaker: Vitomir Konstantinović, Serbia

Room Tajan, Hotel President

- 07.30—8.45 **DISTRACTION OSTEOGENESIS BY ENDODISTRACTION – A BIOLOGICAL CONCEPT FOR FULL REGENERATION OF THE ALVEOLAR RIDGE**
Speaker: Christian Krenkel, Austria

Room Elafiti 2

- 09.00—11.00 **Meeting with Guest Society INTERNATIONAL ACADEMY OF ORAL ONCOLOGY (IAOO)**
PITFALLS & PEARLS IN THE SURGICAL TREATMENT OF CANCER OF THE ORAL CAVITY
Alexander Ravidis (USA), chairman, Ashok R. Shaha (USA), moderator
Jatin P. Shah (USA), Richard E. Hayden(USA), Joseph I. Helman(USA), Theodoros Teknos (USA)

Room Elafiti 2

- 9.00—11.00 **Session 37. TEMPOROMANDIBULAR JOINT PATHOLOGY AND SURGERY**
Chairmen: Teschke M. (Germany), Granizo R.M.(Spain), Dzhorov A. (Bulgaria)
- 09.00 0-3701 **DIAGNOSTIC-THERAPEUTIC PROTOCOL IN TEMPOROMANDIBULAR JOINT DISORDERS**
Lorenzo Goglio*, Salvatore Sembronio, Carlo Besozzi, Antonio Russillo, Aldo Bruno Gianni, Italy
- 09.08 0-3702 **WHY TEMPOROMANDIBULAR JOINT SURGERY? A 5 YEARS EXPERIENCE**
José Bilhoto*, Teresa Burnay, Mariana Arrais-De-Castro, Portugal

- 09.16 0-3703 **RESORBABLE PINS FOR DISC FIXATION IN TMJ ARTHROSCOPY. SURGICAL TECHNIQUE AND PRELIMINARY RESULTS**
Rafael Martin-Granizo*, Lourdes Maniegas, Blanca Muñoz, Eulalia Fernandez, Alejandrina Millon, Alejandro Encinas, Manuel De Pedro, Alberto Berguer, Spain
- 09.24 0-3704 **DOUBLE ANCHORS FOR DISC DISPLACEMENT**
Wladimir Genovesi*, Marco Aurélio T. Marim, Iara Cristina Comenali, Wally Lords Pereira, Brazil
- 09.32 0-3705 **SURGICAL REDUCTION FOR TMJ DISLOCATION VIA SIMPLIFIED DIRECT APPROACH TECHNIQUE –A SURVEY OF 40 PATIENTS**
Natsuki Segami*, Japan
- 09.40 0-3706 **A MULTICENTER STUDY EVALUATING EMINECTOMY AS A TREATMENT FOR CLOSED LOCK**
Nicholas Brown*, Ketan Shah, Donald Starr, Leo Stassen, UK
- 09.48 0-3707 **PRELIMINARY STUDY OF CONDYLECTOMY VIA INTRAORAL APPROACH.**
Xiaoxia Wang*, Zili Li, Biao Yi, China
- 09.49 Discussion
- 10.00 0-3708 **LONG-TERM CLINICAL OUTCOME OF TEMPOROMANDIBULAR JOINT TOTAL AND HEMI-ARTHROPLASTIES: A THIRTEEN-YEAR RETROSPECTIVE AUDIT**
Anusha Hennedige*, Roderick Morrison, Marty Ryan, UK
- 10.08 0-3709 **FUNCTIONAL OUTCOME AFTER ALLOPLASTIC TOTAL-TMJ-RECONSTRUCTION (TJR)**
Marcus Teschke*, Sabine Linsen, Rudolf Reich, Germany
- 10.16 0-3710 **AUTOLOGOUS FREE FAT GRAFTS PLACEMENT AFTER FAILED ALLOPLASTIC TMJ RECONSTRUCTION**
Umut Tekin*, E. Eugene Keller, Turkey
- 10.24 0-3711 **ARTHROPLASTY WITH THE CORONOID PROCESS IN THE TREATMENT OF TEMPOROMANDIBULAR JOINT ANKYLOSIS**
Anton Dzhorov*, Bulgaria
- 10.32 0-3712 **TOTAL PROSTHESIS OF THE TEMPOROMANDIBULAR JOINT**
Hubert Wanyura, Zygmunt Stopa*, Poland
- 10.40 0-3713 **SLIDING RAMUS OSTEOTOMY FOR RECONSTRUCTION OF THE CONDYLE (LETTERMAN TECHNIQUE)**
Ana Otero-Rico*, Javier Collado-López, Inés Vázquez-Mahía, María Pombo-Castro, Jose Luis López-Cedrún, Spain
- 10.48 Discussion

Room Elafiti 3

9.00 — 1.00

Session 38.**HEAD & NECK RECONSTRUCTIVE SURGERY**

Chairmen: Kalavrezos N. (UK), Leović D. (Croatia), Massarelli O. (Italy)

- 09.00 0-3801 **ANTIBIOTIC PROPHYLAXIS IN MAJOR HEAD AND NECK RECONSTRUCTION**
Julien Davrou*, David Côté, Benjamin Guichard, Stéphanie Dakpé, Sylvie Testelin, Bernard Devauchelle, France
- 09.08 0-3802 **THE SUBMENTAL FLAP IN MAXILLO-FACIAL RECONSTRUCTION: INDICATIONS AND LIMITATIONS. OUR EXPERIENCE**
Iuliu Moldovan*, M. Baciut, H. Rotaru, C. Dinu, I. Mitre, S. Bran, S. Vacaras, L. Hurubeanu, G. Baciut, Romania
- 09.16 0-3803 **THE SUBMENTAL ISLAND FLAP: A PROPER AND SAFE OPTION FOR ORAL RECONSTRUCTION IN HEAD AND NECK CANCER**
Roberta Gobbi*, Olindo Massarelli, Maria Teresa Raho, Antonio Tullio, Italy
- 09.24 0-3804 **REVIEW OF 25 TEMPORALIS MUSCLE FLAPS USED AS PRIMARY RECONSTRUCTION FOLLOWING MAXILLECTOMY**
Ayesha Dalal*, Andrew McIennan, UK
- 09.32 0-3805 **THE USE OF PMMA FOR RESTORATION OF THE TEMPORALIS FLAP DONOR SITE: OUR CLINICAL EXPERIENCE**
Alexandre Anesi, Sara Barberini*, Giuseppe Pollastri, Cecilia Ferrari, Luigi Chiarini, Italy
- 09.40 0-3806 **THE PLATYSMA MYOCUTANEOUS FLAP (PMF) FOR HEAD AND NECK RECONSTRUCTION: A RETROSPECTIVE AND MULTICENTRIC ANALYSIS OF 91 T1–T2 PATIENTS.**
Paolo Tosco*, Paolo Garzino-Demo, Guglielmo Ramieri, Giulia Tanteri, Emanuele Zavattoni, Francesca Antonella Bianchi, Sid Berrone, Italy
- 09.48 Discussion
- 10.00 0-3807 **THE SUPRACLAVICULAR FLAP IN THE RECONSTRUCTION OF HEAD AND NECK DEFECTS**
Chiara Copelli*, Silvano Ferrari, Bernardo Bianchi, Andrea Ferri, Roberto Cocchi, Enrico Sesenna, Italy
- 10.08 0-3808 **VERSATILITY OF TONGUE ISLAND FLAP IN RECONSTRUCTION OF THE DEFECTS AFTER ORAL CANCER RESECTION.**
Zivorad Nikolic*, Jelena Jeremic, Serbia
- 10.16 0-3809 **CHEEK MUCOSA: A VERSATILE DONOR SITE OF MYOMUCOSAL FLAPS. TECHNICAL AND FUNCTIONAL CONSIDERATIONS**
Olindo Massarelli*, Roberta Gobbi, Damiano Soma, Antonio Tullio, Italy
- 10.24 0-3810 **SUBLINGUAL GLAND FLAP FOR RECONSTRUCTION OF ANTERIOR AND ANTERO-LATERAL FLOOR OF MOUTH DEFECTS**
Marius Bredell*, Jeannette Von Jackowski, Astrid Kruse Gujer, Switzerland

- 10.32 0-3811 **FREE AUTOGENOUS BONE GRAFTS IN PATIENTS WITH BONE DEFECTS WITHIN THE FACIAL SKELETON.**
Michal Jonasz*, Danuta Samolczyk-Wanyura, Paweł Zawadzki, Marek Rybicki, Edyta Jaworska, Poland
- 10.40 0-3812 **MANDIBULAR RECONSTRUCTION WITH EN-DOPROTHESIS FROM POROUS NIKELID TITAN**
Igor Cherkosov*, Yury Medvedev, Russian Federation
- 10.48 Discussion
- Room Elafiti 4**
- 9.00—1.00 **Session 39.**
RECONSTRUCTIVE SURGERY OF CRANIOFACIAL MALFORMATIONS I
Chairmen: Koch F.P. (Germany), Adolphs N. (Germany), Castrillón-Oberndorfer G. (Germany)
- 09.00 0-3901 **CORONOID HYPERPLASIA IN THE PEDIATRIC AGE**
Giuseppe Consorti*, Manlio Galiè, Riccardo Tieghi, Stefano A. Denes, Luigi C. Clauser, Italy
- 09.10 0-3902 **HOW TO IMPROVE AESTHETIC RESULTS IN PLAGIOCEPHALY**
Fabio Mazzoleni*, Davide Sozzi, Giorgio Novelli, Luca Ferrari, Alberto Bozzetti, Italy
- 09.18 0-3903 **TREATMENT OF AN ADULT PATIENT WITH CROUZON SYNDROME WITH A TWO STEPS SURGICAL PLAN – CASE REPORT**
Franco Carlino*, Raffaello Cortesi, Italy
- 09.26 0-3904 **A MORPHOLOGIC EVALUATION AND SUTURAL FUSION RESCUE STRATEGY IN CROUZON MICE**
Felix P. Koch*, Ajul Shah, Zhen W. Zhuang, V.P. Eswarakumar, Derek M. Steinbacher, Germany
- 09.34 0-3905 **PROGNOSTIC PREDICTORS SIMPLIFIED: SERIAL HEAD CIRCUMFERENCE AND NEUROLOGIC AND NEURODEVELOPMENTAL SCREENING AFTER SURGICAL CORRECTION FOR SINGLE- AND MULTIPLE-SUTURE CRANIOSYNOSTOSIS**
Virender Singhal*, USA
- 09.42 Discussion
- 10.00 0-3906 **ULTRASOUND ASISTED FIXATION OF BIODEGRADABLE MATERIALS IN CRANIOSYNOSTOSIS**
Irene Vila Masana*, Julio Acero Sanz, Santiago Ochandiano Caicoya, Cristina Maza Muela, Belen Leno Dasi, Rodolfo Asensio Guerrero, Carlos Navarro Vila, Spain
- 10.08 0-3907 **THE USE OF IMMEDIATE AUTOLOGOUS FAT TRANSFER WITH IMMEDIATE CRANIOPLASTY RECONSTRUCTION-OUR EXPERIENCES SO FAR**
Tristan Madden*, Nabeela Ahmed, Robert Bentley, UK
- 10.16 0-3908 **THE TESSIER NUMBER 14 FACIAL CLEFT: A 20 YEARS FOLLOW-UP**
Seungmin Nam, Baleun Han*, Yongbae Kim, Hangyu Cha, Republic of Korea
- 10.24 0-3909 **THE OCULO-AURICULO-FRONTO-NASAL SYNDROME (OAFNS) - DESCRIPTION AND MANAGEMENT OF A RARE CRANIOFACIAL PATHOLOGY**
Nicolai Adolphs*, Eric Arnaud, Hannes Haberl, Gül Schmidt, Horst Menneking, Bodo Hoffmeister, Germany

- 10.32 0-3910 **THE CRANIOFACIAL PHENOTYPE IN PKD MUTATIONS: FROM TRANSGENICE MICE TO HUMANS**
Roman Khonsari*, Atsushi Ohazama, Michael Suttie, Peter Hammond, Ramin Raouf, John Wood, Paul Sharpe, France
- 10.40 Discussion

11.00—11.30 **Coffee break – Exhibition Visit**

Room Elafiti 1

- 11.30—12.15 **Keynote lecture Rafi Nagler, Israel**
SALIVA AS A DIAGNOSTIC FLUID FOR ORAL CANCER
Introduction by Dinko Leović

Room Elafiti 2

- 11.30—13.00 **Session 40.**
TEMPOROMANDIBULAR JOINT PATHOLOGY AND SURGERY II
Chairmen: Medra A. (Egypt), Segami N. (Japan), Genovesi W. (Brazil)
- 11.30 0-4001 **MANAGEMENT OF JAW DEFORMITIES SECONDARY TO THE TMJ ANKYLOSIS (UNI-& BILATERAL). SURGICAL ORTHODONTIC REHABILITATION.THE EGYPTIAN EXPERIENCE**
Ahmed Medra*, Hassan Moussa, Egypt
- 11.45 0-4002 **CONDYLAR HYPERPLASIA – REDEFINING TREATMENT PROTOCOL**
Rachel Hampton, Kishore Shekar*, Prakash Ramchandani, Sajjad Walji, UK
- 11.53 0-4003 **CHRONIC TMJ DISLOCATION AND ITS SEQUELAE**
Michael Williamson, Nabeela Ahmed*, N.Shaun Matthews, UK
- 12.01 0-4004 **OPERATIVE MANAGEMENT OF TEMPOROMANDIBULAR JOINT ANKYLOSIS**
Salma Benazzou*, Malik Boulaadad, Farah Hajji, Leila Essakalli, Mohammed Kzadri, Morocco
- 12.09 0-4005 **RELAPSE AFTER 20 YEARS OF CONGENITAL TMJ ANKYLOSIS & TRISMUS. REPORT OF 2 UNUSUAL CASES**
Riccardo Tieghi*, Stefano Mandrioli, Stefano A. Denes, Luigi C. Clauser, Italy
- 12.17 0-4006 **OUTCOME OF OCCLUSAL SPLINT THERAPY ON NON REDUCING DISK DISPLACEMENT IN TMJ DISORDERS: EFFECTS ON THE SYMPTOMS AND ON THE DISK POSITION**
Cyrille Voisin, Thomas Gustin*, Youri Vanhemmelrijck, Regine Glineur, Belgium
- 12.25 0-4007 **THE ROLE OF SPECT BONE SCAN IN UNILATERAL CONDYLAR HYPERPLASIA: IS IT MEASURING THE CONDYLE SIZE?**
John Lo*, David Wai-Chow Yeung, Yat-Yin Yau, Lim-Kwong Cheung, Hong Kong

- 12.33 0-4008 **PREVALENCE OF TEMPOROMANDIBULAR JOINT INTERNAL DISORDERS IN SUBJECT VOLUNTEERS. A CLINICAL-RADIOLOGICAL CORRELATION STUDY**
David Gonzalez Ballester*, Raúl González García, Carlos Moreno García, Laura Villanueva Alcojol, Isidoro Rubio Correa, Cristina Hernandez Vila, Damián Manzano Sólo De Zaldivar, Oscar Maestre Rodriguez, Luis Ruiz Laza, Florencio Monje Gil, Spain

- 12.41 0-4009 **MRI IMAGING OF THE TMJ – THE KING’S EXPERIENCE**
Eleanora Gkigkelou, Nabeela Ahmed*, N.Shaun Matthews, Steve Connor, UK

- 12.48 Discussion

Room Elafiti 4

- 11.30 — 13.00 **Session 41.**

RECONSTRUCTIVE SURGERY OF CRANIOFACIAL MALFORMATIONS II

Chairmen: Santler G.(Austria), Britto J.(UK), Michael Engel M. (Germany)

- 11.30 0-4101 **VISUAL FUNCTION AND OUTCOME IN THE CORRECTION OF HYPERTELORISM**
Kemmy Schweibert, Kate Hon, David Dunaway, Jonathan Britto*, UK

- 11.40 0-4102 **TRIGONOCEPHALY: RESULTS AFTER SURGICAL CORRECTION OF NONSYNDROMATIC ISOLATED METOPIC SUTURE SYNOSTOSIS IN 68 CASES**
Gregor Castrillón-Oberndorfer*, Michael Engel, Joachim Mühling, Kolja Freier, Jürgen Hoffmann, Robin Seeberger, Oliver Thiele, Germany

- 11.50 0-4103 **SURGICAL OUTCOME AFTER USING A MODIFIED TECHNIQUE OF THE PI-PROCEDURE FOR POSTERIOR SAGITTAL SUTURE CLOSURE**
Michael Engel*, Gregor Castrillón-Oberndorfer, Joachim Mühling, Jürgen Hoffmann, Robin Seeberger, Christian Freudelsperger, Germany

- 12.00 0-4104 **WHAT MAKES A NORMAL FOREHEAD? SCORING OUTCOME FROM FRONTO-ORBITAL REMODELLING AGAINST AGE-MATCHED CONTROLS IN UNISUTURAL SYNOSTOSIS.**
Freida Anguillera, Christopher Abela, David Dunaway, Jonathan Britto*, UK

- 12.10 0-4105 **VALUE OF PREOPERATIVE IMAGING IN THE DIAGNOSTICS OF ISOLATED METOPIC SUTURE SYNOSTOSIS: A RISK-BENEFIT ANALYSIS**
Michael Engel*, Gregor Castrillón-Oberndorfer, Jürgen Hoffmann, Christian Freudelsperger, Joachim Mühling, Germany

- 12.20 Discussion

Room Elafiti 1

- 12.15 — 13.00 **Session 42.**

LIP CANCER RECONSTRUCTION

Chairmen: Helman J.(USA), Olasz L. (Hungary), Bredell M. (Switzerland)

- 12.15 0-4201 **A SPECIAL RECONSTRUCTION METHOD FOR LIP DEFECT AFTER TUMOR RESECTION.**
Lajos Olasz*, Árpád Szabó, Gábor Gelencsér, Enikő Orsi, József Szalma, Hungary

- 12.25 0-4202 **RECONSTRUCTION OF LIP CANCER**
Salma Benazzou*, Malik Boulaadas, Farah Hajji, Leila Essakalli, Mohammed Kzadri, Morocco

- 12.35 0-4203 **LONG-TERM RESULTS AFTER LOWER LIP RECONSTRUCTION WITH A MODIFIED STAIRCASE TECHNIQUE**
Johannes Kuttenger*, Nicolas Hardt, Switzerland

- 12.45 Discussion

- 13.00 — 14.00 **Closing Ceremony**

POSTER PRESENTATIONS

1. BENIGN LESIONS OF THE FACIAL BONES

- P—0101 **SUCCESSFUL MANAGEMENT OF A LARGE GIANT CELL GRANULOMA IN THE LOWER JAW BY INTRALESIONAL CORTICOSTEROID INJECTIONS, SUBCUTANEOUS CALCITONIN INJECTIONS AND ORAL BISPHOSPHONATE ADMINISTRATION**
Aysegul Apaydin*, Serdar Yenigun, Utku Ureturk, Turkey
- P—0102 **NOONAN SYNDROME: DIAGNOSIS IN AN ADULT DUE TO GIANT CELL GRANULOMAS OF THE MANDIBLE**
Ada Ferrer Fuertes*, Juan Antonio Hueto Madrid, Ferran Boneu Bonet, Jordi García Linares, Javier González Lagunas, Spain
- P—0103 **TWO STAGE ENUCLEATION AND DEFLATION OF A LARGE UNICYSTIC AMELOBLASTOMA WITH MURAL INVASION IN MANDIBLE**
Ryo Sasaki*, Yorikatsu Watanabe, Naoyuki Matsumoto, Tomohiro Ando, Tanetaka Aki-zuki, Japan
- P—0104 **MANDIBULAR AMELOBLASTIC FIBROMA IN A TEENAGER**
Ada Ferrer Fuertes*, Javier González Lagunas, Juan Antonio Hueto Madrid, Jordi García Linares, Ferran Boneu Bonet, Spain
- P—0105 **SICKLE CELL CRISIS IN THE MAXILLOFACIAL REGION: A CASE AND REVIEW**
Zarina Shaikh*, Peter Stockton, United Kingdom
- P—0106 **THE USE OF ALLOGENEIC ORTHOTOPIC TRANSPLANT OF THE LOWER JAW TO REPLACE ITS DEFECT AFTER TUMOR REMOVAL.**
Stanislau Khomich*, Artsemi Khomich, Ilya Khomich, Belarus
- P—0107 **RELATIVE FREQUENCY AND DISTRIBUTION OF DIFFERENT TYPES OF ODONTOGENIC TUMORS IN SOUTH-EASTERN EUROPE**
Figen Çizmeçi Şenel, Ezher Hamza Dayisoğlu, Cem Üngör, Emre Tosun, Nuray Yılmaz Altıntaş, Fatih Taşkesen, Burak Cezairli*, Turkey
- P—0108 **AMELOBLASTIC FIBROMA. UNEXPECTED DIAGNOSIS IN A 6-YEAR-OLD PATIENT**
Eugenio Sahuquillo-Arce*, Gracia Maria Barrios-Sanchez, Maria Amparo Pla-Esparza, Esther Charro, Inés Ortega-Roig, Francisco Giner-Segura, Spain
- P—0109 **MULTIPLE BROWN TUMOR IN THE MAXILLARY REGION AS ONSET OF ADVANCED PRIMARY HYPERPARATHYROIDISM.**
Maria Aránzazu González Corchón*, Alejandrina Millón, Alejandro Encinas, Rafael Martín Granizo, Alberto Berguer, Spain
- P—0110 **HISTIOCYTOSIS OF LANGERHANS CELLS IN THE BONES OF THE CRANIAL ABOBEDA**
David Sanz*, Fernando Valiente, Carlos Goizueta, Joao Pedro Marcelino, Andres Martinez, Spain
- P—0111 **RESTORATION OF THE ALVEOLAR PROCESS AND DENTITION AFTER REMOVAL OF SOLID ODONTOMA OF THE MANDIBLE.**
Ilya Khomich*, Stanislau Khomich, Belarus
- P—0112 **PROGNOSTIC FACTORS FOR KERATOCYSTIC ODONTOGENIC TUMOR: ANALYSIS OF CLINICOPATHOLOGIC AND IMMUNOHISTOCHEMICAL FINDINGS FOR PREDICTION OF RECURRENCE.**
Alba de Pablo*, Margarita Alberola, Miguel Artajona, Adaia Valls, Coro Bescos, Spain
- P—0113 **AN EXTENSIVE MEDULLAR OSTEOLASTOMA OF THE MANDIBLE, RESECTED AND RECONSTRUCTED BY A DCIA FREE FLAP THROUGH AN INTRAORAL APPROACH. REPORT OF A CASE.**
Nikolay Yanev*, Svetoslav Slavkov, Anton Dzhorov, Julio Acero, Bulgaria
- P—0114 **MELANOTIC NEUROECTODERMAL TUMOR OF INFANCY – TWO CLINICAL CASES**
Teresa Burnay*, Rita Valença-Filipe, Isabel Pinto, Ana Paula Fernandes, Maria Bom-Sucesso, Pedro Rodrigues-Pereira, José Bilhoto, Portugal
- P—0115 **FIBRODYSPLASIA OSSIFICANS PROGRESSIVA: A RARE CONDITION**
Ayesha Dalal*, Andrew McLennan, United Kingdom
- P—0116 **TRAUMATIC ULCERATIVE GRANULOMA WITH STROMAL EOSINOPHILIA (TUGSE): REPORT OF 2 CASES**
Chonatee Chinkrua*, Nutchada Sriyaranya, Anak Iamaroon, Thailand
- P—0117 **OSTEOBLASTOMA OF THE MAXILLA: A CASE REPORT**
Nutchada Sriyaranya*, Apirum Janhom, Anak Iamaroon, Thailand
- P—0118 **AMELOBLASTOMA OF THE JAWS: A RETROSPECTIVE STUDY OF 22 CASES.**
Mirada Donisa*, Morán Soto, González Otero, Nieto Fernández-Pacheco, Losa Muñoz, Burgueño García, Spain
- P—0119 **MANDIBLE OSTEOMAS IN FAMILIAL ADENOMATOUS POLYPOSIS: A CASE REPORT**
Isabel Pinto*, Tiago Neto, Teresa Burnay, Lígia Coelho, Rui Balhau, Álvaro Silva, Portugal

- P—0120 **GIANT CELL TUMOUR OF THE MANDIBLE AS THE FIRST MANIFESTATION OF PRIMARY HYPER-PARATHYROIDISM – CASE REPORTS.**
Wojciech Pawlak*, Anna Bohdanowicz-Pawlak, Jadwiga Szymczak, Rafal Nowak, Marek Bolanowski, Poland
- P—0121 **INTRASOFT TISSUE HEMANGIOMA OF THE ZYGOMA – REPORT OF A RARE CASE AND LITERATURE REVIEW**
Tiago Neto*, Rui Balhau, Lígia Coelho, Isabel Pinto, Joana Pardal, Inês Correia-Sá, Álvaro Silva, Portugal
- P—0122 **IMMUNOGLOBULIN G4-RELATED SYSTEMIC DISEASE INVOLVING JAW BONE: A CASE REPORT**
Wen-Liang Lo*, I-Ching Lin, Man-Tin Lui, Shou-Yen Kao, Taiwan
- P—0123 **CLINICO-STATISTICAL STUDY OF ODONTOGENIC TUMORS ACCORDING TO THE 2005 WHO CLASSIFICATION IN JAPANESE PEOPLE**
Shosuke Morita*, Kaname Tsuji, Yuki Matsushima, Teruyoshi Hayashi, Takako Kono, Akio Himejima, Tomio Iseki, Hideo Shimizu, Japan
- P—0124 **COLCHICINE-RESPONSIVE CHRONIC RECURRENT MULTIFOCAL OSTEOMYELITIS: A POSSIBLE VARIANT OF FAMILIAL MEDITERRANEAN FEVER.**
Carolina Collao González, Liana Schlesinger Flesch, Luis Córdoba Jara, Juan Cortés Araya*, Chile
- P—0125 **GIANT CELL LESIONS IN ORAL CAVITY**
Nieto Fernandez-Pacheco*, Gómez García, Guñales Díaz de Cevallos, Yébenes, González Martín-Moro, Spain
- P—0126 **INTRASOFT TISSUE MANDIBULAR LIPOMA PRESENTING AS INFERIOR ALVEOLAR NERVE PAR-ESTHESIA**
Bouzaïene montacer*, touil hajer, belghith ahmed, Tunisia
- P—0127 **CONSERVATIVE TREATMENT IN UNICYSTIC AMELOBLASTOMA. A CASE REPORT**
Tofe Alvaro*, Mayorga Francisco, Berart Pau, Julia Miguel Angel, Coello Jose, Spain
- P—0128 **PTCH1 MUTATION AND ODONTOGENIC KERATOCYSTS LOCAL AGGRESSIVENESS: IS THERE A RELATIONSHIP?**
Natacha Kadlub*, Amélie Coudert, Marie Eve Gatibelza, Nawal El Houmami, Nadem Soufir, Aurore Coulomb L'Herminé, Marie-Paule Vazquez, Ariane Berdal, Vianney Descrois, Arnaud Picard, France
- P—0129 **CEMENTO-OSSIFYING FIBROMA OF THE INFERIOR JAW: A CASE REPORT AND LITERATURE REVIEW**
Alejandrina Millón*, Alejandro Encinas, Blanca Núñez, Eulalia Fernández, Oscar De la Sen, Farzin Falahat, Alberto Berguer, Spain
- P—0130 **SUCCESSFUL TWO STAGE SURGICAL-ORTHODONTIC TREATMENT OF KERATOCYSTIC ODONTO-GENIC TUMOUR OF THE MANDIBLE IN TWELVE YEAR OLD GIRL – A CASE REPORT**
Maciej Rączkiewicz*, Jadwiga Stypułkowska, Wojciech Stós, Tomasz Kaczmarzyk, Poland
- P—0131 **MIDFACIAL DEGLOVING APPROACH FOR THE SUBTOTAL RESECTION & RECONSTRUCTION OF EXTENSIVE MAXILLARY FIBROUS DYSPLASIA**
Sung jun Yang*, Jong woo Choi, You sam Chung, Kang min Ahn, Korea, Republic of
- P—0132 **FIBROUS DYSPLASIA (CHERUBISM) /CLINICAL OBSERVATION/**
Grigor Khachatryan*, Ashot Vardanyan, Edgar Karapetyan, Hayk Harutyunyan, Lilit Torosyan, Levon Khachatryan, Armenia
- P—0133 **MELANOTIC NEUROECTODERMAL TUMOR OF INFANCY: PRESENTATION OF A CASE**
Cristian Vlădan*, Octavian Dincă, Mihai Bogdan Bucur, Tiberiu Niță, Alexandru Bucur, Romania
- P—0134 **MANDIBLE DESMOPLASTIC FIBROMA IN MALE ADOLESCENT.**
Manuel Acosta-Feria*, Raquel Villar-Puchades, Juan José Haro-Luna, Antonio López-Davis, Benito Ramos-Medina, Spain
- P—0135 **DIFFUSE SCLEROSING OSTEOMYELITIS OF THE MANDIBLE SUCCESSFULLY TREATED WITH PAMIDRONATE: A LONG-TERM FOLLOW-UP REPORT**
Masahiro Urade*, Kazuma Noguchi, Kazuki Takaoka, Kuniyasu Moridera, Hiromitsu Kishimoto, Japan
- P—0136 **RADIOTHERAPY AS AN ATTEMPT FOR TREATMENT OF AN AGGRESSIVE KERATOCYST IN THE LOWER JAW: A CASE REPORT**
Christoph Ziegler*, Jo-Asmund Lund, Norway
- 2. BENIGN TUMORS & VASCULAR LESIONS**
- P—0201 **A RARE DIAGNOSIS OF AN ORAL SOFT TISSUE LESION**
Bhavin Visavadia, Navin Vig, Ezra Nigar, Minal Madhvani*, United Kingdom
- P—0202 **SUBLINGUAL SCHWANNOMA. CLINICO-PATHOLOGIC FEATURES.**
Josue Hernandez*, Luis Manuel Junquera, Tania Rodríguez, Joaquim Megias, Alba Novoa, Mauricio Carrero, Veronica Blanco, Spain
- P—0203 **PHOSPHATURIC MESENCHYMAL TUMOR WITH ONCOGENIC OSTEOMALACIA**
Kyoung-In Yun*, Myoung-Geun Kang, Sung Woon Pyo, Korea, Republic Of
- P—0204 **TREATMENT OF VASCULAR MALFORMATIONS OF THE MAXILLOFACIAL AREA USING ND:YAG AND DIODE LASERS.**
Roman Piyamov*, Svetlana Tarasenko, Marina Mozokina, Andrey Grishin, Vadim Shulakov, Russian Federation
- P—0205 **SCHWANNOMA OF THE CERVICAL SYMPATHETIC CHAIN: A RARE CAUSE OF HORNER'S SYNDROME**
Laura Villanueva-Alcojol*, Florencio Monje, Raúl González-García, Jesús Mateo Arias, Fernando González-González, Spain
- P—0206 **LATERAL CERVICAL APPROACH COMBINED WITH POSTERIOR THORACOTOMY FOR THE GROSS TOTAL RESECTION OF GIANT NEURILEMMOMA OF THE CHEST INVOLVING THE NECK.**
Isidoro Rubio Correa*, Florencio Monje, Raúl González-García, Laura Villanueva-Alcojol, David González Ballester, Cristina Hernández Vila, Manuel Moreno Sánchez, Óscar Maestre Rodríguez, Carlos Moreno García, Jesús Mateo Arias, Spain
- P—0207 **AGGRESSIVE FIBROMATOSIS OF THE HEAD AND NECK AT PAEDIATRIC AGE. A CLINIC CASE AND REVIEW OF THE LITERATURE.**
Maria Antonia Contreras Morillo*, Manuel Angel Martinez Navarro, Francisco Jose Galeas Anaya, Antonio Valiente Álvarez, Lucas Bermudo Niño, Spain
- P—0208 **CERVICAL VAGUS NERVE SCHWANNOMA**
Spyridon Athanasiou*, Fotis Kasfikis, John Fanellos, Constantinos Mourouzis, Sotiris Giannakakis, Christos Eftychiadis, Helen Maheira, Chrysostomos Maltezos, George Rallis, Greece
- P—0209 **CERVICAL ECTOPIC THYMUS: A CASE REPORT**
Octavian Dincă, Cristian Vlădan*, Tiberiu Niță, Mihai Bogdan Bucur, Alexandru Bucur, Romania
- P—0210 **GIANT OROFACIOCERVICAL LYMPHANGIOMA – PRESENTATION OF A CASE**
Jan-Falco Wilbrand, Martina Wilbrand*, Philipp Streckbein, Dirk Faas, Hans-Peter Howaldt, Germany
- P—0211 **ADVANCED PLANNING OF DIAGNOSTICS, TREATMENT AND REHABILITATION IN PATIENTS WITH ARTERIOVENOUS MALFORMATIONS OF HEAD AND NECK**
Andrey Grishin*, Sergey Smirnov, Svetlana Repina, Alexander Ivanov, Arina Kulikova, Russian Federation
- P—0212 **CLINICAL PICTURE AND TREATMENT OF THE BRANCIAL CYST.**
Azat Suleymanov*, Gaidar Mingazov, Russian Federation
- P—0213 **VAGAL PARANGLIOMA IN 11-YEARS OLD CHILD**
Donlagic L, Aljinovic N, Luksic L, Virag M., Croatia
- 3. BISPHOSPHONATE RELATED DISEASE**
- P—0301 **MANDIBULAR PATHOLOGICAL FRACTURE DUE TO BRONJ. CLINICAL AND SURGICAL STRATEGY**
Secondo Scarsella*, Desiderio Di Fabio, Antonio Oliva, Romeo Valeri, Bourelaki Theodora, Cutilli Tommaso, Italy
- P—0302 **PREVENTION OF BRONJ IN PATIENTS WITH DENTAL EXTRACTIONS- SHREWSBURY EXPERIENCE**
Griore Mihalache*, Sunil Bhatia, Elizabeth Gruber, United Kingdom
- P—0303 **BONE CHANGES INDUCED BY MODULATION OF RANKL AND IMMUNE RESPONSE IN A MOUSE MODEL OF ONJ.**
Luis Cordova*, Severine Battaglia, Céline Charrier, Dominique Heymann, France
- P—0304 **BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAWS USING SPONTANEOUSLY DIABETIC TORII RATS**
Kazuki Takaoka*, Toshihiro Nishioka, Tetsuya Abe, Michiyo Yamamura, Nao Ohtsu, Emi Segawa, Shin Okui, Kazuma Noguchi, Hiromitsu Kishimoto, Masahiro Urade, Japan
- P—0305 **ORAL BISPHOSPHONATE INDUCED OSTEONECROSIS OF THE MANDIBULAR CONDYLE**
Ayesha Dalal*, Michael Esson, Pippa Cullingham, United Kingdom
- P—0306 **ALENDRONATE REDUCES PERIOSTEAL PERFUSION IN THE CRANIAL BONE OF RATS**
Daniel Lindhorst*, Harald Essig, Frank Tavassol, André Eckardt, Horst Kokemüller, Lemound Juliana, Ritter Anneli, Motosios Panagiota, Nils-Claudius Gellrich, Martin Rucker, Germany
- P—0307 **MANAGEMENT OF PATIENTS SUFFERING FROM BISPHOSPHONATES RELATED OSTEONECROSIS - BASED ON AUTHORS' CLINICAL EXPERIENCE AND AVAILABLE SCIENTIFIC RESOURCES.***
Bogusława Manowska, Piotr Tkaczyński, Bogna Zielińska-Każmierska*, Poland
- P—0308 **ORAL BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAW IN PATIENTS WITH OSTEOPOROSIS**
Lukas Hauer*, Daniel Hrusak, Lubor Hosticka, Pavel Andrie, Jan Jambura, Petr Posta, Václav Vysokil, Czech Republic

- P—0309 **TREATMENT OF BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAW IN PATIENTS WITH LV. AND PERORAL BISPHOSPHONATE THERAPY**
Mojca Knez Ambrožič*, David Vozlič, Nataša Ihan Hren, Aleš Vesnaver, Andrej Kansky, Vojko Didanovič, Dime Sapundžiev, Slovenia
- P—0310 **ZOOM IN OSTEONECROSIS OF THE JAWS: OF THE PATIENT TO THE BONE USING CT AND MICRO-CT**
Joaquim Megias Barrera*, Alejandro Pelaz, Serafin Costilla, Tania Santamarta, Lorena Gallego, Luis Manuel Junquera, Spain
- P—0311 **BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAWS: DEVELOPMENT OF AN EXPERIMENTAL MODEL IN RATS TREATED WITH ZOLEDRONIC ACID**
Paula Barba-Recreo*, Jose Luis Del Castillo, Mariano García-Arranz, Tihomir Georgiev-Hristov, Laura Yévenes, Miguel Burguéño, Spain
- P—0312 **RISK FACTORS IN BISPHOSPHONATE RELATED OSTEONECROSIS OF JAWS**
Dagmar Statelova, Juraj Stilla, Maria Janickova*, Milan Ochodnický, Slovakia
- P—0313 **AWARENESS OF BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAWS IN HEALTHCARE PROFESSIONALS**
Adrian Ho*, John Ahn, Phillip Ameerally, United Kingdom
- P—0314 **BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAWS. STUDY OVER A PERIOD OF FOUR YEARS (2007–2010)**
Horea Artimoniu Almășan*, Mihaela Băciut, Simion Bran, Oana Cristina Almășan, Grigore Băciut, Romania
- P—0315 **BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAW – RETROSPECTIVE STUDY AND COMPARISON OF 2 CURRENT CLINICAL CLASSIFICATIONS**
Markus Ofer*, Henning Wieker, Hans-Christian Jacobsen, Peter Sieg, Samer George Hakim, Germany
- P—0316 **RESOLUTION OF BISPHOSPHONATE-ASSOCIATED OSTEONECROSIS OF THE JAW AFTER TERIPATIDE THERAPY**
Yumiko Ohbayashi*, Fumi Sawai, Yuko Minami, Michitaka Umakoshi, Takehiro Miki, Naoko Imagawa, Akinori Iwasaki, Takaaki Ogawa, Minoru Miyake, Yoshiro Matsui, Japan
- P—0317 **BISPHOSPHONATES ANTI-ANGIOGENIC POWER IN THE DEVELOPMENT OF BP-ONJ**
Andreas Max Pabst*, Thomas Ziebart, Maximilian Ackermann, Moritz Anton Konerding, Christian Walter, Germany
- P—0318 **TREATMENT OF PATIENTS WITH OSTEONECROSIS OF JAWS ON THE BACKGROUND OF DRUG ADDICTION**
Alex Drobyshev, Ravil Saberov*, Russian Federation
- P—0319 **AN AUDIT ON THE PATHWAY TO PREVENT BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAW (BRONJ)**
Priya Lankathilake*, Samana Fazel, Rakesh Mahandru, Mary Ward, Enamul Ali, Rifat Qureshi, Bruce Turner, Leo Cheng, United Kingdom
- P—0320 **PRESENTATION OF A LARGE ANIMAL MODEL OF THE BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAW**
Kilian Kreuzer*, Martina Knödler, Thomas Tischer, Christoph Pautke, Jochen Weitz, Germany
- P—0321 **PROLIFERATION AND METABOLISM OF OSTEOBLASTS AFTER ADMINISTRATION OF BISPHOSPHONATES IN VITRO**
Kai Wermker*, Thomas Szuwart, Susanne Jung, Johannes Kleinheinz, Ulrich Joos, Tobias Annusek, Germany
- P—0322 **CASE REPORTS OF THE UTILITY OF MAJOR MAXILLOFACIAL RESECTIVE SURGERY IN IMPROVING THE QUALITY OF LIFE OF PATIENTS WITH HIGH STAGE BISPHOSPHONATE RELATED OSTEONECROSIS OF THE JAWS.**
Stephanie Sammut*, Victor Lopes, United Kingdom
- P—0323 **INFLUENCE OF DENTURES IN THE INITIAL OCCURRENCE SITE ON THE PROGNOSIS OF BISPHOSPHONATE-RELATED OSTEONECROSIS OF THE JAWS**
Masahiro Urade*, Yoko Hasegawa, Mutuki Kawabe, Hiroto Kimura, Kenichi Kurita, Junichi Fukuta, Japan
- P—0324 **NONRESOLVING OSTEOMYELITIS OF THE MAXILLA AND MAXILLARY SINUS AFTER LONG-TERM USE OF ORAL BISPHOSPHONATES**
Zoe Nicolaou Ioannou*, Cyprus
- P—0325 **DEXRAZOXANE SHOWS CYTOPROTECTIVE EFFECTS IN ZOLEDRONIC ACID-TREATED HUMAN CELLS IN VITRO AND IN THE RABBIT TIBIA MODEL IN VIVO**
Guy Florian Draenert*, Viorel Nacu, Victor Palarie, Dominic Huetzen, Germany
- 4. BONE HEALING AND OSTEOGENESIS**
- P—0401 **THE USE OF AUTOLOGOUS MESENCHYMAL STEM CELLS, COLLAGENOUS MEMBRANE, PLATELET RICH PLASMA AND HYDROXYAPATITE IN THE OSTEOGENESIS AUGMENTATION IN STOMATOSURGERY PATIENTS**
Jan Vojtassak*, Lubos Danisovic, Peter Stanko, Jozef Mracna, Slovakia
- P—0402 **SELF-ACTIVATED MESH DEVICE USING SHAPE MEMORY ALLOY FOR PERIOSTEAL EXPANSION OSTEOGENESIS**
Kensuke Yamauchi*, Shinnosuke Nogami, Takeshi Kaneuji, Ikuya Miyamoto, Tetsu Takahashi, Japan
- P—0403 **INFLUENCE OF THE MIXING RATIO OF A-TCP TO AUTOLOGOUS BONE ON THE BONE REGENERATION PROCESS IN THE BONE DEFECT AREA AROUND IMPLANTS**
Kunitaka Kubo*, Hideya Haeniwa, Kenji Kakudo, Japan
- P—0404 **ACUPUNCTURE CORRECTION OF MANDIBLE BONE TISSUE METABOLISM CHANGES AS A RESULT OF TRAUMATIC INJURIES OF LOWER ALVEOLAR NERVE**
Irina Pohodenko-Chudakova*, Ekaterina Avdeeva, Radion Karpovitch, Belarus
- P—0405 **TREATMENT WITH GRANULATED OSTEOINDUCTIVE IMPLANT MATERIALS**
Irina Pohodenko-Chudakova*, Oleg Chudakov, Alexey Petchurskiy, Belarus
- P—0406 **THE USING OF OSTEOTROPIC MATERIAL "COLLOST" FOR FILLING BONE DEFECTS IN RECONSTRUCTIVE MAXILLOFACIAL SURGERY**
Yury Medvedev*, Russian Federation
- P—0407 **ROLES OF COMP-ANG1 IN BONE FORMATION AND HEALING.**
Byoung-Gil Yoo*, Hyun-Joong Yoon, Sang-Hwa Lee, Korea, Republic of
- 5. CLEFT SURGERY**
- P—0501 **REPAIR OF CBCL WITH SEVERELY PROTRUDING PREMAXILLA PERFORM A PREMAXILLARY SETBACK AND VOMERINE OSTECTOMY IN ONE STAGE SURGERY**
Rodolfo Belmonte Caro*, Alberto García-Perla García, Nabil Fakhil Gómez, Pedro Antonio Infante Cossio, Eusebio Torres Carranza, Spain
- P—0502 **PRIMARY LENGTHENING OF THE SOFT PALATE BY USING THE WAVY INCISION PROCEDURE - A LONG-TERM FOLLOW-UP**
Jan-Hendrik Lenz*, Kai-Olaf Henkel, Bernhard Frerich, Ann Dieckmann, Germany
- P—0503 **COMPARISON OF THE ESTHETIC OUTCOMES OF LIP AND NOSE IN CHILDREN WITH UCLP IN TWO CENTERS**
Dime Sapundžiev, Miha Kocar, Andreja Eberlinc, Konstantin Gigov, Yuriy Anastasov, Vesna Kozelj*, Slovenia
- P—0504 **COMPUTER-ASSISTED EVALUATION OF PRE- AND POST-OPERATIVE DIFFERENCES IN CLEFT LIP AND PALATE BY 3D-SURFACE SCANNING**
B.-I. Berg*, K. Kolanko, A.A. Mueller, H.-F. Zeilhofer, C. Kober, K. Schwenzer-Zimmerer, Switzerland
- P—0505 **A LONG TERM RESULTS OF THE CLINICAL SURVEY OF PATIENTS WITH CLEFT LIP AND/OR PALATE TREATED IN TARTU UNIVERSITY HOSPITAL.**
Marianne Soots*, Natalja Zvereva, Estonia
- P—0506 **NON-REMOVABLE APPLIANCES IN THE EARLY ORTHODONTIC TREATMENT OF INFANTS WITH UNILATERAL CLEFT LIP AND PALATE.**
Nikitin A. A., Egorova M. V., Karachunskiy G. M.*, Russian Federation
- P—0507 **CHALLENGES IN SECONDARY CORRECTION OF UNILATERAL CLEFT LIP-NOSE DEFORMITY – CASE REPORT AND LITERATURE REVIEW**
Tiago Neto*, Rui Balhau, Ligia Coelho, Isabel Pinto, Inês Correia-Sá, Álvaro Silva, Portugal
- P—0508 **MANAGEMENT OF ANTERIOR FISTULAE WITH A PREMAXILLARY ROTATED FLAP IN BILATERAL CLEFT PALATE SEQUELAE.**
Bouzaiene Montacer*, Touil Hajer, Ferjaoui Mehdi, Belghith Ahmed, Tunisia
- P—0509 **COMPLEX CORRECTION OF COMPLETE CLEFT LIP WITH SEVERE PROMINENT PREMAXILLA USING LIP ADHESION AND NAM DEVICE**
Jeongyeol Yang*, Kyungmin Son, Gyubo Kim, Korea, Republic of
- P—0510 **A CASE REPORT: CORRECTION OF NASAL OBSTRUCTION WITH CRISS-CROSS INCISION**
Samyong Lee*, Sunhyung Park, Jeongjoon Park, Jaeha Hwang, Kwangseog Kim, Korea
- P—0511 **EXPERIENCE OF MEDICAL AID PROJECT FOR CLEFT LIP AND PALATE PATIENTS IN NINH BINH PROVINCE, VIETNAM**
Katsuhiro Minami*, Yoshihide Mori, Hideto Imura, Toshio Sugahara, Nagato Natsume, Japan
- P—0512 **THREE GENERATIONS WITH ORAL CLEFTS**
Fellanza Gjinnoli*, Sami Salihu, Osman Sejfiq, Mergime Prekazi-Loxha, Njazi Heta, Arsim Kelmendi, Fisnik Magedonci, Albania

- P—0513 **RADIOGRAPHIC ASSESSMENT OF PRIMARY AUTOGENOUS ALVEOLAR BONE GRAFTING IN PATIENTS WITH CLEFT LIP, ALVEOLUS AND PALATE**
Wolfgang Eichhorn*, Gerd Gehrke, Henning Hanken, Ralf Smeets, Marc Eichhorn, Max Heiland, Marco Blessmann, Germany
- P—0514 **BUSAN MODIFICATION FOR CLEFT PALATE REPAIR**
Yong chan Bae, Hyung Joon Seo*, Jae woo Lee, Su bong Nam, Soo jong Choi, Ju hyung Kim, Korea, Republic of
- P—0515 **THE APPLICATION OF THE RIGID EXTERNAL DISTRACTOR (RED II) FOR PATIENTS WITH SCARTRICIAL DEFORMITY OF THE UPPER LIP, THE UPPER JAW AFTER THE SURGERY OF THE CLEFT LIP AND PALATE**
Irina Yakimenko*, Alexey Drobyshev, Dmitriy Ermolin, Russian Federation
- P—0516 **LONG-TERM RESULTS OF MAXILLARY DISTRACTION OSTEOGENESIS IN CLEFT PATIENTS: 2-YEARS EXPERIENCES USING INTERNAL DEVICES**
Ladislav Czakó*, Dušan Hirjak, Jaroslav Janec, Michal Beňo, Slovakia
- P—0517 **EFFECT OF PALATAL LENGTHENING BY CLEFT PALATE REPAIR ON THE SPEECH OUTCOME**
Yongchan Bae, Hyungjun Seo*, Jaewoo Lee, Subong Nam, Sujong Choi, Juhyung Kim, Korea, Republic of
- P—0518 **PEEK ISOELASTIC MAXILLO-FACIAL IMPLANTS FOR PROSTHETIC REHABILITATION OF ADULT PALATUM CLEFT—BEING HANDICAP WITHOUT OTHER SOLUTION SINCE LOSS OF NATURAL TEETH**
Jean-Marie Donsimoni*, Jean-Paul Meningaud, France
- P—0519 **IS OROFACIAL CLEFT FORMATION INFLUENCED BY SMOKING AND ALCOHOL?**
Coelette Smit*, Kurt-W Bütow, South Africa
- 6. CRANIO-MAXILLO-FACIAL TRAUMATOLOGY**
- P—0601 **DENTOALVEOLAR TRAUMA – IN DEPARTMENT ANALYSIS TO IMPROVE TREATMENT STRATEGY**
Adam Stebel*, Rastislav Slávik, Eva Strečková, Dušan Holý, Dušan Poruban, Peter Stanko, Slovakia
- P—0602 **IS THE INITIAL MANAGEMENT OF DOG BITES TO THE HEAD AND NECK REGION BEING CARRIED OUT ADEQUATELY?**
Chai Sanapala*, United Kingdom
- P—0603 **EFFECTIVENESS OF REMOVAL OF WISDOM TEETH TO REDUCE INFECTION RATE IN MANDIBULAR ANGLE FRACTURES**
Chai Sanapala*, United Kingdom
- P—0604 **COMPARATIVE BIOMECHANICAL EVALUATION OF MONO-CORTICAL OSTEOSYNTHESIS SYSTEMS FOR CONDYLAR FRACTURES USING PHOTOELASTIC STRESS ANALYSIS**
Panos Christopoulos, Panagiotis Stathopoulos, Spyros Athanasiou*, Constantinos Alexandridis, Vivek Shetty, Angelo Caputo, Greece
- P—0605 **PRIMARY STABILITY OF SELF-DRILLING OSTEOSYNTHESIS MINI-SCREWS – AN EX VIVO STUDY**
Elisabeth Goetze*, Irina Bolm, Peer W. Kämmerer, Bilal Al-Nawas, Germany
- P—0606 **FACIAL TRAUMA SURGERY STATISTICS IN LISBON CENTRAL HOSPITAL**
Ana Pratas*, Sérgio Sousa, Portugal
- P—0607 **UNILATERAL CORONOID HYPERPLASIA FOLLOWING ZYGOMATIC BONE FRACTURE: A CASE REPORT AND LITERATURE REVIEW**
Mi Hyun Seo*, Min Woo Han, Seung Il Song, Korea, Republic of
- P—0608 **ANALYSIS OF MANDIBULAR FRACTURES AND INTERMAXILLARY FIXATION SCREWS**
Andrew Rennie*, Christopher Fowell, Vikas Attargekar, Liviu Hanu-Cernat, United Kingdom
- P—0609 **SECONDARY CORRECTION OF A GUN-SHOT INJURY INDUCED COMPLEX FACIAL DEFORMITY: CASE REPORT OF A CHALLENGING CASE**
Moorthy Halsnad, Vyomesh Bhatt*, Suresh Shetty, United Kingdom
- P—0610 **CERVICAL AND MAXILLOFACIAL TRAUMA IN SEVERE POLYTRAUMATIZED PATIENTS.**
Cristina Maza*, Irene Vila, Ana Maria Lopez, Belen Leno, Alena Kulyapina, Carlos Navarro, Fernando Turegano, Spain
- P—0611 **ANATOMICAL MODELS AND RESORBABLE PLATES IN TREATING PEDIATRIC ORBITO-ZYGOMATIC FRACTURES.**
Francesco Laganà*, Valeria Angela Combi, Ornella D'Orto, Giada Anna Beltramini, Alessandro Baj, Aldo Bruno Gianni, Italy
- P—0612 **A REVIEW OF THE USE OF INTRA OPERATIVE AND POST OPERATIVE INTER MAXILLARY FIXATION (IMF) IN FRACTURED MANDIBLE MANAGEMENT.**
Daanesh Zakai*, Pradyumna Naredla, Richard Burnham, Rhodri Williams, United Kingdom
- P—0613 **INCIDENCE, AETIOLOGY AND PATTERN OF MANDIBULAR FRACTURES IN THE WEST MIDLANDS REGION**
Daanesh Zakai*, Pradyumna Naredla, Richard Burnham, Timothy Martin, United Kingdom
- P—0614 **LATE SURGICAL TREATMENT OF MANDIBULAR CONDYLE FRACTURES**
Sibel Turali*, Kutay Can Ergul, Cem Ungor, Aysegul Mine Tuzuner-Oncul, Hakan Alpay Karasu, Hande Arpaci, Turkey
- P—0615 **A CROSS-BORDER TRAUMA AUDIT**
Maria Tumelty*, John Hanratty, Dermot Pierse, United Kingdom
- P—0616 **THE ULSTER HOOK - A USEFUL IMF DEVICE**
Peter Ramsay-Baggs*, United Kingdom
- P—0617 **A SINGLE LAG SCREW CAN REPLACE A SECOND MINIPLATE IN ANTERIOR MANDIBULAR FRACTURES**
Veronica Perez García*, Francisco Javier Quesada, Fernando Espin, Yolanda Herrero, Marco Antonio Sicilia, Spain
- P—0618 **MANAGEMENT OF COMPLEX MAXILLOFACIAL TRAUMA: THE OMFS – RESTORATIVE INTERFACE**
Roshan Sothinathan*, Simon Holmes, Kaveh Shakib, Lochana Nannayakara, Assad Khan, United Kingdom
- P—0619 **CLICAL AND SURGICAL STUDY OF FRONTAL BONE FRACTURE- OWN EXPERIENCE**
Joanna Grodecka, Bogna Zielińska-Kazmierska*, Poland
- P—0620 **MANDIBLE COMMUNUTED FRACTURE CAUSED BY FIREARM – EARLY APPROACH AND RECONSTRUCTION**
Bruno Santos Gomes*, Portugal
- P—0621 **CLINICAL ETHIOPATHOLOGIC ANALYSIS OF SURGICALLY TREATED PATIENTS WITH FRACTURES OF FACE'S UPPER PART (FUP)**
Danuta Samolczyk-Wanyura*, Michal Jonasz, Edyta Jaworska, Marek Rybicki, Poland
- P—0622 **ASSESSMENT OF AUTOGENOUS ABDOMINAL FAT AND HYDROXYAPATITE PASTE IN FRONTAL SINUS OBLITERATION AFTER SEVERE TRAUMATIC INJURIES: A PRELIMINARY REPORT**
Reda F. Elgazzar*, Canada
- P—0623 **TOOTH IN THE LINE OF MANDIBLE FRACTURE**
Milyukova Daria*, Russian Federation
- P—0624 **EPIDEMIOLOGY OF FACIAL TRAUMA INJURIES AT A PEDIATRIC EMERGENCY DEPARTMENT IN SANTIAGO DE CHILE, BETWEEN 2006 AND 2009.**
Carolina Collao González*, Alonso Carrasco-Labra, Hsiao Sung Hsieh, Juan Cortés Araya, Chile
- P—0625 **ZYGOMATIC COMPLEX FRACTURES. A 5-YEAR RETROSPECTIVE STUDY IN A MAJOR UK TRAUMA CENTRE.**
Leandros Vassiliou*, Alexander Hills, Benjamin Templer, Tajinder Lidhar, Kathleen Fan, United Kingdom
- P—0626 **MASSIVE LINGUAL HAEMATOMA FOLLOWING TONIC-CLONIC SEIZURES IN A YOUNG PATIENT WITH LUPUS-RELATED COAGULOPATHY: MANAGEMENT, FOLLOW UP AND CLINICAL OUTCOME.**
Marcos Fernandez-Barriales*, Julia Blasco Palacio, Diana Lopez Gordillo, Fe Garcia Reija, Belen Garcia Montesinos, Ramon Saiz Bustillo, Spain
- P—0627 **ATYPICAL GUNSHOT INJURY TO THE MAXILLOFACIAL AREA**
Igor Malachovsky*, Dagmar Statelova, Maria Janickova, Juraj Stilla, Eva Urbanova, Slovakia
- P—0628 **A 6-YEAR (2006-2011) RETROSPECTIVE REVIEW OF 705 PATIENTS PRESENTING WITH MIDFACIAL FRACTURES TO A MAJOR URBAN TRAUMA CENTRE (LONDON)**
Alexander Hills*, Leandros Vassiliou, Benjamin Templer, Tajinder Lidhar, Kathleen Fan, United Kingdom
- P—0629 **TREATMENT ALGORITHM FOR COMPLICATION MANAGEMENT IN ZYGOMATICOMAXILLARY FRACTURE**
NakHeon Kang*, Soo Kwang Yoon, Seung Han Song, Sang Ha Oh, Korea, Republic of
- P—0630 **USAGE OF RESORBABLE FIXATION SYSTEM FOR OSTEOSYNTHESIS IN PATIENTS WITH TRAUMATIC DEFECTS AND POSTTRAUMATIC DEFORMATIONS OF FACIAL BONES**
Irina Kobzeva*, Alexey Drobyshev, Dmitry Davidov, Russian Federation
- P—0631 **SUBCONDYLAR FRACTURES TREATMENT VIA TRANSORAL WITH ENDOSCOPIC ASSISTENCE**
Tamara Garcia-Jimenez*, Francisco José Rodríguez-Campo, Jesus Sastre-Pérez, Mario Muñoz, Francisco Diaz-González, Spain
- P—0632 **AN EPIDEMIOLOGIC ANALYSIS OF 1,142 MAXILLOFACIAL FRACTURES AND**
Spyridon Athanasiou*, George Kostakis, Panagiotis Stathopoulos, Panagiotis Dais, George Gkinis, Demosthenes Igoumenakis, Michael Mezitis, George Rallis, Greece
- P—0633 **MANAGEMENT AND TREATMENT OF THE EDENTULOUS FRACTURED MANDIBLE**
Radhika Dua*, Tristan Madden, Kathleen Fan, United Kingdom
- P—0634 **SURGICAL TREATMENT OF INTRACAPSULAR FRACTURES, THE WAY TO AVOID THE POSTTRAUMATIC TMJ ANKYLOSIS**
Branislav Gális*, Dušan Hirjak, Jaroslav Janec, Michal Beňo, Slovakia

- P—0635 **A RETROSPECTIVE ANALYSIS OF FRACTURED MANDIBLE CASES REFERRING TO THE SCHOOL OF DENTISTRY EGE UNIVERSITY: AN EPIDEMIOLOGICAL STUDY**
Yasin Er*, Candan Efeoğlu, Murat Cihan Solmaz, Hüseyin Koca, Aylin Sipahi Çalıř, Turkey
- P—0636 **DIAGNOSTICS OF TEMPORAL MUSCLES CONDITION IN PATIENTS WITH ZYGOMATIC COMPLEX FRACTURES TREATED SURGICALLY WITH CORONARY ACCESS**
Malanchuk Vladislav, Logvinenko Irina, Timoshchenko Nataliya*, Ukraine
- P—0637 **AUTOMOBILE AIRBAG INDUCED MAXILLOFACIAL INJURIES**
Indran Balasundaram*, Mustansir Alibhai, Kareem Kassam, Suraj Thomas, Rishi Bhandari, Leo Cheng, United Kingdom
- P—0638 **THREE DIMENSIONAL VOLUMETRIC RECONSTRUCTION AND RESTORATION IN A COMPLEX CASE OF CRANIOFACIAL TRAUMA**
Giuseppe Consorti*, Riccardo Tieghi, Stefano A Denes, Luigi C Clauser, Italy
- 7. CRANIO-MAXILLO-FACIAL TRAUMATOLOGY - ORBIT**
- P—0701 **RECONSTRUCTION OF THE ORBIT FLOOR "BLOW-OUT" FRACTURE WITH A PREFORMED TITANIUM PLATE MATRIXORBITAL FROM SYNTHES. REPORT OF A CASE**
Rui Patarello, António Matos da Fonseca, Ivan Beleca*, Portugal
- P—0702 **RARE CASE OF ORBITAL IMPLANT IMPLANT EXTRUSION**
Andrew Rennie*, Stuart Clark, United Kingdom
- P—0703 **RELIABILITY OF HERTEL EXOPHTHALMOMETRY IN BLOW OUT FRACTURE; A COMPARISON STUDY WITH THE ORBITAL VOLUME RATION IN COMPUTED TOMOGRAPHY**
Dong Hye Kang*, Jae Ho Aum, Sang Ah Oh, Ja Hea Gu, Korea, Republic of
- P—0704 **RADIOGRAPHIC ASSESSING ORBITAL PLATE POSITION FOLLOWING POST TRAUMATIC REPAIR OF ORBITAL FLOOR FRACTURES.**
Noah Teo*, John Hanratty, Michael Perry, United Kingdom
- P—0705 **ANATOMICAL AND TOPOMETRICAL BASIS STUDY FOR RECONSTRUCTION LOWER ORBITAL WALL DURING FRACTURES OF ZYGOMATIC-ORBITAL COMPLEX.**
Yuri Medvedev*, Vladimir Nikolenko, Anastasia Soloveva, Russian Federation
- 8. CUSTOM-MADE IMPLANTS**
- P—0801 **IMMEDIATE ORBITOFONTAL RECONSTRUCTION WITH CUSTOMIZED POLYETHERETHERKETONE IMPLANT (PEEK).**
Alicia Dean*, Susana Heredero, Francisco Alamillos, Juan Solivera, Spain
- P—0802 **NEW Ti6AL7Nb ALLOY TREATMENT FOR CRANIOFACIAL IMPLANTS MADE BY SELECTIVE LASER MELTING**
Mihaela Baciut*, Horatiu Rotaru, Grigore Baciut, Cristian Dinu, Iuliu Moldovan, Simion Bran, Lucia Hurubeanu, Gabriel Armencea, Cristian Berce, Alexandru Rotaru, Romania
- P—0803 **RECONSTRUCTION OF CRANIOFACIAL BONE DEFECTS WITH CUSTOM-MADE IMPLANTS: ANALYZING THE CASES OF 10 PATIENTS**
Horatiu Rotar*, Horatiu Stan, Grigore Baciut, Cristian Dinu, Mihaela Baciut, Iuliu Moldovan, Yong-Tae Park, Seong-Gon Kim, Ovidiu Rotar, Alexandru Rotar, Romania
- 9. DISTRACTION OSTEOGENESIS**
- P—0901 **CRANIAL BONE TRANSPORT DISTRACTION OSTEOGENESIS USING A NOVEL WORM-GEAR DEVICE**
Felix, Koch*, Rob Travieso, James Clune, Zhen Zhuang, Derek M. Steinbacher, Germany
- P—0902 **EXPANSION OF THE POSTERIOR CRANIAL VAULT USING DISTRACTION OSTEOGENESIS AS FIRST STAGE OF SURGERY IN SYNDROMIC CRANIOSYNOSTOSIS.**
Leonid Satanin*, Alexander Ivanov, Vitaly Roginsky, Alexander Sakharov, Vladimir Solonichenko, Viktor Sorokin, Natalia Lemeneva, Alexander Kulikov, Russian Federation
- P—0903 **BIPARTITION DISTRACTION IN A CHILD WITH APERT AND STURGE-WEBER SYNDROMES**
Michail Vourvachis*, Alistair Cobb, Jonathan Britto, Richard Hayward, David Dunaway, United Kingdom
- P—0904 **MODIFICATION OF MIDFACE DISTRACTORS TO AVOID TRISMUS FOLLOWING THE MONOBLOC DISTRACTION OSTEOGENESIS PROCEDURE**
Alexandre Ivanov*, Leonid Satanin, Vitaly Roginsky, Alexandre Sakharov, Dmitry Tetukhin, Leonid Krashenninikov, Russian Federation
- P—0905 **EVALUATION OF MAXILLARY POSITION AFTER RIGID EXTERNAL DISTRACTION: ANALYSES OF 7 CASES**
Altan Varol*, Gökhan Göçmen, Nuray Yılmaz, Nazan Kucukkeles, Selcuk Basa, Turkey
- P—0906 **FACIAL FLUSHING FOLLOWING MONOBLOC FRONTO-FACIAL DISTRACTION**
Michail Vourvachis*, Alistair Cobb, Michelle Wyatt, Nor Owase Jeelani, David Dunaway, Richard Hayward, United Kingdom
- P—0907 **CHOOSING TYPE OF DISTRACTION DEVICES IN TREATMENT SYNDROMAL CRANIOSYNOSTOSIS**
Sergey Yasonov*, Andrey Lopatin, Russian Federation
- P—0908 **MAXILLO-MANDIBULAR DISTRACTION: AN OPTIMAL TREATMENT FOR FACIAL ASYMMETRY**
Raquel Villar*, Benito Ramos, Manuel Acosta, Juan Jose Haro, Antonio Gómez, Spain
- P—0909 **EVALUATION OF EARLY BONE FORMATION INDUCED BY PERIOSTEAL DISTRACTION IN A RABBIT CALVARIUM MODEL**
Ken Nakahara*, Nikola Saulacic, Willy Hofstetter, Tateyuki Iizuka, Paolo Paolo, Switzerland
- P—0910 **EFFECTS OF DISTRACTION OSTEOGENESIS ON THE INFERIOR ALVEOLAR NERVE OF THE CAT MANDIBLE**
Hitoshi Yoshimoto*, Masahiro Nakajima, Kenji Kakudo, Japan
- 10. EMBRYOLOGY AND PRE-NATAL DIAGNOSIS OF CRANIO-FACIAL MALFORMATION**
- P—1001 **HEPARANASE LOCALIZATION DURING PALATOGENESIS IN MICE**
Azumi Hirata*, Hideto Imura, Takaaki Ueno, Katsuhiko Minami, Nagato Natsume, Toshio Sugahara, Yuichi Koga, Kazufumi Takano, Hiroaki Nakamura, Japan
- P—1002 **IDENTIFICATION OF NOVEL GENES DOWNSTREAM OF FGFR2 CONTRIBUTING TO SYNOSTOSIS OF THE CORONAL SUTURE IN A MOUSE MODEL FOR CROUZON SYNDROME**
Samintharaj Kumar*, Emma Peskett, Erwin Pauws, Jonathan Britto, United Kingdom
- 11. FACIAL RECONSTRUCTIVE SURGERY**
- P—1101 **ELIMINATION OF FACE DEFORMITIES USING BONE GRAFTS AND IMPLANTS.**
Stanislau Khomich*, Artsemi Khomich, Belarus
- P—1102 **AN ALTERNATIVE TECHNIQUE FOR THE RECONSTRUCTION OF THE ORAL COMMISSURE AFTER RESECTION OF BASAL CELL CARCINOMA RELAPSE: CASE REPORT**
Javier Collado López*, Ana Otero-Rico, María Pombo-Castro, Beatriz Patiño-Seijas, Ramón Luaces-Rey, Jose Luis López-Cedrún, Spain
- P—1103 **PRINCIPLES OF LOWER LIP RECONSTRUCTION AFTER TUMOR SURGERY**
Birgit Scheffler, Waldemar Reich, Johannes Schubert, Alexander Eckert*, Germany
- P—1104 **TISSUE EXPANSION IN PEDIATRIC CRANIO-FACIAL RECONSTRUCTION.**
Sergey Ulyanov, Sergey Cheryaev, Roman Fedotov, Maria Lomaka*, Russian Federation
- P—1105 **SLIDING ISLAND FLAP FOR RECONSTRUCTION OF NASOLABIAL AREA AFTER TUMOUR ABLATION**
Belén Leno*, Jose Ignacio Salmerón, Alejandro Thomas, Irene Vila, Cristina Maza, Carlos Navarro Vila, Spain
- P—1106 **RECONSTRUCTION OF FRONTOTEMPORAL SKIN TUMORS**
Josep Rubio Palau*, Sheyla Sironvalle Soliva, Jose Ignacio Iriarte Ortabe, Luis Cros Trujillo, Spain
- P—1107 **ACUTE EPIDURAL HEMATOMA AFTER CALVARIAL BONE GRAFT**
Sachi Suzuki*, Muneo Miyasaka, Japan
- P—1108 **VALUE AND MODIFICATION OF LIMBERG'S TRANSPOSITION FLAP FOR MALIGNANT FACIAL TUMORS**
Lutz Tischendorf*, Germany
- P—1109 **RECONSTRUCTION OF THE TEMPORAL FOSSA WITH TITANIUM MESH AFTER TEMPORALIS MYOFASCIAL FLAP TRANSPOSITION**
Juan Jose Haro Luna*, Manuel Acosta Fera, Raquel Villar Puchades, Antonio Gómez Poveda, Benito Ramos Medina, Spain
- P—1110 **THE SELECTION OF RECONSTRUCTIVE METHODS AFTER A WIDE EXCISION OF MALIGNANCY OF THE LOWER LIP**
Yong chan Bae, Hyung joon Seo*, Seung hwan Bae, Jae woo Lee, Su bong Nam, Soo jong Choi, Ju hyung Kim, Korea, Republic of
- P—1111 **PURE RETICULATE TITANIUM IN PLASTIC SURGEY OF DEFECTS AND DEFORMITIES OF BRAIN AND FACIAL SKULL**
Oleg Chudakov*, Sui Kai Sce, Belarus
- P—1112 **REDUCING THE RISKS OF ECTROPION AFTER RESECTION AND RECONSTRUCTION OF EXTENSIVE FACIAL CANCER**
Vamshidhar Nagala*, Leo Cheng, Andrew Ezsias, Enamul Ali, Lucia Pozo-Garcia, United Kingdom
- P—1113 **THE USE OF TWO TYPES OF HYDROXYAPATITE CEMENT AFTER TEMPORALIS MYOFASCIAL FLAP TRANSPOSITION IN 29 PATIENTS**
Giulia Tanteri*, Giovanni Gerbino, Paolo Garzino-Demo, Emanuele Zavattero, Francesca Antonella Bianchi, Massimo Fasolis, Sid Berrone, Italy

12. FACIAL REJUVENATION, AESTHETIC SURGERY AND SCULPTURING

- P—1201 **FACIAL SKIN BLEACHING AND ITS POTENTIAL IMPLICATIONS FOR THE OMF SURGEON**
Navin Vig*, Caroline Mills, United Kingdom
- P—1202 **LIPOSTRUCTURE IN CHILDREN FACIAL MALFORMATIONS: A PROSPECTIVE 3-DIMENSIONAL EVALUATION**
Marc Guibert*, Arnaud Picard, Gerald Franchi, Patrick Antoine Diner, Marie Paule Vazquez, Natacha Kadlub, France
- P—1203 **PREOPERATIVE ECHOTOMOGRAPHIC ASSESSMENT OF TRACHEOSTOMY DEFECTS MANAGED BY FAT GRAFTING**
Francesco Arcuri*, Livia Stellin, Mariangela Giarda, Matteo Brucoli, Arnaldo Benech, Italy

13. HEAD & NECK INFECTION

- P—1301 **ANTIBACTERIAL EFICASITY OF OZONE-GAS ON PERIAPICAL LESIONS**
Jehona Ahmedi*, Osman Sejfiia, Feriala Perjuci, Resmije Ademi, Ali Gashi, Zana Agani, Bylbyl Reçica, Vjosa Hamiti, Albania
- P—1302 **NOMA: AN ILLNESS DEVOURING BOTH BEAUTY AND LIFE**
Ivan Beleca*, Ana Fernandes, Rosário Malheiro, Portugal
- P—1303 **A LOCAL REVIEW OF ANTIBIOTIC PRESCRIBING IN ODONTOGENIC ABSCESSES**
Zahra Al Asaadi*, Daanesh Zakai, Jaimee Shah, Manolis Heliotis, United Kingdom
- P—1304 **ORAL TUBERCULOSIS. REPORT OF TWO CASES AND LITERATURE REVIEW.**
Julia Cayetana Blasco Palacio*, Marcos Fernández Barriales, Diana Patricia López Gordillo, Sergio Sánchez Santolino, Tomás González Terán, Belén García-Montesinos, M^a Fe García Reija, Ramón Carlos Saiz Bustillo, Spain
- P—1305 **MANAGEMENT AND SURGICAL INTERVENTION OF UNUSUAL NECK SWELLINGS**
Roshan Sothinathan*, Rishi Bhandari, Simon Whitley, Leo Cheng, Christopher Bride, United Kingdom
- P—1306 **THE CLINICAL RELEVANCE OF MICROBIOLOGY SPECIMENS IN OROFACIAL ABSCESSSES OF DENTAL ORIGIN**
Christopher Fowell*, Andrew MacBean, United Kingdom
- P—1307 **PSEUDOANEURYSM OF A FACIAL ARTERY BRANCH (OF ODONTOGENIC INFECTION ORIGIN)**
Miguel Oliveira*, Portugal
- P—1308 **DIAGNOSIS AND TREATMENT OF AGGRESSIVE DESTRUCTIVE MIDFACIAL LESION FROM NASAL COCAINE ABUSE: CASE REPORT.**
Francesca Antonella Bianchi*, Guglielmo A. Ramieri, Massimo Fasolis, Paolo Tosco, Giulia Tanteri, Giovanni Gerbino, Italy
- P—1309 **WHAT CAN WE FIND AFTER A TONGUE ABSCESS?**
Francisco Hernández Altemir*, Sofia Hernández Montero, Susana Hernández Montero, Elena Hernández Montero, Spain
- P—1310 **PARANASAL SINUS MYCOSIS—REPORT OF FIVE CASES AND AN UPDATED LITERATURE REVIEW**
Spyridon Athanasiou*, George Gkinis, Panagiotis Stathopoulos, George Kostakis, Constantinos Mourouzis, Michael Mezitis, George Rallis, Greece
- P—1311 **SEVERE ODONTOGENIC INFECTIONS: CAUSES OF SPREAD AND THEIR MANAGEMENT**
Spyridon Athanasiou*, Demosthenes Igoumenakis, George Gkinis, Panagiotis Stathopoulos, George Kostakis, Michael Mezitis, George Rallis, Greece
- P—1312 **CHANGES OF INTEGRATIVE LEUKOCYTI INDEXES IN PATIENTS WITH FURUNCLES AND CARBUNCLES IN MAXILLOFACIAL AREA**
Irina Pohodenko-Chudakova*, Maria Krupchenko, Belarus
- P—1313 **THE DRUG "MEKSIBEL" IN THE COMPLEX TREATMENT OF ODONTOGENIC PHELGMONS IN MAXILLOFACIAL AREA**
Irina Pohodenko-Chudakova*, Arina Kabanova, Belarus
- P—1314 **MOLECULAR-GENETIC PECULIARITIES OF S.AUREUS SINGLED OUT IN PATIENTS SUFFERING FROM THE FURUNCLE OF THE MAXILLO-FACIAL REGION**
G.A. Fayzullina*, A.M. Suleimanov, Russian Federation
- P—1315 **CASE REPORT: LEMIERRE SYNDROME ACCOMPAINING A DENTAL INFECTION**
Ramazan Isufi*, Arlind Myftari, Algen Isufi, Marjon Sako, Albania

14. HISTORY OF CRANIO-MAXILLO-FACIAL SURGERY

- P—1401 **PAUL TESSIER'S LEGACY**
Luigi Clauser*, Anthony Wolfe, Italy
- P—1402 **HISTORICAL BACKGROUND FOR MAXILLOFACIAL SURGEON IMAGE IN PAINTING**
Oleg Chudakov*, Tatyana Mazurkevitch, Anastasiya Lobkova, Belarus

- P—1403 **GUINEA PIGS 65 YEARS ON**
Jerome Philip*, Nicola Kurtz, United Kingdom
- P—1404 **ORAL AND MAXILLOFACIAL HEALTH OF LOUIS XIV (1638-1715) – A SYSTEMATIC REVIEW**
Poramate Pitak-Arnnop*, Alexander Hemprich , Kittipong Dhanuthai, Dirk Halama, Niels Pausch, Germany

15. IMAGING AND SIMULATION

- P—1501 **STEREOLITHOGRAPHIC CUTTING GUIDE FOR FIBULA OSTEOTOMY IN MANDIBULAR RECONSTRUCTION**
Pedro Infante-Cossio*, Eusebio Torres-Carranza, David Gonzalez-Padilla, Purificacion Gacto-Sanchez, Gorka Gomez-Ciriza, Tomas Gomez-Cia, Spain
- P—1502 **THE TWO DIMENSIONAL MODEL OF BONE REMODELING AS SCREENING METHOD OF BONE LOSS AFTER TOOTH EXTRACTION IN MANDIBLE**
Michał Szałwiński*, Tomasz Lekszycki, Marcin Socha, Paweł Michalski, Poland
- P—1503 **INERTIAL NAVIGATION SYSTEM - POSSIBLE NEW TECHNOLOGY FOR SURGICAL NAVIGATION**
Drazen Jokic*, Croatia
- P—1504 **THE PIG AS AN EXPERIMENTAL MODEL FOR THE CRANIOMAXILLOFACIAL RESEARCH**
Zdeněk Daněk*, Michal Kyllar, Jan Štembřík, Ladislav Stehlik, Czech Republic
- P—1505 **CONCURRENT BILATERAL TOTAL TEMPOROMANDIBULAR JOINT REPLACEMENT SURGERY AND CONVENTIONAL MAXILLARY OSTEOTOMY UTILISING VIRTUAL PLANNING WEB-BASED TECHNOLOGY**
Alexander Hills*, Nabeela Ahmed, Nigel Matthews, United Kingdom
- P—1506 **PREOPERATIVE STEREOLITHOGRAPHIC PLANNING IN CRANIOMAXILLOFACIAL SURGERY AT PAEDIATRIC AGE.**
María Antonia Contreras Morillo*, Manuel Angel Martinez Navarro, Francisco Ruiz Delgado1, Antonio Valiente Alvarez, Lucas Bermudo Añino, Spain
- P—1507 **IDENTIFICATION OF JAWBONE CYSTS VIA ORTHOPANTOMOGRAM PROCESSING**
Vojtěch Peřina*, Jan Mikulka, Miroslav Kabrda, Eva Gescheidtová, Ondřej Liberdá, Czech Republic
- P—1508 **ANALYSIS OF TENDONS AND APONEUROSIS IN HUMAN MASSETER MUSCLE WITH CT IMAGES**
Michiko Goto*, Yoritaka Yotsui, Masahiro Nakajima, Kimishige Shimizutani, Kenji Kakudo, Japan
- P—1509 **OSTEOPOROSIS AND MANDIBLES**
Marko Božič*, Nataša Ihan Hren, Slovenia

16. MEDICAL ONCOLOGY

- P—1601 **EXPRESSION OF CYTOKERATIN IN DEVELOPMENT, INVASION AND METASTASIS OF ORAL SQUAMOUS CELL CARCINOMA**
Shoko Yoshida*, Koji Kishimoto, Nur Mohammad Monsur Hassan, Shohei Domae, Norie Yoshioka, Akira Sasaki, Japan
- P—1602 **ORAL MANIFESTATIONS IN HAEMATOLOGIC DISEASES. ORAL LESION IN CHRONIC LYMPHO-CYTIC LEUKEMIA. CASE REPORT AND REVIEW OF LITERATURE**
Alfonso Daura Saez*, Lidia Perez, Spain
- P—1603 **BIOFILMS AT INTRAORAL TUMOR SURFACES**
Julia Bolz, Dorothea Wilhelms, Erika Dósa, Johannes Schubert, Alexander Eckert*, Germany
- P—1604 **PROGNOSTIC RELEVANCE OF OSTEOPONTIN IN ORAL SQUAMOUS CELL CARCINOMAS**
Matthias Kappler, Helge Taubert, Matthias Bache, Dirk Vordermark, Johannes Schubert, Alexander Eckert*, Germany
- P—1605 **ROLE OF MICRORNA EXPRESSION IN ORAL SQUAMOUS CELL CARCINOMAS**
Claudia Keschke, Matthias Kappler, Helge Taubert, Thomas Greither, Johannes Schubert, Alexander Eckert*, Germany
- P—1606 **18F-FDG PET-SCAN NECK STAGING IN HEAD AND NECK TUMORS: PATHOLOGY RESULTS, CORRELATION AND MANAGEMENT**
Juan Rey, Lourdes Maniegas, Dolores Martínez-Pérez, Julián Ruiz, Silvia Rosón*, Raimundo Gutiérrez, Cristina Rodríguez, Spain
- P—1607 **DERMATOPONTIN REGULATES ADHESION AND INVASION IN ORAL CANCER THROUGH EPIGENETIC SILENCING OF CHROMATIN/HISTONE DEACETYLATION.**
Yasuhiro Saito*, Masanobu Yamatoji, Hirofumi Koike, Atsushi Kasamatsu, Katsunori Oga-wara, Masashi Shiiba, Katsuhiko Uzawa, Hideki Tanzawa, Japan
- P—1608 **ULCERATION OF THE PALATE: A CASE REPORT OF A RAPIDLY INCREASING, PAINFUL ULCERATION OF THE PALATE, PROVEN TO BE A B-CALL LYMPHOMA**
Ailsa Morrison*, Victor Lopes, Craig Mather, United Kingdom

- P—1609 **THE CHARACTERISATION OF POSSIBLE SALIVARY OSCC BIOMARKER EXPRESSION IN TYPE-2 DIABETES**
Veronika Jancsik, László Márk, GA Molnár, István Wittmann, Lajos Olasz*, Hungary
- P—1610 **EXTRAMELLARY PLAMOCYTOMA AND SPONTANEOUS REGRESSION WITHOUT TREATMENT**
Adriana Serrano Alvarez Buylla*, Modesto Alvarez Flores, Ignacio Arribas González, Guillermo Gómez Oliveira, Fátima Martínez Pérez, Spain
- P—1611 **ORAL CANCER SCREENING SYSTEM APPLYING ELECTROCHEMICAL TELOMERASE ASSAY**
Masaaki Kodama*, Kumiko Mori, Shinobu Sato, Manabu Habu, Shigeori Takenaka, Jinichi Fukuda, Kazuhiro Tominaga, Japan
- P—1612 **NEAMINE INHIBITS PROGRESSION OF ORAL CANCER BY SUPPRESSING ANGIOGENIN-STIMULATED ANGIOGENESIS AND CANCER CELL PROLIFERATION**
Koji Kishimoto*, Shoko Yoshida, Soichiro Ibaragi, Norie Yoshioka, Tatsuo Okui, Akira Sasaki, Japan
- P—1613 **MALIGNANT TRANSFORMATION OF PRECANCEROUS LESIONS IN CLINICAL STUDY**
Andrej Jenc, jr.*, Viera Jencova, Slovakia
- P—1614 **IDENTIFICATION OF GKAP1 AS A NOVEL CANCER ANTIGEN AND ITS IMMUNOGENICITY IN ORAL SQUAMOUS CELL CARCINOMA**
Shohei Domaie*, Toshiro Ono, Tadashi Hanafusa, Shoko Yoshida, Koji Kishimoto, Eiichi Nakayama, Akira Sasaki, Japan
- P—1615 **SYNDROME OF INAPPROPRIATE ANTIDIURETIC HORMONE (SIADH) SECRETION ASSOCIATED WITH SQUAMOUS CELL CARCINOMA OF THE ORAL CAVITY.**
Yuko Hatano*, Keichi Mori, Maki Takemoto, Takehiko Nakayama, Atsutaka Kinoshita, Yuji Kamiya, Japan
- P—1616 **MALIGNANT TRANSFORMATION OF PRECANCEROUS LESIONS IN CLINICAL STUDY**
Andrej Jenc jr.*, Viera Jencova, Slovakia
- P—1617 **CELL DIVISION CYCLE ASSOCIATED 2 IS ESSENTIAL FOR G1 PROGRESSION IN HUMAN ORAL CANCER**
Ayumi Yamamoto*, Fumihiko Uchida, Yukinao Kouzu, Yosuke Sakamoto, Katsunori Ogawara, Masashi Shiiba, Katsuhiro Uzawa, Hiroki Bukawa, Hideki Tanzawa, Japan
- P—1618 **COMPLICATIONS ASSOCIATED WITH DAILY CONCURRENT CHEMORADIOTHERAPY USING SUPERSELECTIVE INTRA-ARTERIAL INFUSION VIA A SUPERFICIAL TEMPORAL ARTERY FOR HEAD AND NECK CANCER**
Yuko Minami*, Akinori Iwasaki, Fumi Sawai, Takaaki Ogawa, Yumiko Ohbayashi, Minoru Miyake, Yoshiro Matsui, Japan
- P—1619 **NONMALIGNANT MICROENVIRONMENT DOES NOT SUPPORT ORAL CARCINOMA INVASION**
Elias Sundquist*, Hanna Nyström, Sini Nurmenniemi, Johanna Magga, Malin Sund, Sirpa Salo, Pia Nyberg, Heikki Ruskoaho, Tuula Salo, Finland
- P—1620 **MEDICAL TREATMENT FOR A MANDIBULAR TUMOR: A CASE REPORT OF A PRIMARY HODGKIN LYMPHOMA OF THE MANDIBLE**
Paula Barba-Recreo*, Jose Luis Del castillo, Daniel Garcia Molina, Eduard Mirada, Jorge Guñales, Miguel Burguenio, Spain
- P—1621 **INCREASED BIOLOGICAL ACTIVITY OF ENDOTHELIAL PROGENITOR CELLS (EPCS) FROM PATIENTS WITH SQUAMOUS CELL CARCINOMA COMPARED TO NORMAL POPULATION**
Thomas Ziebart*, Andreas Pabst, Christian Günther, Wolfgang Müller-Klieser, Bilal Al-Nawas, Germany
- P—1622 **THE VALUE OF ORAL BRUSH BIOPSY AND LIQUID CYTOLOGY IN EARLY DETECTION OF ORAL CANCER CELLS**
Agnieszka Zapala-Pospiech*, Matgorzata Zaleska, Romana Tomaszewska, Daniel Uryga, Poland
- P—1623 **INHIBITORY EFFECT OF GREEN TEA CATECHIN (-) EPIGALLOCATECHIN-3-GALLATE IN RAT TONGUE CARCINOGENESIS INDUCED BY 4-NITROQUINOLINE 1-OXIDE**
Takako Kono*, Shinya Watanabe, Yuki Matsushima, Shosuke Morita, Japan
- P—1624 **ADHESION MOLECULE L1 IS DOWN-REGULATED IN MALIGNANT PERIPHERAL NERVE SHEATH TUMORS VERSUS BENIGN NEUROFIBROMATOSIS TYPE-1 ASSOCIATED TUMORS**
Alexander Gröbe*, Henning Hanken, Lan Kluwe, Victor F. Mautner, Max Heiland, Melitta Schachner, Marco Blessmann, Germany
- P—1625 **SILENT PULMONARY EMBOLISM IN A PATIENT WITH HIT (HEPARIN INDUCED THROMBOCYTOPENIA) - AN INTERESTING CASE REPORT**
Spyridon Athanasiou*, George Gkinis, Demosthenes Igoumenakis, Panagiotis Dais, Constantinos Mourouzis, Michael Mezitis, George Rallis, Greece
- P—1626 **EPIGENETIC REGULATION OF FOUR AND A HALF LIM DOMAINS 1 IN HUMAN ORAL CANCER**
Kazuyuki Koike*, Katsuhiro Uzawa, Hideki Tanzawa, Japan
- P—1627 **E-CADHERIN AND B-CATENIN EXPRESSION IN ORAL SQUAMOUS CELL CARCINOMA AND RELATIONSHIP WITH CLINICAL PARAMETERS.**
Pablo Rosado*, Juan Carlos de Vicente, Lucas Villalain, Paloma Lequerica, Eva Allonca, Soledad Fernandez, Spain
- P—1628 **EXPRESSION OF FOCAL ADHESION KINASES IN ORAL SQUAMOUS CELL CARCINOMA AND ITS RELATIONSHIP WITH NODAL STAGE AND SURVIVAL**
Pablo Rosado*, Juan Carlos de Vicente, Lucas de Villalain, Paloma Lequerica, Eva Allonca, Soledad Fernandez, Spain
- P—1629 **COMPARISON OF E-CADHERIN EXPRESSION IN ORAL SQUAMOUS CELL CARCINOMA PRIMARY LESION AND ITS RELATED METASTASIS**
Pablo Rosado*, Juan Carlos de Vicente, Lucas de Villalain, Paloma Lequerica, Eva Allonca, Soledad Fernandez, Spain
- P—1630 **TELOMERASE-SPECIFIC REPLICATION-SELECTIVE ONCOLYTIC VIRUSES FOR ADENOID CYSTIC CARCINOMA CELL LINES**
Daisuke Sato*, Yuji Kurihara, Seiji Kondo, Tatsuo Shirota, Yasuo Urata, Toshiyoshi Fujiwara, Satoru Shintani, Japan
- P—1631 **MAST CELL SARCOMA; AN EXTREMELY RARE ENTITY**
Craig Miller*, Syedda Abbas, Nowshreen Khan, Janivukulum Thiruchelvam, United Kingdom
- P—1632 **VALUE OF ECOSAPENTAENOIC ACID-ENRICHED NUTRITIONAL SUPPLEMENTS FOR PATIENTS WITH HEAD AND NECK CANCER TREATED BY CHEMOTHERAPY AND RADIOTHERAPY**
Fumi Sawai*, Akinori Iwasaki, Shinnosuke Hashimoto, Ayano Tada, Yuko Minami, Takaaki Ogawa, Yumiko Ohbayashi, Minoru Miyake, Yoshiro Matsui, Japan
- P—1633 **HEDGEHOG SIGNALING PATHWAY IN ORAL AND OROPHARYNGEAL SQUAMOUS CELL CARCINOMAS**
Dinko Leovic*, Sonja Levanat, Maja Sabol, Petar Ozretic, Miroslav Sikora

17. MICROSURGICAL RECONSTRUCTION IN HEAD AND NECK

- P—1701 **THE EFFECTIVENESS OF PREOPERATIVE 3D PLANNED FREE FIBULA RECONSTRUCTIONS OF THE MANDIBLE COMPARED TO CONVENTIONAL RECONSTRUCTIONS**
Felix P. Koch*, Derek M. Steinbacher, Germany
- P—1702 **MICROSURGERY IN SEGMENTAL RESECTION OF MANDIBLE**
Victor-Vlad Costan*, Mihail Balan, Eugenia Popescu, Romania
- P—1703 **RHABDOMYOLYSIS – A RARE COMPLICATION OF FIBULAR-FREE FLAP SURGERY**
Ravinder Pabla*, Daanesh Zakai, Luke Cascarin, Tamsin Rope, United Kingdom
- P—1704 **THE ANATOMICAL BASIS OF THE DEEP CIRCUMFLEX ILIAC ARTERY FLAP: AN ANATOMICAL STUDY IN SOUTH KOREAN CADAVERS**
Hyung Jun Kim*, Bong-Chul Kim, Hye-Sun Kim, In-Ho Cha, Korea, Republic of
- P—1705 **FREE VASCULARIZED ANTERIOR RIB FLAP: AN ANATOMIC DISSECTION STUDY IN SOUTH KOREAN WITH CLINICAL CORRELATION**
Hyung Jun Kim*, Jin-Il Kwon, Da-Hye Kim, Hee-Jin Kim, Korea, Republic of
- P—1706 **RETROSPECTIVE ANALYSIS OF 200 CONSECUTIVE FREE FLAPS.**
Joke De Ceulaer*, Hervé Reyckler, Sergiu-Andrei Carausu, Pierre Mahy, Belgium
- P—1707 **FREE FLAPS RECONSTRUCTION AFTER SURGERY IN ONCOLOGIC HEAD AND NECK – OWN EXPERIENCES**
Aldona Chloupek*, Grzegorz Krzymarński, Jarosław Dąbrowski, Jan Przybyś, Tomasz Piętka, Wojciech Domański, Poland
- P—1708 **CONCEPT OF PLANNING MAXILLA AND MANDIBLE RECONSTRUCTION INTERVENTIONS.**
Sergey Butsan*, Elena Verbo, Anatoly Kulakov, Sergey Khokhlachev, Shuhrat Yighitaliev, Ksenia Gileva, Aleksander Arsenidze, Iliya Suharsky, Russian Federation
- P—1709 **“RECOVERY OF A LOST IDENTITY . VERSATILITY OF ANTEROLATERAL FREE THIGH FLAP FOR RECONSTRUCTION OF LARGE CRANIOFACIAL DEFECTS”**
David Gonzalez Ballester*, Luis Ruiz Laza, Damian Manzano Sólo de Zaldivar, Raúl González García, Laura Villanueva Alcojol, Isidoro Rubio Correa, Cristina Hernandez Vila, Manuel Moreno Sanchez, Jesús Mateos Arias, Florencio Monje Gil, Spain
- P—1710 **COMPLICATIONS IN THE DONOR AREA OF THE FASCIOCUTANEOUS FOREARM FLAP.**
Ana María López López*, Cristina Maza Muela, Alena Kulypalina, Carlos Navarro Cuellar, Julio Acero Sanz, Carlos Navarro Vila, Spain
- P—1711 **THE USE OF REVASCULARIZED AUTOGRAFTS FOR THE ELIMINATION OF DEFECTS IN THE MIDFACE**
Verbo Elena*, Butsan Sergey, Somova Marina, Ordzhonikidze Mikhail, Gileva Kseniya, Filippov Igor, Russian Federation
- P—1712 **A BIOMECHANICAL ANALYSIS AFTER FIBULAR FREE FLAP HARVEST BASED ON LOWER LIMB AXIS MEASUREMENTS: A NEW TOOL IN THE DONOR LEG CHOICE?**
Ramon Luaces-Rey*, Miguel Castro, Nicolas Carral, Isabel Suarez, Alvaro Garcia-Rozado, Jose Luis Lopez-Cedrun, Spain

P—1713 **DETERMINATION OF LOCALIZATION OF THE FACIAL ARTERY AND VEIN IN THE CHEEK WITH COLOR DOPPLER ULTRASOUND FOR INTRAORAL MICROVASCULAR ANASTOMOSIS.**
Filip Nowakowski, Maciej Rysz*, Maciej Mazurek, Janusz Jaworowski, Romuald Krawjewski, Poland

P—1714 **MMNDIBULAR RECONSTRUCTION: SPECIAL CONSIDERATIONS IN CONDYLE, RAMUS AND BODY**
Nasser Hachem*, Germany

18. MISCELLANEOUS

P—1801 **A CASE OF CONGENITAL DEFICIENCY OF FACTOR VII DIAGNOSED DUE TO POSTEXTRACTION HEMORRHAGE**
Yutaka Doi*, Kenbun Hakata, Chikako Koshiji, Kazuhiro Asano, Hitoshi Kawamata, Yutaka Imai, Japan

P—1802 **ARE WE OVER FASTING MAXILLOFACIAL SURGERY PATIENTS? A PROSPECTIVE AUDIT AND STAFF SURVEY OF KNOWLEDGE OF GUIDELINES.**
Aidan Graham, Michael Nugent, Robert Banks*, United Kingdom

P—1803 **A RARE CASE OF A HAEMATOLOGIC DISORDER CONCERNING THE FACIAL COMPLEX**
Ibric Viorel Cioranu, Rusu Mihai*, Petrescu Vlad, Fagetan Iulian, Romania

P—1804 **TRANS-ORAL APPROACH FOR RADIOFREQUENCY TO THE SPHENOPALATINE GANGLION – A CADAVERIC STUDY**
Livi Hanu-Cernat*, Dalvina Hanu-Cernat, United Kingdom

P—1805 **NIPARA, A NEW VENTILATION DEVICE FOR MANAGEMENT OF DIFFICULT AIRWAY IN EDENTULOUS AND JAW IMPAIRMENT PATIENTS.**
Andres Pauwels*, Constanza Lozano Morales, Claudia Niño, Fernando Raffan, Enrique Arango, Colombia

P—1806 **METHODS OF SECURING DRAINS IN ORAL, MAXILLOFACIAL, HEAD AND NECK SURGERY – INTRODUCING A NOVEL NEW DEVICE.**
Rishi Bhandari*, Enamul Ali, Rifat Qureshi, Leo Cheng, United Kingdom

P—1807 **ADOPTING THE TRANSTHEORETICAL MODEL OF BEHAVIOUR CHANGE (TTM) TO EXPLORE HOW ORAL & MAXILLOFACIAL SURGEONS (OMFS) CAN INFLUENCE STOP SMOKING BEHAVIOUR**
Leo Cheng*, Bhavik Desai, Liam Alsop, Yasmina Adebibe, Christianna Kyriacou, Christabel Balogun Balogun, Enamul Ali, Rifat Qureshi, Andrew Ezsias, United Kingdom

P—1808 **THE PREVALENCE OF SMOKING AND SMOKERS' HEALTH BELIEFS AMONGST ORAL AND MAXILLOFACIAL SURGERY (OMFS) PATIENTS**
Leo Cheng*, Yasmina Adebibe, Liam Alsop, Shreena Patel, Christianna Kyriacou, Christabel Balogun, Enamul Ali, Rifat Qureshi, Andrew Ezsias, United Kingdom

P—1809 **A NOVEL USE OF CHEST DRAIN**
Catherine Lau*, Vishal Mapani, Yusra Al-Mukhtar, Peter Hardee, United Kingdom

P—1810 **PHOTOGRAPHIC RETRACTORS CAN SERVE MORE THAN ONE PURPOSE**
Catherine Lau*, Rajinikanth Janakiraman, United Kingdom

P—1811 **LYMPH NODE COMPRESSION OF THE LESSER OCCIPITAL NERVE: A CAUSE OF MIGRAINE**
Bommie F. Seo, Soo-Hyung Han*, Sung-No Jung, Won-Il Sohn, Ho Kwon, Korea,

19. NASAL RECONSTRUCTION

P—1901 **RADIAL FOREARM FREE FLAP IN NASAL RECONSTRUCTION.**
Cristina Hernandez Vila*, Damian Manzano Solo de Zaldivar, Laura Villanueva Alcojol, David Gonzalez Ballester, Isidoro Rubio Correa, Manuel Moreno Sanchez, Spain

20. NON-MICROVASCULAR RECONSTRUCTION IN HEAD AND NECK

P—2001 **THE FULL-THICKNESS PARIETAL OSTEOFASCIAL FLAP PEDICLED TO SUPERFICIAL TEMPORAL ARTERY: AN ALTERNATIVE TO MICROSURGERY FOR MANDIBULAR RECONSTRUCTION. A CASE REPORT**
María Pombo*, Jose Luis López-Cedrún, Ramón Luaces, Javier Collado, Álvaro García-Rozado, Jose Ferreras, Ana Otero, Vanessa Chávez, Miguel Iglesias, José Cachaldora, Spain

P—2002 **THE PECTORALIS MAJOR FLAP RECONSTRUCTION IN HEAD AND NECK CANCER; A SEVEN YEAR RETROSPECTIVE REVIEW**
Philippa Cullingham*, Ayesha Dalal, Michael Esson, United Kingdom

P—2003 **EXTERNAL FIXATION: AN OPTION IN MAXILLOFACIAL SURGERY**
Adriana Serrano Alvarez Buyla*, Modesto Alvarez Florez, Ignacio Arribas Garcia, Guillermo Gómez Oliveira, Carlos Martínez Gimeno, Fátima Martínez Pérez, Spain

P—2004 **A CASE OF PSEUDOARTHROSIS ON ILIAC CREST FREE FLAP WITH IMPLANT REHABILITATION AND ITS TREATMENT USING NONVASCULARIZED BONE GRAFTING**
Alba García Sevilla*, Manuel Tousidonis, Julio Acero, Santiago Ochandiano, Carlos Navarro Cuéllar, Carlos Navarro Vila, Spain

P—2005 **PECTORALIS MAJOR MYOCUTANEOUS FLAP IN A 2 YEAR OLD PATIENT**
Bruno Santos Gomes*, Portugal

P—2006 **ONE STAGE RECONSTRUCTION OF THE FLOOR OF THE MOUTH WITH THE BILATERAL SUBCUTANEOUS PEDICLED NASOLABIAL FLAP – AN ALTERNATIVE TO MICROVASCULAR RECONSTRUCTION**
Tiago Neto*, Rui Balhau, Lígia Coelho, Isabel Pinto, Inês Correia-Sá, Álvaro Silva, Portugal

P—2007 **LOCOREGIONAL FLAPS FOR ORAL DEFECTS RECONSTRUCTION**
Jorge Guíñales Díaz de Cevallos*, Javier Gonzalez Martin-Moro, José Luis Del Castillo Pardo de Vera, Miguel Burqueño García, Spain

P—2008 **USE OF TISSUE EXPANDERS IN HEAD AND NECK RECONSTRUCTIVE SURGERY: OUR EXPERIENCE**
Manuel Acosta-Feria*, Benito Ramos-Medina, Antonio López-Davis, Juan José Haro-Luna, Raquel Villar-Puchades, Spain

P—2009 **RECENT ADVANCES IN RECONSTRUCTIVE ORAL AND MAXILLOFACIAL SURGERY**
Indran Balasundaram*, Ihsaan Al-Hadad, Sat Parmar, United Kingdom

P—2010 **APPLICATION OF POROUS HYDROXYAPATITE BLOCK FOR MAXILLOFACIAL DEFORMITY**
Motoki Katsube*, Kenji Kusumoto, Takashi Takemoto, Masakatsu Hihara, Kenji Suzuki, Osamu Horio, Japan

21. OBSTRUCTIVE SLEEP APNEA

P—2101 **PREDICTORS OF SNORING AND OBSTRUCTIVE SLEEP APNEA IN CEPHALOMETRIC ANALYSIS**
Mi Hyun Seo*, Eun Woo Seo, Seung Il Song, Hyun Jun Kim, Korea, Republic of

P—2102 **COMBINATION OF SURGICAL TECHNIQUES FOR THE TREATMENT OF SEVERE MANDIBULAR RETRACTION, IN PATIENTS SUFFERING OF OSA. PRESENTATION OF THREE CASES.**
David Sanz*, Carlos Goizqueta, Fernando Valiente, Joao Pedro Marcelino, Andres Martinez, Spain

P—2103 **NEW SURGICAL METHOD FOR NON-APNEIC SNORING: INITIAL RESULT (CASE REPORT)**
Željko Orihovac*, Croatia

22. OMFS EDUCATION & STRATEGIES

P—2201 **COMPARING HOSPITAL TELECOMMUNICATION SYSTEMS: COSTS, USER SATISFACTION AND EFFICACY.**
Tanvi Sapre, Alexandra Tompson, Robert Banks*, Michael Nugent, United Kingdom

P—2202 **A MIXED-METHOD ANALYSIS OF THE EFFECTS OF PREVIOUS SURGICAL EXPERIENCE OF MEDICALLY QUALIFIED GRADUATES STUDYING DENTISTRY IN ORDER TO PURSUE A CAREER IN ORAL AND MAXILLOFACIAL SURGERY.**
Alexander Goodson*, Karl Payne, Arpan Tahim, Lyndon Cabot, Kathleen Fan, United Kingdom

P—2203 **A NOVEL APPLICATION OF SMARTPHONE TECHNOLOGY TO AID THE SINGLY-QUALIFIED SENIOR HOUSE OFFICER IN ORAL AND MAXILLOFACIAL SURGERY.**
Alexander Goodson*, Karl FB Payne, Kathleen Fan, United Kingdom

P—2204 **USE OF SURGICAL LOUPES AMONG ORAL AND MAXILLOFACIAL SURGERY SPECIALIST TRAINEES IN THE UNITED KINGDOM**
Shahme Farook*, Ramunas Nekrasius, Srividya Nair, Neha Rastogi, Anwer Abdullakutty, Colin Hopper, United Kingdom

P—2205 **THE AUDIT OF JUNIOR DENTISTS YEAR 2 (DENTAL FOUNDATION DOCTORS IN ENGLAND-DF2S) CONFIDENCE WITH DEALING WITH ACUTE MEDICAL CONDITIONS – EXPERIENCE FROM NORTHAMPTON GENERAL HOSPITAL**
Bartek Swiech*, James Gallagher, United Kingdom

P—2206 **AN ASSESSMENT OF A&E REFERRALS TO THE REGIONAL MAXILLOFACIAL SURGERY UNIT AT NORTHWICK PARK HOSPITAL**
Daanesh Zakai*, Samantha Haque, Ee Lyn Low, Ambika Chadha, Bhavin Visavadia, United Kingdom

P—2207 **EVALUATION OF THE SMARTPHONE – FROM INFORMATION RESOURCE TO DIAGNOSTIC TOOL IMPLICATIONS FOR THE OMF SURGEON**
Navin Vig*, Amraj Dhillon, United Kingdom

P—2208 **TABLET COMPUTING AND ITS USES FOR ORAL AND MAXILLOFACIAL SURGEONS:**
Rishi Bhandari*, Kavın Andi, United Kingdom

23. ORBITAL PATHOLOGY

P—2301 **LATERAL ORBITOTOMY – A WINDOW TO INTRA-ORBITAL TUMORS**
Teresa Burnay*, Rita Valença-Filipe, Isabel Pinto, José Bilhoto, Portugal

P—2302 **ORBITAL HYDATID CYST: A REPORT OF 12 CASES**
Salma Benazzou*, Yasser Arkha, Malik Boulaadas, Abdessamad El Ouahabi, Abdessalam El Khamlichi, Morocco

- P—2303 **TEMPORO-ORBITARY PLEXIFORME NEUROFIBROMA. CLINIC CASE.**
Maria Antonia Contreras Morillo*, Jose Luis Salinas Sanchez, Yolanda Aguilar Lizarralde, Francisco Ruiz Delgado, Antonio Valiente Alvarez, Lucas Bermudo Añino, Spain
- 24. ORTHOGNATHIC SURGERY**
- P—2401 **INFECTION RATES AFTER BILATERAL SAGITTAL SPLIT OSTEOTOMY, LE FORT I OSTEOTOMY, AND GENIOPLASTY USING AN ABSORBABLE PLATE IN COMBINATION WITH SELF-SETTING ALPHA-TRICALCIUM PHOSPHATE**
Katsuhiko Okabe*, Koichiro Ueki, Kohei Marukawa, Akinori Moroi, Maho Miyazaki, Aya Mukozawa, Syuichi Kawashiri, Japan
- P—2402 **ASSESSMENT OF BONE HEALING AND HYPOESTHESIA IN UPPER LIP AFTER LE FORT I OSTEOTOMY WITH SELF-SETTING A-TRICALCIUM PHOSPHATE AND ABSORBABLE PLATE'S**
Koichiro Ueki*, Katsuhiko Okabe, Kohei Marukawa, Aya Mukozawa, Akinori Moroi, Maho Miyazaki, Megumi Sotoboru, Yuri Ishihara, Shuichi Kawashiri, Japan
- P—2403 **VARIATION OF MIDFACIAL OSTEOTOMIES AND DIFFERENT TECHNIQUES FOR CORRECTION MIDFACIAL DEFORMITIES**
Korana Balac*, Michel Giguere, Zainab Mohammed Hussein, United Arab Emirates
- P—2404 **IS LEVEL 2 CARE NECESSARY FOR PATIENTS IN THE IMMEDIATE POST-OPERATIVE PERIOD AFTER ELECTIVE ORTHOGNATHIC SURGERY?**
Reema Amin*, Ravinder Pabla, Manolis Heliotis, Caroline Mills, Graham Bounds, United Kingdom
- P—2405 **CLINICAL EVALUATION OF INVERTED -L OSTEOTOMY.**
Kazutoshi Kamei*, Yoshihiro Ohashi, Rikuma Ishida, Junichi Takeda, Motohiro Kobayakawa, Japan
- P—2406 **ORTHOGNATHIC SURGERY FOLLOWING INVISIBLE ORTHODONTICS**
Rafael Gómez Fernández*, Jose Miguel Cantera García, Carlos Jacobo Baró Alonso, Alberto Strange, Spain
- P—2407 **IMPLANT-PROTHESIS REHABILITATION IN PATIENTS WITH SEVERE MAXILLARY ATROPHY THROUGH BONE GRAFT AND LEFORT I ADVANCEMENT OSTEOTOMY.**
Rafael Gómez Fernández*, Alberto Serrat Soto, Ángel Espero Ferrero, Verrier Hernández, Spain
- P—2408 **PNEUMOMEDIASTINUM AFTER ORTHOGNATHIC SURGERY. CASE REPORT AND REVIEW OF THE LITERATURE**
Susanne Jung*, Thomas Prien, Claudia Rudack, Tobias Annussek, Johannes Kleinheinz, Germany
- P—2409 **A PROSPECTIVE RANDOMISED CONTROLLED CLINICAL TRIAL INVESTIGATING FACIAL SWELLING AND THE USE OF SURGICAL DRAINS IN ORTHOGNATHIC SURGERY**
Rachel Wilson*, Robert Lee, Avani Patel, Nayem Ali, Mike Millwaters, Pratik Sharma, United Kingdom
- P—2410 **COMBINATION OF SURGICAL TONGUE REDUCTION AND ORTHODONTIC TREATMENT IN PATIENT WITH BECKWITH-WIEDEMANN SYNDROME**
Davor Jokic, Vedran Ugresic, Drazen Jokic*, Predrag Knezevic, Croatia
- P—2411 **POSTOPERATIVE STABILITY AFTER SSRO WITH POSTERIOR BENDING OSTEOTOMY OF DISTAL SEGMENT TO MINIMIZE CONDYLAR TORQUE IN FACIAL ASYMMETRY**
Hoon Joo Yang*, Soon Jung Hwang, Korea, Republic of
- P—2412 **EFFECT OF MODIFIED INTRAORAL VERTICAL RAMUS OSTEOTOMY ON POST-OPERATIVE STABILITY IN UNILATERAL MANDIBULAR ADVANCEMENT FOR FACIAL ASYMMETRY CORRECTION**
Sara R. Kang S.*, Kyung-Ran Park, Hwi-Dong Jung, Hyung-Sik Park, Young-Soo Jung, Korea, Republic of
- P—2413 **ALTERED LIGHT TOUCH SENSATION AFTER BILATERAL SAGITTAL-SPLIT OSTEOTOMY**
Drazen Jokic*, Davor Jokic, Predrag Knezevic, Darko Macan, Croatia
- P—2414 **CHANGE IN LIP CLOSING FORCE AFTER SURGICAL CORRECTION OF SKELETAL CLASS III MALOCCLUSION: A FOLLOW-UP STUDY**
Aya Mukozawa*, Koichiro Ueki, Kathuhiko Okabe, Maho Miyazaki, kohei Marukawa, Japan
- P—2415 **POSTERIOR FACE AUTOROTATION USING INTRAORAL DISTRACTORS: REPORTS OF A CASE**
Zoe Nicolaou Ioannou*, Cyprus
- P—2416 **EFFECTS OF ALAR BASE CINCH SUTURE IN LE FORT I OSTEOTOMY FOR PATIENTS WITH FACIAL ASYMMETRY**
Akinori Moroi*, Koichiro Ueki, Kohei Marukawa, Maho Miyazaki, Aya Mukozawa, Shuichi Kawashiri, Japan
- P—2417 **COMPARISON OF THE DELAIRE'S TWO-DIMENSIONAL AND THREE-DIMENSIONAL CEPHALOMETRIC ANALYSIS IN KOREAN ADULTS**
Kyung-Ran Park*, Tae-Jun Kil, Jin-Geun Kim, Sang-Hoon Kang, Hyung-Seog Yu, Hyung-Seon Baik, Sang-Hwy Lee, Korea, Republic of
- P—2418 **CORRECTION OF SEVERE ANTERIOR OPEN BITE BY TWO JAW SURGERY WITH THE AID OF A CONDYLAR POSITIONING DEVICE**
Aysegul Apaydin*, Serdar Yenigun, Utku Ureturk, Turkey
- P—2419 **SURGERY-FIRST APPROACH FOR SKELETAL CLASS III CORRECTION USING 3-DIMENSIONAL SIMULATION**
Sang-hoon Kang*, Korea, Republic of
- P—2420 **MANDIBULAR HARD TISSUE AND SOFT TISSUE CHANGES ASSOCIATED WITH TREATMENT IN BIMAXILLARY PROTRUSION : A ORTHOGNATHIC TREATMENT WITH AN ANTERIOR SEGMENTAL OSTEOTOMY VS A CONVENTIONAL ORTHODONTIC TREATMENT WITH PREMOLAR EXTRACTION.**
Hongsoon Kim*, Seoneung Yoon, Baeksoo Lee, Youngjoo Kim, Yongdae Kwon, Byung-joon Choi, Jooyoung Ohe, Seongwon Park, Jeongmin Ryu, Yeogab Kim, Korea, Republic of
- P—2421 **2-JAW SURGERY WITH COUNTER CLOCKWISE ROTATION OF THE OCCLUSAL PLANE IN CII PATIENT WITH GUMMY SMILE : A REPORT OF CASES**
SeonEung Yoon*, HongSoon Kim, BaekSoo Lee, YeogAb Kim, YongDae Kwon, ByungJoon Choi, Jooyoung Ohe, SeongWon Park, JeongMin Ryu, YoungJoo Kim, Korea, Republic of
- P—2422 **OBWEGESER 2 METHOD FOR TREATMENT OF SEVERE MANDIBULER PROTRUSION. - RECOVERY PROCESS OF SENSORY DISTURBANCE -**
Yoshito Takasaki*, Japan
- P—2423 **SPECIFIC COMBINATION THERAPY OF PATIENTS WITH OPEN BITE ACCOMPANIED BY "LONG FACE SYNDROME" AND GINGIVAL SMILE.**
Asiyat Vodakhova*, Alexey Drobishev, Nailya Drobisheva, Anastasiya Kozlova, Igor Klipa, Russian Federation
- P—2424 **ULTRASOUND OSTEOTOMES IN SURGICAL ORTHODONTICS AND ORTHOGNATHIC SURGERY**
Antonio Maria Miotti*, Marco Finotti, Giovanni Freschi, Cosimo Napolitano, Antonella Dovier, Italy
- P—2425 **THREE-DIMENSIONAL PLANNING SURGERY TREATMENT THE PATIENT WITH JAW ASYMMETRIES**
Timur Dibirov*, Russian Federation
- P—2426 **MODIFIED MANDIBULAR PLATE IN BONE-ANCHORED MAXILLARY PROTRACTION**
Krisztián Nagy*, Bálint Nemes, Gábor Fábán, Belgium
- P—2427 **AN ACCURATE MAXILLARY SUPERIOR REPOSITIONING TECHNIQUE WITHOUT INTRAOPERATIVE MEASUREMENT IN BIMAXILLARY ORTHOGNATHIC SURGERY**
Toshinori Iwai*, Susumu Omura, Sachiko Kimizuka, Koji Honda, Naoki Shibutani, Koichi Fujita, Iwai Tohnai, Japan
- P—2428 **FACIAL MOBILITY AFTER BIMAXILLARY SURGERY IN CLASS III PATIENTS: A THREE-DIMENSIONAL STUDY**
Francesca Antonella Bianchi*, Laura Verzè, Guglielmo A. Ramieri, Italy
- P—2429 **TREATMENT PLANNING OF PATIENTS WITH THIRD CLASS OF MALOCCLUSION ACCOMPANIED BY NARROW MAXILLA**
Anastasia Kozlova*, Alexey Drobishev, Nelly Drobisheva, Igor Klipa, Konstantin Kurakin, Asiyat Vodakhova, Russian Federation
- P—2430 **ACTINOMYCOSIS - RARE COMPLICATION AFTER ORTHOGNATHIC SURGERY. CASE REPORT.**
Branislav Gáliš*, Jaroslav Janec, Dušan Hirjak, Michal Beňo, Slovakia
- P—2431 **HILOTHERM®-THERAPY VERSUS COOLING WITH ICE PACKS IN TREATMENT OF POSTOPERATIVE SWELLING AND PAIN FOLLOWING ORTHOGNATHIC SURGERY. A RANDOMIZED CONTROLLED TRIAL USING QUANTITATIVE 3D- PHOTOGRAMMETRY.**
Tobias Nitsche*, Laura Stern, Michael Rohnen, Andreas Reinhardt, Jörg Wiltfang, Germany
- P—2432 **SLO WITHOUT FIXATION; THE NEW CONCEPT OF MANDIBULAR OSTEOTOMY-FLOATING BONE CONCEPT-**
Seigo Ohba*, Masashi Yoshida, Haruka Kohara, Noriko Nakao, Tokutaro Minamizato, Takako Kawasaki, Naomi Motooka, Noriaki Yoshida, Izumi Asahina, Japan
- P—2433 **COMPARATIVE STUDY BETWEEN 2 METHODS OF MOUNTING MODELS IN SEMIADJUSTABLE ARTICULATOR FOR ORTHOGNATHIC SURGERY**
Roger Moreira*, Gabriela Mayrink, Fábio Sato, Renato Sawazaki, Brazil
- P—2434 **DEADLY DELAYED HEMORRHAGE AFTER LE FORT I OSTEOTOMY: CASE REPORT**
Joo-Wan Kang*, Jong-Ho Lee, Jong-Min Lee, Un Bong Baik, Jae-Yeol Lee, Chang-Hyun Kim, Je Uk Park, Korea, Republic of
- P—2435 **EVALUATION OF SWALLOWING FUNCTION BEFORE AND AFTER SAGITTAL SPLIT RAMUS OSTEOTOMY**
Yoshiyuki Yonehara*, Shunsuke Namaki, Yuichi Ishiyama, Norio Maekawa, Jun Iwata, Japan
- P—2436 **PATIENT PERCEPTION OF ORTHOGNATHIC SURGERY - WHAT DO THEY UNDERSTAND?**
Nabeela Ahmed*, Natasha Wrigh, Philip Stenhouse, United Kingdom

25. OTOPLASTY AND EAR RECONSTRUCTION

- P—2501 **PREAURICULAR PEDICLED FLAP TO THE RECONSTRUCTION OF THE EAR LOBE**
Adriana Serrano Alvarez Buylla*, Modesto Alvarez Flores, Ignacio Arribas González, Guillermo Gómez Oliveira, Carlos Martínez Gimeno, Fátima Martínez Pérez, Spain
- P—2502 **CORRECTION OF UPPER HELICAL DEFORMITIES BY STRUT CARTILAGE GRAFT IN CRYPTOTIA**
Euna Hwang*, Young Soo Kim, Chung Hun Kim, Korea, Republic of

26. PREPROSTHETIC SURGERY AND IMPLANTOLOGY

- P—2601 **TACHOSIL PATCH USING IN SUB-MUCOSA PROTECTION OF THE COFFERING BONE IN PRE-IMPLANT SURGERY: EXPERIMENTAL AND PROSPECTIVE CLINICAL TRIAL OF 45 CASES.**
Dominique Goga*, Laetitia Goffinet, Jean Daniel Kun, Christophe Doré, Boris Laure, Nguyen Tran, Farid Benabdallah, Florent Sury, France
- P—2602 **CHRONIC SINUS REACTIONS TO ZYGOMA IMPLANTS: RETROSPECTIVE CLINICAL AND RADIOLOGICAL STUDY ON 40 PATIENTS WITH 46 UNILATERAL ZYGOMA IMPLANTS FOLLOWED FOR 33 MONTHS**
Vanhemelryck Youri*, Voisin Cyrille.A, Malevez Chantal, Evrard Laurence, Daelemans Philippe, Belgium
- P—2603 **SPONTANEOUS DENTAL IMPLANT DISPLACEMENT INTO THE MAXILLARY SINUS DURING OSTEOINTEGRATION PERIOD.**
Cem Üngör, Emre Tosun, Kerem Turgut Atasoy, Ezher Hamza Dayisoylu, Sadi Memiş, Figen Çizmeçi Şenel*, Turkey
- P—2604 **FUNCTIONAL EVALUATION OF IMPLANT TREATMENT AFTER SURGICAL RESECTION OF ORAL CANCER**
Chie Yanai*, Yasuo Sakai, Hitoshi Akiyama, Masaru Yamase, Shigeru Yokozawa, Hitoshi Takamori, Yasushi Hiraga, Japan
- P—2605 **LE FORT I AND SIMULTANEOUS ZYGOMATIC IMPLANTS INSERTION IN PREPROSTHETIC SURGERY: CASE REPORT.**
Antonio D'Agostino*, Lorenzo Trevisiol, Pasquale Procacci, Pier Francesco Nocini, Italy
- P—2606 **RESTORATIVE TREATMENT OF SOFT TISSUE DEFECTS AFTER REMOVAL OF GINGIVAL TUMORS EXCEEDING MUCO-GINGIVAL JUNCTION**
Marian Inglot*, Anna Bednarczyk, Małgorzata Zaleska, Daniel Uryga, Poland
- P—2607 **IMMEDIATE IMPLANT PLACEMENT AND IMMEDIATE LOADING, IN A FLAPLESS PROCEDURE: A CASE SERIES OF 25 IMPLANTS.**
Paulo Coelho*, Vanessa Osório, Gonçalo Dias, Portugal
- P—2608 **VERTICAL BONE FORMATION CHARACTERISTICS OF THE DENTAL IMPLANTS WITH CALCIUM PHOSPHATE COATED SURFACES**
Victor Palarie*, Eik Schiegnitz, Bilal Al Nawas, Peer W. Kammerer, Moldova, Republic of
- P—2609 **IDIOPATHIC ROOT RESORPTION OF THE MAXILLARY CENTRAL INCISORS – OR IS IT DUE TO PLAYING THE FLUTE?**
Eva Vetro*, Laszlo Seres, Andras Kocsis, Janos Perenyi, Hungary
- P—2610 **THE APPLICATION OF MINIIMPLANTS IN THE PROSTHETIC REHABILITATION OF A PATIENT AFTER PARTIAL RESECTION OF THE MANDIBLE**
Danuta Samolczyk-Wanyura*, Marek Rybicki, Edyta Jaworska, Michal Jonasz, Poland
- P—2611 **VERTICAL BONE AUGMENTATION USING DEPROTEINIZED BOVINE BONE BLOCKS IN COMBINATION WITH RECOMBINANT HUMAN PLATELET-DERIVED GROWTH FACTOR-BB AND GUIDED BONE REGENERATION**
Victor Palarie*, Peer Kammerer, Eik Schiegnitz, Bilal Al Nawas, Moldova, Republic of
- P—2612 **REPORT OF ALVEOLAR BONE AUGMENTATION USING ONLAY BONE GRAFT**
Min-Sung Cho*, Min-Suk Kook, Hong-Ju Park, Hee-Kyun Oh, Sun-Youl Ryu, Korea, Republic of
- P—2613 **ALVEOLAR DISTRACTION OSTEOGENESIS VERSUS AUTOGENOUS ONLAY BONE GRAFT FOR DENTAL IMPLANTS: 12-YEARS FOLLOW-UP STUDY**
Jinwoo Kim*, Sun-Jong Kim, Myung-Rae Kim, Korea, Republic of
- P—2614 **APPLICATION OF DENTAL IMPLANT FOR THE PATIENTS WITH CLEFT LIP AND/OR PALATE**
Katsuhiko Minami*, Hideto Imura, Akihiro Mori, Maya Ono, Teruyuki Niimi, Kumiko Fujiwara, Toshio Sugahara, Nagato Natsume, Japan
- P—2615 **CLINICAL APPLICATION OF PIEZOSURGERY TECHNIQUE IN MAXILLO-FACIAL SURGERY**
Aliaksandr Shabanovich*, Belarus
- P—2616 **VENEER TECHNIQUE FOR JAWS' ALVEOLAR PROCESSES AUGMENTATION**
Aliaksandr Shabanovich*, Belarus

- P—2617 **SURGICAL TREATMENT OF PATIENTS WITH DEFECTS OF THE ALVEOLAR BONE OF JAWS USING SUBMUCOSAL ENDOEXPANDERS**
Roman Grozov*, Alexey Drobyshev, Dmitriy Ermolin, Irina Yakimenko, Grigoriy Lifagin, Russian Federation
- P—2618 **ORTHOGNATHIC, MICROVASCULAR AND IMPLANT-PROSTHETIC THERAPY OF UNTREATED CLEFT LIP AND PALATE IN ADULT PERSON**
Margita Belusic-Gobic*, Robert Cerovic, Mirna Juretic, Mate Rogic, Barbara Mady-Maricic, Zoran Kovac, Croatia
- P—2619 **IMMEDIATE FUNCTION AND GRAFTLESS SOLUTION FOR COMPLETE LOSS OF ALVEOLAR RIDGE ON THE TWO JAWS WITH AN INDIVIDUALISABLE NEW IMPLANT TYPE AND THE NEW IMPLANT MATERIAL PEEK: A CASE DESCRIPTION**
Alexander Bagdasarov*, France
- P—2620 **DENTAL IMPLANTS SUCCESSFULLY PLACED ON A FIBULA FLAP IN A PATIENT WITH OSTEORADIONECROSIS (ORN) OF THE JAWS**
Rafael Martin-Granizo*, Alejandrina Millón, Alejandro Encinas, Eulalia Fernandez, Blanca Nuñez, Farzin Falahat, Alberto Berguer, Spain
- P—2621 **AN ANALYSIS OF THE INTERFACE DENTAL IMPLANT-BONE IN A VASCULARIZED ILIAC CREST GRAFT FOR MANDIBULAR RECONSTRUCTION.**
Rafael Martin-Granizo*, Celia Clemente, Alejandro Encinas, Alejandrina Millon, Eulalia Fernandez, Blanca Nuñez, Jesus Sanchez, Alberto Berguer, Spain
- P—2622 **MORPHOLOGICAL CHANGES OF OSTEOINTEGRATION IN DYNAMICS WHEN ACUPUNCTURE APPLIED. EXPERIMENTAL CASE**
Irina Pohodenko-Chudakova*, Tatyana Chevela, Ludmila Pachkevitch, Belarus
- P—2623 **EXTRAORAL IMPLANTS FOR OCULAR EPITHESES, FOR THE REHABILITATION OF A PATIENT WITH ORBITAL MUTILATION RESULTING FROM NECROTIZING FASCIITIS**
Laurence Evrard*, Cyril Voisin, Yassin Bouzelmat, Olivier Oth, Régine Glineur, Belgium
- P—2624 **REHABILITATION OF THE ATROPHIC EDENTULOUS MAXILLA BY MEANS OF FOUR EXTRAMAXILLARY ZYGOMATIC FIXTURES, BILATERAL SINUS LIFT AND APPOSITIONAL ALLOGRAFT AND PLATELET RICH FIBRIN (PRF)**
Laurence Evrard*, Yassin Bouzelmat, Régine Glineur, Belgium
- P—2625 **DEVELOPMENT OF A NEW BLOOD TEST BASED ON THE HELPER LYMPHOCYTES TH-17 RESPONSE FOR THE DIAGNOSIS OF ALLERGIES TO TITANIUM AND OTHER DENTAL METALS**
Laurence Evrard*, Marjorie Brognez, Liliane Scandéné, Annick Ocmant, Dominique Parent, Françoise Mascart, Belgium

27. RECONSTRUCTIVE SURGERY OF CRANIOFACIAL MALFORMATIONS

- P—2701 **IMPROVED ACCURACY OF FRONTO-ORBITAL ADVANCEMENT FOR METOPIC SYNOSTOSIS USING PREOPERATIVE PLANNING**
Michael L. Diluna, Felix P. Koch, Derek M. Steinbacher*, United States
- P—2702 **SIMULTANEOUS CORRECTION OF HUGE BASAL ENCEPHALOCELE WITH HYPERTELORISM AND MANDIBULAR CLEFT OF NOSE, UPPER LIP AND MAXILLA. CASE REPORT.**
Alexandre Ivanov*, Leonid Satanin, Alexandre Sakharov, Natalia Lemeneva, Konstantin Popugayev, Alexandre Kulikov, Russian Federation
- P—2703 **BILATERAL CORONAL AND PARTIAL SAGITTAL SYNOSTOSIS IN X-LINKED HYPOPHOSPHATEMIC RICKETS: SUBTOTAL CRANIAL VAULT REMODELLING WITH FRONTO-ORBITAL ADVANCEMENT AND RIGHT-ANGLED Z-OSTEOTOMIES**
Michael Engel, Gregor Castrillón-Oberndorfer*, Christian Freudelsperger, Jürgen Hoffmann, Germany
- P—2704 **CRANIAL VAULT REMODELLING IN MICROCEPHALIC OSTEODYSPLASTIC PRIMORDIAL DWARFISM TYPE II (MOPD II) AND CRANIOSYNOSTOSIS: SURGICAL OUTCOME IN THE LONG TERM FOLLOW UP**
Michael Engel*, Gregor Castrillón-Oberndorfer, Jürgen Hoffmann, Christian Freudelsperger, Oliver Christian Thiele, Marcus Egermann, Germany
- P—2705 **CRANIOFACIAL TERATOMAS: 'THE GREAT ORMOND STREET EXPERIENCE'**
Michail Vourvachis*, Alistair Cobb, Jonathan Britto, Richard Hayward, David Dunaway, United Kingdom
- P—2706 **THE BASAL NEUROSURGERY APPROACH AND COMBINED TRANSCRANIAL AND TRANSNASAL ENDOSCOPIC APPROACHES IN SURGICAL TREATMENT OF ANTERIOR AND BASAL ENCEPHALOCELE IN CHILDREN.**
Leonid Satanin*, Dmitry Kapitanov, Vitaly Roginsky, Alexander Sakharov, Alexander Ivanov, Natalia Lemeneva, Russian Federation
- P—2707 **MANAGEMENT OF ENCEPHALOCELE IN WEST AFRICA ON BOARD THE MERCY SHIPS**
Leo Cheng*, Lou Koeper, Peter McDermott, GARY Parker, United Kingdom

- P—2708 **HEMIFACIAL MICROSOMIA WITH HERNIATION OF INTRACRANIAL MATTER TO THE NASOPHARYNX – A CASE REPORT OF AN INCIDENTAL FINDING**
Frederico Pimentel*, João Pedro Marcelino, Hugo Martins Marques, Rute Saleiro, Sandra Ferreira, Sandra Bitoque, Richard Nunes, David Sanz, Margarida Mesquita, Teresa Lopes, Portugal
- P—2709 **LEHMAN SYNDROME – A CASE OF MICROGNATHIA**
Inês Correia-Sá, Tiago Neto*, José Amarante, Ricardo Horta, Álvaro Silva, Miguel Leão, Marisa Marques, Portugal
- P—2710 **CRANIOFACIAL ASYMMETRY IN CONGENITAL MUSCULAR TORTICOLLIS AFTER COMPLETE TIGHT FIBROUS BAND RELEASE AND RESECTION OF STERNOCLEIDOMASTOID MUSCLE**
Myongchul Park*, SungJo Suh, Shin Young Lim, Korea, Republic of
- 28. RHINOPLASTY**
- P—2801 **SECONDARY RHINOPLASTY USING THE TURKISH DELIGHT TECHNIQUE – A CASE REPORT**
Inês Correia-Sá, Tiago Neto*, Ricardo Horta, Álvaro Silva, José Amarante, Marisa Marques, Portugal
- P—2802 **AESTHETIC SEPTORHINOPLASTY: CORRECTIVE SURGERY IN AESTHETIC RHINOPLASTY**
Soo Kwang Yoon*, NakHeon Kang, Seung Han Song, Sang Ha Oh, Jae Yong Jung, Korea, Republic of
- P—2803 **EXPANSION PROCEDURES OF THE NASAL ENVELOPE IN SHORT NOSE DEFORMITY**
NakHeon Kang*, Soo Kwang Yoon, Seung Han Song, Sang Ha Oh, Jae Yong Jeong, Korea, Republic of
- 29. SALIVARY GLANDS - SURGERY AND PATHOLOGY**
- P—2901 **SEROLOGICAL MONITORING WITH CEA LEVELS OF MUCOEPIDERMOID CARCINOMA: CASE REPORT AND CONTROVERSY**
Mireia Meleru Luque*, Carlos David Arranz Obispo, Arnaud Morla, Antonio Mari Roig, Inmaculada Juarez Escalona, Gonzalo Gomez San gil, Silvia Cosco Albers, Antonio Monner Dieguez, Spain
- P—2902 **NON-SEBACEOUS LYMPHADENOMA OF THE PAROTID GLAND. REPORT OF TWO CASES AND LITERATURE REVIEW**
Lourdes Maniegas*, Dolores Martinez-Perez, Juan Rey, Julian Ruiz, Silvia Roson, Mabel Cedeño, Spain
- P—2903 **IMPACT OF THE FACIAL NERVE PARALYSIS AFTER PAROTIDECTOMY FOR PLEOMORPHIC ADENOMA.**
Pedro Infante-Cossio*, Eduardo Gonzalez-Cardero, Victoria-Eugenia Prats-Golczer, Rodolfo Belmonte-Caro, Alberto Garcia-Perla-Garcia, Luis-Miguel Gonzalez-Perez, Spain
- P—2904 **ROLE OF MEDICAL THERMOGRAPHY IN TREATMENT OF FREY'S SYNDROME WITH BOTULINUM TOXIN A**
Richard Green, Simon Endersby*, John Allen, James Adams, United Kingdom
- P—2905 **SALIVARY GLAND TUMORS: A 26-YEAR RETROSPECTIVE STUDY IN A SINGLE KOREAN INSTITUTION**
Sara R. Kang S.*, Hye-Young Na, Dong Wook Kim, Woong Nam, In-Ho Cha, Hyun Sil Kim, Hyung Jun Kim, Korea, Republic of
- P—2906 **PAROTID DERMOID CYST: A RARE ENTITY**
Luis Miguel Gonzalez-Perez*, Victoria Nunez-Vera, Pablo Redondo, Santos Crespo-Torres, Spain
- P—2907 **SCLEROSING POLYCYSTIC ADENOSIS OF PAROTID GLAND**
Spomenka Manojlović*, Mišo Virag, Ivica Lukšić, Aleksandar Milenović, Croatia
- P—2908 **GIANT SALIVARY CALCULI OF THE SUBMANDIBULAR GLAND**
Christopher Fowell*, Andrew MacBean, Andrew Rennie, United Kingdom
- P—2909 **MUCOEPIDERMOID CARCINOMA OF THE HARD PALATE FOUND IN A CHILD: A CASE REPORT OF AN EIGHT YEARS GIRL**
Hiroki Nagayasu*, Yujiro Handa, Yoshihiro Abiko, Makoto Arisue, Japan
- P—2910 **COMPARATIVE EVALUATION OF MORPHOLOGIC AND ECHOGRAPHIC CHARACTERISTICS OF MAJOR SALIVARY GLANDS TUMORS**
Svetlana Tarasenko*, Tatiana Shipkova, M Smyslenova, Andrey Roudnev, Andrey Shishkanov, Russian Federation
- P—2911 **PRESERVATION OF THE CONTRA LATERAL VASCULARISED NASAL LINING DURING PALATAL FENESTRATION PROCEDURES-A SIMPLE TECHNIQUE**
Ketan Shah*, Leo Stassen, United Kingdom
- P—2912 **CLINICAL FEATURES OF IGG4-RELATED DISEASE IN ORAL AND MAXILLOFACIAL REGION, AND USEFULNESS OF MINOR SALIVARY GLAND BIOPSY FOR THE DIAGNOSIS OF THIS DISEASE**
Hitoshi Kawamata*, Shuji Tsuchida, Takahiro Wakui, Hironobu Masuyama, Kazuhiro Asano, Yutaka Imai, Japan
- P—2913 **A RARE CASE OF ASYMPTOMATIC GIANT SIALOLITH INSIDE THE WHARTON'S DUCT OF THE RIGHT SUBMANDIBULAR GLAND**
George Craioveanu*, Mircea Gheorghita, Adrian Fronie, Romania
- P—2914 **DUCTAL CARCINOMA OF SALIVARY GLANDS: PRESENTATION OF TWO CASES**
Irene Vila Masana*, Santiago Ochandiano Caicoya, Carlos Navarro Cuéllar, Julio Acero Sanz, Belen Leno Dasi, Alena Kulyapina, Manuel Tousidonis Rial, Carlos Navarro Vila, Spain
- P—2915 **INTRAORAL ADENOID CYSTIC CARCINOMA: DOES PRESENCE OF PERINEURAL INVASION CORRELATE WITH PRIMARY TUMOUR SIZE, LOCAL EXTENSION, SURGICAL MARGINS, DISTANT METASTASES AND OUTCOME?**
Ivica Lukšić*, Petar Suton, Croatia
- P—2916 **SYNCHRONOUS MALIGNANCY OF A PAROTID SWELLING**
Aisha Variava*, Tun Wildan, Phillip Ameerally, United Kingdom
- P—2917 **BASAL CELL ADENOMA OF THE PAROTID GLAND - A CASE REPORT**
Inês Correia-Sá, Tiago Neto*, José Amarante, Álvaro Silva, Apolino Martins, Marisa Marques, Portugal
- P—2918 **CERVICAL TUMOR MARSUPIALIZATION OF INTRAPAROTID SEBACEOUS CYST**
Sofía Hernández Montero*, Francisco Hernández Altemir, Susana Hernández Montero, Elena Hernández Montero, Spain
- P—2919 **EPITHELIAL MYOEPIHELIAL CARCINOMA OF THE SUBMANDIBULAR SALIVARY GLAND. A CASE REPORT**
Alejandrina Millón*, Eulalia Fernández, Alejandro Encinas, Blanca Núñez, Oscar De la Sen, Aranzazu Gonzalez, Alberto Berguer, Spain
- P—2920 **MINOR SALIVARY GLAND TUMORS IN PALATE. REVIEW OF 30 CASES**
Daniel García Molina*, Jose Luis del Castillo Pardo de Vera, Maria José Nieto Fernández Pacheco, Pedro Manuel Losa Muñoz, Estefanía Alonso Rodríguez, Miguel Burguenio García, Spain
- P—2921 **A RARE CASE OF A PATIENT WITH POLYMORPHOUS LOW-GRADE ADENOCARCINOMA IN A MAJOR SALIVARY GLAND**
Stanislav Andrejko*, Marian Benicky, Slovakia
- P—2922 **UNCOMMON OR UNDER-RECOGNISED? A CASE OF KUTTNER'S TUMOUR**
Ana Benić*, Niko Krakar, Milorad Galic, Vladimir Bernic, Irena Novosec, Stela Bulimbasic, Croatia
- P—2923 **HYBRID TUMOR OF THE SUBLINGUAL GLAND: CASE REPORT AND REVIEW OF THE LITERATURE**
Wolfgang Eichhorn*, Clarissa Precht, Ralf Smeets, Manfred Wehrmann, Jürgen Zeuch, Marc Eichhorn, Jürgen Hoffmann, Max Heiland, Germany
- P—2924 **PLEOMORPHIC ADENOMA IN THE MOUTH AND FACE. CASE REPORT**
Juraj Zajko*, Slovakia
- P—2925 **EXPERIENCE WITH SIALOENDOSCOPIC APPROACH IN SIALOLITHIASIS TREATMENT**
Kaspars Stammers*, Andrejs Skagers, Latvia
- P—2926 **REPEATED LIVER METASTASECTOMIES AFTER RESECTION AND RECONSTRUCTION FOR CURRENT ADENOID CYSTIC CARCINOMA OF THE PAROTID**
Priya Lankathilake*, Robert Hutchins, Leo Cheng, Iain Hutchison, United Kingdom
- P—2927 **PLEOMORPHIC ADENOMA IN ORAL CAVITY AND FACE. CASE REPORT.**
Juraj Zajko*, Miloš Jurik, Michal Beňo, Slovakia
- P—2928 **MUCOCELE IN THE BUCCAL VESTIBULE**
Sung-Hyung Han*, Sung-No Jung, Won-Il Sohn, Ho Kwon, Korea, Republic of
- 30. SKIN TUMOURS OF THE HEAD AND NECK**
- P—3001 **IS THERE A ROLE FOR ULTRASOUND SCANNING OF THE NECK IN THE PRE-OPERATIVE STAGING OF CUTANEOUS SQUAMOUS CELL CARCINOMA OF THE HEAD AND NECK?**
James Ban*, Mariam Tariq, Divya Ramkumar, John Wells, Shakir Mustafa, United Kingdom
- P—3002 **A REVIEW OF ADEQUACY OF RESECTION MARGINS, METHOD OF RECONSTRUCTION AND POST-OPERATIVE COMPLICATIONS OF CUTANEOUS SQUAMOUS CELL CARCINOMA OF HEAD AND NECK**
Mariam Tariq*, Divya Ramkumar, James Ban, Shakir Mustafa, United Kingdom
- P—3003 **SURGICAL RECONSTRUCTIONS FOR ADVANCED HEAD AND NECK SKIN TUMOUR EXCISIONS**
Zivorad Nikolic*, Jelena Jeremic, Serbia
- P—3004 **SKIN CANCER PATIENT SATISFACTION AUDIT IN THE ORAL AND MAXILLOFACIAL DEPARTMENT AT PRINCE CHARLES HOSPITAL AND THE ROYAL GLAMORGAN HOSPITAL, MERTHYR TYDFIL, WALES, UK**
Divya Priya Ramkumar*, James Ban, Mariam Tariq, Richard Evans, Shakir Mustafa, United Kingdom
- P—3005 **THE IDEAL RHOMBOID FLAP: A RELIABLE METHOD FOR THE (INEXPERIENCED) SURGEON**
Katherine McDermott, Robert Banks*, Michael Nugent, Matthew Kennedy, United Kingdom

- P—3006 **A 2 YEAR PROSPECTIVE AUDIT OF BASAL CELL AND SQUAMOUS CARCINOMA EXCISION**
Mark Turner*, Valmiki Sharma, United Kingdom
- P—3007 **CAN WE DIAGNOSE SKIN CANCERS EARLIER? AN UPDATE BASED ON A SYSTEMATIC REVIEW OF THE LITERATURE**
Navin Vig*, Leo Cheng, Mohammed Shorafa, United Kingdom
- P—3008 **ANGIOSARCOMA OF THE CHEEK: A CASE OF SURGICAL EXCISION**
Alena Kulyapina*, José Ignacio Salmerón Escobar, Alejandro Thomas Santamaría, Carlos Navarro Cuéllar, Cristina Maza Muela, Carlos Navarro Vila, Spain
- P—3009 **PATIENT REPORTED OUTCOMES FOLLOWING SKIN CANCER SURGERY TO THE HEAD AND NECK**
Christopher Fowell*, Grigore Mihalache, United Kingdom
- P—3010 **SOCIAL DEPRIVATION AND RURAL / URBAN VARIATIONS IN NON-MELANOMA SKIN CANCER INCIDENCE IN OUR REGION**
Christopher Fowell*, Emma Sandbach, United Kingdom
- P—3011 **SURGERY OF MELANOMA IN SPECIFIC ANATOMIC REGIONS**
Ljubomir Panajotović*, Marko Panajotović, Rade Panajotović, Serbia
- P—3012 **GIANT HEAD AND FACE TUMOURS - SERBIAN SPECIALITY?**
Ljubomir Panajotović*, Rade Panajotović, Marko Panajotović, Serbia
- P—3013 **HATS, WIGS AND TURBAN TUMOURS**
Syedda Abbas, Sheire Glick, Peter McDermott*, United Kingdom
- P—3014 **MALIGNANT MELANOMA FOLLOWING RADIOTHERAPY FOR PAROTID TUMOUR**
Tun Wildan*, Arti Chauhan, Phillip Ameerally, United Kingdom
- P—3015 **LEFT RETROAURICULAR POLIMETASTATIC MELANOMA THERAPEUTICALLY "CHRONIFIED"**
Francisco Hernández Altemir*, Sofía Hernández Montero, Susana Hernández Montero, Elena Hernández Montero, Blanca Homet Moreno, Jose Antonio López Martín, Spain
- P—3016 **TRIGEMINAL TROPHIC SYNDROME - AN UNSUSPECTING DIAGNOSIS FOR THE UNWARY**
Philippa Young, Tun Wildan*, Pick Woo, Phillip Ameerally, United Kingdom
- P—3017 **OSTEOMA CUTIS WITH CALCIFICATION OF THE BILATERALLY CHEEKS**
Kazunari Karakida*, Haruo Sakamoto, Mitsunobu Otsuru, Japan
- 31. SKULL BASE SURGERY**
- P—3101 **SUBFRONTAL APPROACH FOR ESTHESIONEUROBLASTOMA TREATMENT: CASE REPORT**
Mogedas Vegara*, Gutiérrez Santamaría, Malet Hernández, Bescós Atín, Spain
- 32. SURGERY FOR FACIAL PARALYSIS**
- P—3201 **SURAL NERVE GRAFT AND TEMPOROPARIETAL FASCIAL FLAP IN THE MANAGEMENT OF ADENOID CYSTIC CARCINOMA IN THE PAROTID GLAND**
Raquel Villar*, Benito Ramos, Juan Jose Haro, Manuel Acosta, Antonio Gómez, Spain
- 33. SURGERY OF THE NASAL CAVITY AND PARANASAL SINUSES**
- P—3301 **A MODIFIED CALDWELL-LUC TECHNIQUE FOR TREATMENT OF AN OROANTRAL FISTULA. HISTOLOGICAL EVALUATION OF THE NEW FORMED BONE.**
Paulo Coelho*, André Chen, João Caramês, Portugal
- P—3302 **OUR OWN METHOD OF THE SELF-INDUCED ORO-NASAL FISTULA. A RARE OCCURRENCE.**
Bogna Zielinska-Kazmierska*, Adam Szyszczkowski, Joanna Grodecka, Poland
- 34. SURGERY OF THE ORAL CAVITY**
- P—3401 **EFFECTIVENESS OF POSTOPERATIVE USE OF AMOXICILLIN IN THIRD MOLARS SURGERY**
Alberto Garcia Perla Garcia*, Daniel Torres Lagares, Rodolfo Belmonte Caro, Fernando Iglesias Martin, Elena Aced, Pedro Infante Cossio, Jose Luis Gutierrez Perez, Spain
- P—3402 **DIFFERENTIAL THERAPY OF PRIMARY FAILURE OF ERUPTION**
Susanne Jung*, Wermker Kai, Thomas Stamm, Tobias Annussek, Johannes Kleinheinz, Germany
- P—3403 **RESULTS AFTER INTENTIONAL AUTO-ALLOPLASTIC REPLANTATION OF INJURED PERMANENT TEETH**
Martha Johanna Radke*, Sameh Attia, Andreas May, Hans-Peter Howaldt, Heidrun Schaaf, Germany
- P—3404 **CRYOSURGERY AS A METHOD IN MAXILLOFACIAL AND ORAL SURGERY**
Zygmunt Stopa*, Hubert Wanyura, Przemyslaw Skubich, Poland
- P—3405 **PROPOSED TREATMENT REGIMEN OF INFLAMMATORY-HYPERPLASTIC GINGIVAL TUMORS, WITH PARTICULAR FOCUS ON CAUSAL TREATMENT**
Anna Bednarczyk*, Marian Inglot, Małgorzata Zaleska, Daniel Uryga, Poland
- P—3406 **STANDARDISATION OF CONSENT FOR THIRD MOLAR SURGERY**
Louise Ormondroyd, Robert Banks*, United Kingdom
- P—3407 **THE MEDICO-LEGAL VIEW OF THE LEVEL OF INFORMATION REQUIRED WHEN TAKING CONSENT FOR THE SURGICAL REMOVAL OF THIRD MOLARS.**
Danielle Britten, Andy Burns, Robert Banks*, Matthew Kennedy, Micheal Nugent, Louise Ormondroyd, United Kingdom
- P—3408 **COMBINED ORTHODONTIC-SURGICAL REMOVAL OF AN IMPACTED WISDOM TOOTH FROM THE CANAL OF THE LOWER ALVEOLAR NERVE**
Zoltán Nyárády*, Zoltán Altay, Lajos Olsasz, Katalin Nagy, Hungary
- P—3409 **REGENERATION PROCESS OF PERIODONTIUM AFTER THE APECTOMIO**
Janka Jencova*, Adriana Petrasova, Andrej Jenc, Jr., Jan Danko, Slovakia
- P—3410 **MEASUREMENTS OF BONE DENSITY AFTER APICOTOMY AND IMPLANTATION OF BIO-OSS**
Ali Gashi*, Ramazan Isufi, Ferijall Perjuci, Resmije Ademi, Jehona Ahmedi, Zana Agani, Albania
- P—3411 **NITRIC OXIDE LEVELS IN INFLAMMATION AFFECTING DENTAL FOLLICLES OF THE IMPACTED THIRD MOLARS**
Fatma Senses-Kuskaya, Umut Tekin, Ucler Kisa, Nurkan Aksoy, Fethi Atil*, Turkey
- P—3412 **ANTIBIOTIC PROPHYLAXIS IN INTRAORAL BONE GRAFT PROCEDURES**
Daniel Uryga*, Małgorzata Zaleska, Agnieszka Zapala-Pospiech, Marian Inglot, Anna Bednarczyk, Poland
- P—3413 **BUCCAL FLEXIBLE FILMS AS THE ORAL LESION DRESSINGS**
Jan Stembirek*, Zdenek Danek, Jan Gadziok, Hana Landová, David Vetchý, Czech Republic
- P—3414 **THE COMPARATION OF EFFICIENCY OF LOCAL ANAESTHETIC LIDOCAINE 2% VS ARTICAIN 4% DURING SURGICAL EXTRACTION OF WISDOM TEETH BY DEFINING THE SERUM CORTISOL LEVEL**
Zana Agani*, Osman Sejfija, Alberto Benedeti, Ferial Perjuci, Resmije Ademi, Vjosa Hamiti Krasniqi, Ali Gashi, Jehona Ahmedi, Mergime Loxha, Albania
- P—3415 **CONSENTING FOR THIRD MOLAR REMOVAL – HOW ARE WE DOING? A PROSPECTIVE AUDIT WITHIN A TEACHING HOSPITAL**
Ffion Dewi*, Bethan Henderson, Cellan Thomas, Andrew Cronin, United Kingdom
- P—3416 **A PROSPECTIVE, RANDOMIZED, SINGLE-BLIND COMPARISON OF ROPIVACAINE 1% AND LIDOCAINE + ADRENALINE 1% (1:100,000) FOR THIRD MOLAR SURGERY**
Morgan Lahon*, Herman Junior Vercruyse, Isabelle Loeb, Belgium
- P—3417 **MORPHOLOGICAL CHANGES OF THE INFERIOR ALVEOLAR NERVE IN TOXIC INJURY IN LATE TERMS OF EXAMINATION**
Mikhail Nedzvedz*, Irina Pohodenko-Chudakova, Krystina Vilkitskaya, Belarus
- P—3418 **PROPHYLAXIS OF INFLAMMATORY COMPLICATIONS IN SURGICAL STOMATOLOGY**
Irina Pohodenko-Chudakova*, Anton Ignatovitch, Belarus
- P—3419 **INVESTIGATION OF POSSIBLE COMMON COMPLICATIONS AFTER THE NEXT INJECTION OF 2% LODOCAINE IN EXPERIMENT**
Irina Pohodenko-Chudakova*, Ekaterina Maksimovitch, Belarus
- P—3420 **APPLICATION OF ERBIUM LASER AFTER TOOTH EXTRACTION IN PATIENTS WITH HEMOSTATIC DISORDERS**
Svetlana Tarasenko*, Elena Makarova, Elena Morozova, Liubov Mazur, Katarina Mazur, Russian Federation
- P—3421 **EFFICACY OF THE HARMONIC SYNERGY™ SCALPEL INTO THE SURGICAL REMOVAL OF INFLAMMATORY FIBROUS HYPERPLASIA: PRELIMINARY RESULTS**
Geresa O.M. Cardoso*, Vivian N.R. El Achkar, Lúcio Murilo-Santos, Walter Niccoli-Filho, Brazil
- 35. SURGICAL HEAD AND NECK ONCOLOGY**
- P—3501 **ODONTOGENIC BENIGN TUMORS VERSUS ODONTOGENIC CARCINOMAS: A DIAGNOSTIC CHALLENGE FOR PATHOLOGISTS. REPORT OF 2 CLINICAL CASES WITH ADAPTATIVE SURGICAL BEHAVIOUR**
Cyrille A Voisin*, Ferdinand Nderagakura, Cecilia Neiva, Ghassan Bitar, Regine Glineur, Sylvie Testelin, Bernard Devauchelle, Belgium
- P—3502 **SQUAMOUS ODONTOGENIC TUMOR AND SQUAMOUS CELL CARCINOMA IN A 15 YEARS OLD BOY: A CASE REPORT**
Cyrille A Voisin*, Antoine Digonnet, Dragos Ifrim, Marino Vilbi, Myriam R Emmelink, Nicolas De Saint Aubain, Regine Glineur, Testelin Sylvie, Bernard Devauchelle, Guy Andry, Belgium
- P—3503 **SQUAMOUS CELL CARCINOMA ARISING FROM AN EPIDERMAL INCLUSION CYST - A RARE ENTITY**
Latoni Gilbert*, Syedda Abbas, Janavikulam Thiruchelvam, Penny Thomson, Michael Munro, United Kingdom
- P—3504 **THE WORLD'S YOUNGEST FANCONI ANAEMIA CHILD WITH A TONGUE SQUAMOUS CELL CARCINOMA: A CASE REPORT AND REVIEW OF LITERATURE**
Moorthy Halsnad, Daanesh Zakai*, Timothy Martin, Satyesh Parmar, Hiroshi Nishikawa, Andrew Monaghan, Sarah McCaig, United Kingdom

- P—3505 **MELANOMA OF THE MAXILLARY SINUS. REPORT OF A CASE**
Raul Duarte, Francisco Lação, Maria João Monteiro, Ivan Beleca*, Portugal
- P—3506 **CORRELATION BETWEEN RECURRENCE AND DISTRIBUTION OF MALIGNANT CELLS IN THE TUMOR TISSUE**
Dino Dizdarević*, Faris Fočo, Tarik Mašić, Bojan Obradović, Bosnia and Herzegovina
- P—3507 **NECK ABSCESS AS THE INITIAL PRESENTATION OF PRIMARY TONSILLAR CANCER**
Gyongyi Molnar*, Robert Paczona, Laszlo Seres, Zoltan Rasko, Renata Varga, Jozsef Pif-fko, Hungary
- P—3508 **FEASIBILITY STUDY ON INTRAOPERATIVE INSTANTANEOUS SECTION OF MANDIBULAR MALIGNANCIES BY MEANS OF FLAT PANEL VOLUME CT**
Heidrun SchAAF*, Takwa Wahab, Sameh Attia, Philipp Streckbein, Jan-Falco Wilbrand, Hans-Peter Howaldt, Germany
- P—3509 **THIS INTERMITTENT BUCCAL SWELLING COULD B SOMETHING SINISTER... PRIMARY DIFFUSE LARGE B-CELL LYMPHOMA OF THE MAXILLA – AN UNUSUAL PRESENTATION**
Latoní Gilbert*, Syedda Abbas, Michael Gaukroger, United Kingdom
- P—3510 **ACCURACY OF IMAGING IN PREDICTING BONY INVASION FROM ORAL CARCINOMAS -THE BLACK COUNTRY EXPERIENCE**
Moorthy Halsnad, Vyomesh Bhatt*, Nick Pigadas, Nick Grew, United Kingdom
- P—3511 **EXPRESSION STATUS AND REGULATORY MECHANISM OF THE TUMOR SUPPRESSOR GENE FHL1 IN HUMAN ORAL CANCER**
Kazuyuki Koike*, Katsuhiko Uzawa, Hirofumi Koike, Atsushi Kasamatsu, Katsunori Ogawa, Masashi Shiiba, Hideki Tanzawa, Japan
- P—3512 **A HIGHLY AGGRESSIVE, UNUSUAL PAEDIATRIC SARCOMA CASE REPORT AND A REVIEW OF THE LITERATURE**
Navin Vig, Meera Thavarajah*, Reena Amin, M Amin, United Kingdom
- P—3513 **ORAL CROHNS DISEASE MASQUERADING AS MALIGNANCY**
Elizabeth Gruber*, Grigore Mihalache, Brian Castling, Sunil Bhatia, United Kingdom
- P—3514 **ANGIOMATOID FIBROUS HISTIOCYTOMA OF THE MANDIBLE - CASE REPORT**
Clément Ernoult*, Brice Chatelain, Christophe Meyer, France
- P—3515 **THE FREQUENCY OF NECK METASTASIS IN PT1 TONGUE SQUAMOUS CELL CARCINOMA IN OXFORD JOHN RADCLIFFE HOSPITAL**
M Abu-Serriah*, K Ahluwalia, F Smith, K Shah, S Bond, United Kingdom
- P—3516 **METASTATIC CYSTIC TONSILLAR SQUAMOUS CELL CARCINOMA PRESENTED AS A BRANCHIAL CYST – A DIAGNOSTIC CHALLENGE**
Leo Cheng*, Mani Sanghera, Sue Rowe, Steve Burke, Polly Richards, Curtis Offiah, Kim Piper, Maria Calamini, Amen Sibtain, United Kingdom
- P—3517 **METASTATIC PAPILLARY CARCINOMA OF THE THYROID AND ECTOPIC THYROID CANCER**
Leo Cheng*, Mahvesh Javaid, Enamul Ali, John Anderson, Francesco Medici, Michelle Emery, Sue Rowe, Steve Burke, United Kingdom
- P—3518 **MALIGNANT RHABDROID TUMOUR OF THE STOMACH WITH METASTASES TO THE JAWS: AN UNUSUAL CLINICAL PRESENTATION AND A DIAGNOSTIC CHALLENGE**
M Abu-Serriah*, B Gerber, A Szuts, K Fasanmade, United Kingdom
- P—3519 **OBJECTIVE EVALUATION OF PATIENT SATISFACTION AFTER THYROID SURGERY**
Leo Cheng*, Aimee Rowe, Siddharth Gowrishankar, Omar Raafat, Enamul Ali, John Anderson, Francesco Medici, Michelle Emery, Sue Rowe, Steve Burke, United Kingdom
- P—3520 **BILATERAL CHYLOTHORAX: A RARE COMPLICATION FOLLOWING RADICAL NECK DISSECTION.**
Robert Isaac, Aya M Abbas*, Madhav Kittur, Keith Silvester, United Kingdom
- P—3521 **THYROID CANCER: DEMOGRAPHICS, SURGICAL MORBIDITY AND DEVELOPMENT OF MINIMALLY INVASIVE TECHNIQUES**
Roshan Sothinathan*, Michael Warner, Leo Cheng, John Anderson, Francesco Medici, Michelle Emery, Susan Rowe, Steve Burke, United Kingdom
- P—3522 **MANDIBULAR METASTASIS OF HEPATOCELLULAR CARCINOMA SIMULATING A BENIGN LESION**
Alfonso Daura Saez*, Maria Antonia Contreras Morillo, Patricia Del Rocio Ruiz Dieguez, Lucas Bermudo Añino, Antonio Valienten Álvarez, Spain
- P—3523 **HISTOPATHOLOGICAL RESPONSE OF CONCURRENT PREOPERATIVE CHEMORADIOTHERAPY WITH DOCETAXEL AND CISPLATIN FOR ORAL SQUAMOUS CELL CARCINOMA**
Yoichi Ohno*, Kazuyo KURIBAYASHI, Yuichi Ashikaga, Mitsunobu Ono, Yasunori Totsuka, Kanchu Tei, Japan
- P—3524 **UNEXPECTED CONTRALATERAL CERVICAL RECURRENCE IN SMALL TONGUE EPIDERMOID CARCINOMA.**
Josue Hernandez*, Tania Rodriguez, Joaquim Megias, Luis Manuel Junquera, Juan Carlos De Vicente, Spain
- P—3525 **CLINICOPATHOLOGICAL STUDY OF AMELOBLASTIC CARCINOMA**
Takayuki Aoki*, Yoshihide Ota, Kazunari Karakida, Hiroshi Yamazaki, Mitsunobu Otsuru, Miho Takahashi, Muneo Miyasaka, Sachi Suzuki, Japan
- P—3526 **THE SIGNIFICANCE OF MYOFIBROBLASTIC PROLIFERATION IN THE EXTRACELLULAR MATRIX OF ORAL CAVITY CARCINOMA ON INCIDENCE OF REGIONAL METASTASES**
Ivica Lukšić*, Miso Virag, Spomenka Manojlović, Croatia
- P—3527 **MANDIBULAR SARCOMAS: SURGICAL EXPERIENCE OVER THE PAST 10 YEARS**
Javier Gutiérrez*, Coro Bescós, Jorge Pamiás, Alfonso Mopedas, Sergio Bordonaba, Jorge Masía, Spain
- P—3528 **ALVEOLAR RHABDOMYOSARCOMA OF THE UPPER LIP IN A CHILD. DIAGNOSTIC APPROACH AND THERAPEUTIC MANAGEMENT.**
Bouzaiene Montacer*, Touil Hajer, Belghith Ahmed, Tunisia
- P—3529 **LIGASURE FOR NECK DISSECTION. HOW WE DO IT**
Guillermo Gómez Oliveira*, Adriana Serrano Álvarez-Buylla, Fátima Martínez Pérez, Modesto Álvarez Flores, Ignacio Arribas García, Carlos Martínez GImeno, Spain
- P—3530 **ROLE OF INTRAOPERATIVE MARKING AND DIVISION OF CERVICAL LYMPH NODE LEVELS DURING NECK DISSECTION**
Paula Barba-Recreo*, Jose Luis Cebrían, Javier González, Natalia Gisbert, Rocio Sanchez, Miguel Burguño, Spain
- P—3531 **AGE PATTERNS OVER TEN YEARS OF MAJOR HEAD AND NECK FREE FLAP RECONSTRUCTION IN A DISTRICT GENERAL HOSPITAL FROM THE UK.**
Laith Hussein Al-Qamachi*, Aidan Norman, Graham James, Neal Barnard, United Kingdom
- P—3532 **CASE REPORT OF ORAL CARCINOMA IN A PATIENT PRESENTING MAXILLARY OSTEONECROSIS RELATED TO BISPHOSPHONATES.**
Aldo Suárez*, Carmen Baquero, Miguel Floria, Jose Barea, Ernesto Bizcarrondo, Jose Delhom, Spain
- P—3533 **DECISION ANALYSIS AND TREATMENT THRESHOLD IN MANAGEMENT OF TONGUE CANCER WITH NO NECK STATUS**
Mitsunobuo Otsuru*, Yoshi Hideota, Takayuki Aoki, Hiroshi Yamazaki, Miho Takasahi, Kazunari Karakida, Japan
- P—3534 **T1/T2 SCC TONGUE AND THE NO NECK - TO DISSECT OR NOT TO DISSECT?**
Nabeela Ahmed*, Edward Hsu, Mr Jamie Coombes, Nick Hyde
- P—3535 **TWELVE-YEARS SURVIVAL OF A PATIENT WITH THE SECONDARY ADVANCED CARCINOMA OF THE ORBIT**
Stanislav Andrejko*, Pavol Dubinsky, Slovakia
- P—3536 **SENTINEL LYMPH NODE BIOPSY USING A NEW INDOCYANINE GREEN FLUORESCENCE IMAGING SYSTEM WITH A COLOUR COUPLE DEVICE CAMERA FOR ORAL CANCER**
Toshinori Iwai*, Jiro Maegawa, Hideyuki Nakashima, Senri Oguri, Mitomu Kioi, Makoto Hirota, Kenji Mitsudo, Iwai Tohnaí, Japan
- P—3537 **BEWARE OF WHAT YOU ARE SUCTIONING! AN UNUSUAL PRESENTATION OF NASOPHARYNGEAL CARCINOMA**
Catherine Lau*, Sarah Kaddour, Peter Hardee, United Kingdom
- P—3538 **ADVANCED SURGICAL APPROACH IN THE TREATMENT OF LARGE PARAPHARYNGEAL SPACE TUMORS.**
Ella Aslanova*, Alaxey Drobyshyev, Ali Mudunov, Russian Federation
- P—3539 **PREDICTIVE FACTORS FOR DYSPHAGIA AND PERCUTANEOUS ENDOSCOPIC GASTROTOMY (PEG) IN HEAD AND NECK CANCER**
Kai Wermker*, Martin Klein, Ulrich Joos, Johannes Kleinheinz, Susanne Jung, Germany
- P—3540 **SENTINEL NODE BIOPSY OF CLINICALLY NEGATIVE NECK IN PATIENT WITH LOWER LIP CARCINOMA T1,T2,N0 IN KOSOVA**
Mergime Prekazi-Loxha*, Idriz Gerqari, Osman Sejfiq, Sami Salihu, Fellanza Gjinolli, Nijazi Heta, Arsim Kelmendi, Zana Agani, Vjosa Hamiti, Albania
- P—3541 **MALIGNANT CAROTID BODY PARAGANGLIOMA – A RARE NECK LUMP**
Newsheen Khan, Craig Miller*, Syedda Abbass, Sharoukh Navaee, Hamish Hamilton, Janivikulum Thiruchelvam, United Kingdom
- P—3542 **SURGICAL TREATMENT OF SQUAMOUS – CELL CARCINOMA OF THE TONGUE WITH HARMONIC SYNERGY® SCALPEL: A CASE REPORT**
Vivian N.R. El Achkar*, Gerusa O. Moura-Cardoso, Lúcio Murilo-Santos, Walter Niccolifilho, Brazil
- P—3543 **PROGRESS IN SURGICAL TREATMENT AND RECONSTRUCTION OF MAXILLO-ETHMOIDAL NEOPLASM DURING YEARS 1997–2010**
Marek Pietras*, Stanisław Starościan, Janusz Jaworowski, Romuald Krajewski, Maciej Rysz, Poland

- P—3544 **A RETROSPECTIVE AUDIT ON RESTORATIVE OUTCOMES OF PATIENTS DIAGNOSED WITH HEAD AND NECK CANCER**
Craig Miller*, Nishma Patel, Sharoukh Navaee, Wayne Halfpenny, Ulpee Darber, Janavikulum Thiruchelvam, United Kingdom
- P—3545 **LUG SCREW FIXATION FOR STRAIGHT MIDLINE MANDIBULAR SWING OSTEOATOMY: OUR EXPERIENCE**
Vedran Uglešić, Igor Blivajs*, Lana Đonlagić, Marijan Dobranić, Jasmina Nikić, Igor Čvriljević, Croatia
- P—3546 **OCCURRENCE OF DISTANT MEASTASES AFTER THE TREATMENT OF ORAL AND OROPHARYNGEAL CANCER**
Dinko Leović*, Vedran Zubčić, Kristijan Dinjar, Croatia
- 36. TEMPOROMANDIBULAR JOINT PATHOLOGY AND SURGERY**
- P—3601 **THE USE OF A TMJ ASSESSMENT PROFORMA**
Nabeela Ahmed, Eleonora Gkegiolou*, N.Shaun Matthews, United Kingdom
- P—3602 **THE TMJ MDT CLINIC – THE KING’S EXPERIENCE**
Nabeela Ahmed*, N.Shaun Matthews, Tim Poate, Cristina Nacher, United Kingdom
- P—3603 **HIGH-ENERGY LASER STIMULATION IN PATIENTS WITH TEMPOROMANDIBULAR DISORDERS (TMD)**
Hubert Wanyura*, Artur Kamiński, Magdalena Czajkowska, Zygmunt Stopa, Poland
- P—3604 **SYNOVIAL CHONDROMATOSIS OF THE TEMPOROMANDIBULAR JOINT – CASE REPORT**
Hubert Wanyura, Zygmunt Stopa*, Poland
- P—3605 **TEMPOROMANDIBULAR JOINT SYNOVIAL CHONDROMATOSIS WITH A CLEAR TRAUMATIC ETIOLOGY**
Luis Miguel Gonzalez-Perez*, Santos Crespo-Iorres, Nabil Fakh, Spain
- P—3606 **THE KNOWLEDGE OF TURKISH DENTISTS ABOUT THE SPLINT THERAPY FOR MYOFACIAL PAIN AND TEMPOROMANDIBULAR DISORDERS**
Yavuz Tolga Korkmaz*, Celal Candirli, Fatih Mehmet Korkmaz, Turgay Peyami Hocaoglu, Turkey
- P—3607 **TUBERCULOSIS OF TEMPOROMANDIBULAR JOINT: A CASE REPORT AND LITERATURE REVIEW**
Hye Jeong Park*, Bong Chul Kim, So Mi Kim, Hyung Jun Kim, Korea, Republic of
- P—3608 **BENIGN TUMOR OF THE TMJ. CASE PRESENTATION**
Julian Ruiz Jimenez, Dolores Martinez-Perez*, Lourdes Maniegas Lozano, Juan Rey Biel, Silvia Rosón Gómez, Spain
- P—3609 **MODIFIED TEMPORAL EMINOPLASTY WITH TIBIAL BONE GRAFT. OUR EXPERIENCE**
Guillermo Gómez Oliveira*, Adriana Serrano Álvarez-Buylla, Fátima Martínez Pérez, Modesto Álvarez Florez, Ignacio Arribas García, Spain
- P—3610 **BENIGN TUMORAL GROWTHS OF THE MANDIBULAR CONDYLE**
Aysegül M. Tuzuner Oncul*, Sibel Turali, Merve Nur Kadioglu, Kutay Can Ergul, Hande Arpacı, Hakan Alpay Karasu, Turkey
- P—3611 **TEMPOROMANDIBULAR JOINT ANKYLOSIS AFTER NEONATAL SEPTICEMIA: A CASE REPORT.**
Isabel Pinto*, Tiago Neto, Teresa Burnay, Lígia Coelho, Rui Balhau, Álvaro Silva, Portugal
- P—3612 **THE ANKYLOSIS OF TMJ AND THEIR POSSIBILITY OF TREATMENT BY OPTIMAL TOTAL PRESTHESIS**
Andrej Jenca*, Jozef Zivcak, Yurij Peresta, Viera Jencova, Andrej Jenca jr., Slovakia
- P—3613 **SYNOVIAL CHONDROMATOSIS OF THE TEMPOROMANDIBULAR JOINT – REPORT OF TWO CASES**
Tiago Neto*, Rui Balhau, Lígia Coelho, Isabel Pinto, Inês Correia-Sá, Álvaro Silva, Portugal
- P—3614 **FUNCTIONAL OUTCOME OF TOTAL ALLOPLASTIC TMJ REPLACEMENT IN THE MANAGEMENT OF TEMPOROMANDIBULAR DISORDERS**
Juan Fernandez*, Francisco Rodríguez, Mario Muñoz, Luis Naval, Tamara García, Spain
- P—3615 **MANAGEMENT OF MYOFASCIAL PAIN USING BOTULINUM TOXIN (BOTOX) INJECTION IN THE MAJOR MASTICATORY MUSCLES**
Mohammed Elsholkamy*, Egypt
- P—3616 **APPLICATION OF RADIOFREQUENCY (RF) IN ARTHROSCOPIC SURGERY OF THE TEMPOROMANDIBULAR JOINT (TMJ)**
Alejandro Encinas*, Rafael Martín-Granizo, Blanca Núñez, Alejandrina Millón, Eulalia Fernández, Oscar De la Sen, Jesús Sánchez, Alberto Berquer, Spain
- P—3617 **UNILATERAL ANKYLOSIS OF THE JAW TREATED WITH TOTAL ALLOPLASTIC REPLACEMENT SYSTEM.**
Lampros Skamagkoulis*, Aleš Vesnaver, Andrej Kansky, Slovenia
- P—3618 **CEPHALOMETRIC AND CLINICAL CHARACTERISTICS OF PATIENTS WITH MASTICATORY MUSCLE TENDON-APONEUROSIS HYPERPLASIA ACCOMPANIED BY LIMITED MOUTH OPENING**
Kenji Kakudo*, Hirohito Kubo, Tomoko Hujii, Japan
- P—3619 **A CASE OF SYNOVIAL CHONDROMATOSIS OF THE TEMPOROMANDIBULAR JOINT FOLLOWED FOR 20 YEARS**
Yui Mori*, Kenji Kakudo, Japan
- P—3620 **TOTAL TMJ REPLACEMENT FOR OBSTRUCTIVE SLEEP APNEA SYNDROME ASSOCIATED WITH TMJ DESTRUCTION DUE TO RHEUMATOID ARTHRITIS**
Toshio Sugahara*, Katsuhiko Minami, Katsuki Mishima, Yoshihide Mori, Tomohiro Yamada, Hideto Imura, Azumi Hirata, Nagato Natsumo, Japan
- P—3621 **“ACHILLES HEEL OF THE MANDIBLE” – A VERY RARE TMJ-RELATED ENTHESOPATHY**
Alex Kotak*, Heena Makar, Syedda Abbas, Peter McDermott, United Kingdom
- 37. TISSUE ENGINEERING AND CELL THERAPY**
- P—3701 **TNF-ALPHA INHIBITING DRUGS ON ENDOTHELIAL CELLS IN VITRO**
Tobias Annussek*, Johannes Kleinheinz, Susanne Jung, Ulrich Joos, Kai Wermker, Germany
- P—3702 **BIOPSIES FOR COLLECTING ORAL MUCOSAL TISSUE FOR TISSUE-ENGINEERED CELL SHEETS**
Ryo Sasaki*, Masayuki Yamato, Ryo Takagi, Takashi Ohki, Hajime Matsumine, Teruo Okano, Tomohiro Ando, Japan
- P—3703 **ANGIOGENESIS AND DMARDS – BEHAVIOUR OF HUMAN UMBILICAL ENDOTHELIAL VEIN CELLS**
Tobias Annussek*, Johannes Kleinheinz, Ulrich Joos, Kai Wermker, Germany
- P—3704 **INFLUENCE OF TUMOR NECROSIS FACTOR INHIBITION ON OSTEOGENESIS**
Tobias Annussek*, Kai Wermker, Susanne Jung, Ulrich Joos, Johannes Kleinheinz, Germany
- P—3705 **ENDOTHELIAL CELL PROLIFERATION AND VIABILITY WHILE BISPHOSPHONATE THERAPY**
Tobias Annussek*, Johannes Kleinheinz, Ulrich Joos, Kai Wermker, Germany
- P—3706 **COMBINATION OF DERMAL SUBSTITUTES AND CULTURED EPITHELIAL AUTOGRAFT IN SCALP DEFECTS**
Tania Santamarta*, Joaquim Megias, Lucas Villalain, Ignacio Peña, Juan Carlos de Vicente, Spain
- P—3707 **BIOLOGICAL CHARACTERIZATION OF NEW EXTRACELLULAR MATRIX SUBSTITUTE BASED ON COLLAGEN, HYALURONIC ACID AND BETA-GLUCAN**
Zuzana Varchulova Novakova, Dusan Bakos, Jana Dragunova, Ivan Varga, Jan Vojtassak, Lubos Danisovic*, Slovakia
- P—3708 **DENTAL PULP-DERIVED STEM CELLS DISPLAY SIMILAR CHARACTERISTICS AS STEM CELLS DERIVED FROM BONE MARROW AND ADIPOSE TISSUE**
Lubos Danisovic*, Dusan Holly, Zuzana Varchulova Novakova, Ivan Varga, Stefan Polak, Jan Vojtassak, Slovakia
- P—3709 **EFFECT OF LOCALLY ADMINISTERED BISPHOSPHONATE ON BONE REGENERATION AND MICRO-ARCHITECTURE IN SEGMENTAL DEFECT IN THE SD RAT FIBULA**
Hyung Jun Kim*, In-Ho Cha, Won Yun Chung, Jin-Il Kwon, Korea, Republic of
- P—3710 **NANO TITANIUM - THE EVALUATION OF OSSEOINTEGRATION**
Jan Jambura*, Daniel Hrusak, Lukas Hauer, Petr Posta, Lubor Hosticka, Pavel Andrie, Czech Republic
- P—3711 **CLINICAL APPLICATION OF AUTOLOGOUS OSTEOBLAST IN ORAL MAXILLOFACIAL SURGERY**
Jun Lee*, Seung Gi Min, Bong Chul Kim, Bo Young Choi, Dong Keun Lee, Korea, Republic of
- P—3712 **A COMBINATION OF CHEMICAL AND MECHANICAL STIMULI SYNERGISTICALLY ENHANCES OSTEO- AND CHONDR-DIFFERENTIATION ON ADIPOSE-DERIVED STEM CELLS**
Satoru Shintani*, Seika Banka, Yoshiki Mukudai, Seiji Kondo, Japan
- P—3713 **SILK FIBROIN MEMBRANE PLUS 1% 4-HEXYLRESORCINOL FOR THE PERI-IMPLANT DEFECT**
Seong-Gon Kim*, Young-Wook Park, HaeYong Kweon, Korea, Republic of
- P—3714 **TETRACYCLIN-LOADED SILK FIBROIN MEMBRANE FOR THE GUIDED BONE REGENERATION**
Seong-Gon Kim*, Sang-Woon Lee, HaeYong Kweon, Yong-Tae Park, Korea, Republic of
- P—3715 **PLATELET-RICH PLASMA PROMOTES HEALING OF MOUSE SKIN WOUNDS AND INCREASES VASCULARIZATION.**
Tsunetaka Ogura*, Natsuko Kakudo, Satoshi Kushida, Kenji Suzuki, Kenji Kusumoto, Japan
- P—3716 **RELATIONSHIP BETWEEN PHOSPHODIESTERASE 2 – CAMP SIGNALING AND GROWTH OR INVASION IN ORAL MALIGNANT MELANOMA CELLS**
Hiroshi Morita*, Taku Murata, Kasumi Shimizu, Yoshihiro Watanabe, Yoshihiko Matsumura, Jouji Nomura, Toshiro Tagawa, Japan
- P—3717 **OSTEOGENIC DIFFERENTIATION AND GROWTH OF HUMAN PERIOSTEAL-DERIVED OSTEOBLASTS IN PRP AND PRF ENRICHED THREE-DIMENSIONAL MARINE COLLAGEN SCAFFOLD**
Samer George Hakim*, Theresia Schulze, Mathias Klingler, Kathrin Kalies, Germany
- P—3718 **OPTIMAL CYCLIC COMPRESSIVE LOADING PROMOTES DIFFERENTIATION OF 3D-CULTURED PRE-OSTEOBLAST**
Keisuke Ota*, Yuri Muroi, Kenji Kakudo, Ken Nakata, Japan
- P—3719 **USE OF AUTOLOGOUS ALBUMIN-DERIVED SCAFFOLD TO INCREASE BONE FORMATION IN SEGMENTAL MANDIBULAR DEFECTS: AN EXPERIMENTAL PILOT STUDY IN SHEEP**
Lorena Gallego, Joaquim Megias*, Luis García-Consuegra, Serafin Costilla, Iñigo Noval, Álvaro Meana, Marcos Pérez, Luis Junquera, Spain

SOCIAL PROGRAMME

OPENING CEREMONY

DATE: TUESDAY, SEPTEMBER 11TH

TIME: 20:00 – 21:00

VENUE: Stradun. The famous Stradun of Dubrovnik, its real name being Placa, is the favourite promenade of Dubrovnik citizens, young and old, as well as of all tourists coming from all over the world. No one should miss walking along the Stradun as he would be poorer for a memorable experience. Following the welcome speeches by the President of Croatia Ivo Josipović, the Minister of Health Rajko Ostojić, the Mayor of Dubrovnik Andro Vlahušić and the President of EACMFS Mišo Virag a program highlighting the Dubrovnik tradition and history will be given exclusively for the EACMFS participants.

PRICE: Acces with voucher only. Attendance to the Opening Ceremony and Presidential Reception is included in the registration fee for registered participants and registered accompanying persons. However, as the number of places for the Opening Ceremony is limited, we strongly recommend that you register early!

TRANSPORT: Buse transportation will be organized for the Opening Ceremony. Buses will depart at 19:00. The bus departure location schedule will be posted on the information board next to the registration desk. There will be no return transportation.

PRESIDENTIAL RECEPTION

Date: Tuesday, September 11th

Time: 21:00 – 24:00

VENUE: Revelin Fortress. Built in the mid 16th century, at the time of the renewed Venetian danger to the Dubrovnik Republic, Revelin is a large fortress of irregular square shape, situated outside the city walls near the Ploče town gate. The Presidential Reception will take place on Revelin's roof-terrace.

PRICE: Attendance to the Presidential Reception is included in the registration fee for registered participants and registered accompanying persons.

GALA DINNER

Date: Thursday, September 13th

Time: 20:00 – 24:00

VENUE: Revelin Fortress. The Gala Dinner will take place in the Revelin fortress near Dubrovnik Old Town Port.

DRESS CODE: Formal/Black tie optional
Price: 160 Euro (pre-registration is required. Limited capacity on a first-come-first-served basis).

TRANSPORT: Buse transportation will be organized for the Gala Dinner guests from the main Congress Venue to the Revelin Fortress. Buses will depart at 19:30. There will be no return transportation.

GENERAL INFORMATION

CLIMATE

The climate in the Dubrovnik Region is typical Mediterranean. Septembers are usually warm (daytime maximum temperatures reach 28 °C, and at night drop to around 15 °C). The sea remains warm for swimming.

TIME DIFFERENCE

Croatia is on Central European Time, one hour ahead of GMT. It observes Daylight Savings Time, so remains one hour ahead of the UK, and six hours ahead of New York, all year round.

SAFETY

Dubrovnik is as safe as any other European tourist city. Participants are advised to take the usual prudent precautions.

ELECTRICITY

The electricity power supply in Croatia is 220 Volt and uses a European standard plug of round 2-pin type.

GENERAL EMERGENCY CALLS

The emergency and assistance services are available on the number 112.

CREDIT CARDS

All major credit cards are accepted in hotels and ATMs are available.

BANKS

Banks are generally open Monday through Friday, 7:30 – 19:00 and are closed on Saturdays, Sundays and holidays.

CURRENCY EXCHANGE

The official currency in Croatia is Kuna (HRK). Kuna notes are issued in denominations of 10, 20, 50, 100, 200, 500 and 1000. Coins come in denominations of 1, 2 & 5 Kuna and 50, 20, 10, 5, 2 and 1 lipa pieces.

Exchange can be carried out in banks, exchange offices and most hotels.

There is a limit on the amount of foreign currency which may be brought in or out of the country (10.000) EUR.

TRANSPORTATION

Dubrovnik has convenient public bus transportation. Libertas Dubrovnik bus operator offers city timetable at www.libertasdubrovnik.com/gradski.pdf. Line 6 takes you from

Babin Kuk (Congress Venue) to Pile gate (city center) and back. Additional information is available at the registration desk. Taxi is about 65 kunas (8 EUR).

RESTAURANTS IN DUBROVNIK

Restaurants in Dubrovnik offer various types of cuisine and country's diverse variety of wine.

More information on restaurant reservation is available at the Info desk in the registration area.

CONGRESS INFORMATION

CONGRESS DATES & VENUE

All scientific sessions are held at the Venue Hotel – Valamar Lacroma Dubrovnik, from Monday, September 10 to Saturday, September 15, 2012. All Masterclasses will be held at Hotel President within the Valamar complex from Tuesday, September 11 to Saturday, September 15, 2012.

XXI CONGRESS OF THE EUROPEAN ASSOCIATION FOR CRANIO-MAXILLO-FACIAL SURGERY



CONGRESS SECRETARIAT

PCO Secretariat
361° d.o.o.

For any inquiries about the congress programme and/or social events, tours or hotels please contact the PCO Secretariat Staff at the Registration and Info desk located in the Valamar Lacroma Dubrovnik Hotel.

CONGRESS WEBSITE

For detailed congress information, we invite you to visit the official congress website at WWW.EACMFS2012.COM

INTERNET

Free wireless internet is available in the Congress Center. For more information please visit the Info desk in the Valamar Lacroma Dubrovnik Hotel.

MOBILE PHONES

In Croatia, mobile phones use the frequency bands GSM–900 and GSM–1800. As a courtesy to other participants, please turn off your mobile phone when entering any of the meeting rooms.

CERTIFICATE OF ATTENDANCE

A certificate of attendance will be issued for all participants attending the congress.

INSURANCE

It is strongly recommended that participants take out adequate cover for health, travel and private liability insurance. The organisers cannot accept responsibility for personal injury, loss or damage to private property belonging to the congress participants and accompanying persons.

LOST PROPERTY

If you see any unattended items or objects, please report immediately to one of the congress staff members. Should you lose anything at the Congress Venue or the Exhibition Area, please enquire at the registration desk where any lost property will be held.

ACCESS / SECURITY

Participants and accompanying persons are requested to wear their badges at all times during the Congress, social events and functions. Please do not leave any of your personal belongings unattended during the Congress.

NAME BADGES, TICKETS AND/OR VOUCHERS

Tickets and/or vouchers for social events are issued to participants and accompanying persons who have booked these events. Tickets and/or vouchers should be presented at the events.

OFFICIAL LANGUAGE

The official language of the congress is English. No simultaneous translation will be provided.

PHOTOGRAPHER

An official photographer is present during the congress. By registering you have agreed to have your picture taken.

SPEAKER READY ROOM

A Speaker Ready Room is in the main congress venue, for all speakers, chairs and moderators to check/finalise their audiovisual presentations for the respective sessions.

REGISTRATION AND INFORMATION

The registration desk is located at the level 1 of the Congress Center. On-site registrations to the congress or any additional tour bookings will only be accepted with the presentation of a valid credit card or cash.

When registering at the Congress Center, please bring your official registration confirmation, which will entitle you to collect your congress documentation, tickets and/or vouchers.

The registration fee for participants includes:

- Attendance to scientific sessions
- Access to the exhibition
- All printed material & a congress kit
- Refreshments on all congress days
- Lunch from Tuesday until Friday
- Opening Ceremony & Presidential Reception on Tuesday, September 11th (Pre-registration is required)

The registration fee for accompanying persons includes:

- Access to the exhibition
- Refreshments on all congress days
- Opening Ceremony & Presidential Reception on Tuesday, September 11th (Pre-registration is required)

Additional payment is required for the Gala Dinner.

SERVICES FOR THE DISABLED

The Congress Center, Valamar Complex and Exhibition Area are accessible to delegates with disabilities.

SMOKING POLICY

The Congress is smoke-free and smoking is not permitted in the Congress Venue and the Exhibition Area.

EACMFS WISHES TO THANK ALL THE COMPANIES FOR THEIR SUPPORT PROVIDED TO THE SUCCESSFUL REALIZATION OF XXI EACMFS CONGRESS.

THANK YOU FOR YOUR SUPPORT.



NOBEL BIOCARE

Nobel Biocare is a focused and specialized global leader in implant-based dental restorations – including implant systems, high-precision individualized prosthetics, CAD/CAM systems, diagnostics, treatment planning and guided surgery. Nobel Biocare is headquartered in Zurich, Switzerland, listed at the SIX Swiss Exchange and included in the Swiss Leader Index.

Nobel Biocare is committed to improving the quality of life of every patient by providing innovative solutions with a focus on customer and patient needs. The company's mission, "Designing for Life", reflects its resolution to provide products and solutions that result in fully functional, natural-looking restorations with the aspiration to last a lifetime.



STRYKER

Stryker is one of the preeminent medical products and services companies in the world. Our focus is on the fundamentals and a relentless attention to details of not just design and manufacture, but also of application and outcomes. The output of our work supports the skills and talents of the medical profession. And because of this, we set our standards high and work to surpass our own ambitious goals.

For over half a century, Stryker has been partnering with the surgical community to improve outcomes in the field of cranial and facial surgery. Leibinger products, produced by Stryker CMF, enhance that capacity through their legacy and reputation. Stryker CMF is intent on bringing continued improvements to patient outcomes.



SYNTHES

The new DePuy Synthes Companies offer the world's most comprehensive portfolio of orthopaedic products and services for joint reconstruction, trauma, spine, sports medicine and cranio-maxillofacial therapies. DePuy Synthes Companies are also a global leader in neurological solutions with products and services for neurosurgery, neurovascular, spine and cranio-maxillofacial therapies.

LIST OF EXHIBITORS



3DMD

3dMD highly efficient departmental surface imaging technology has made precise 3D photography an everyday event in hundreds of clinical facilities around the world. With a programme of constant functional improvements 3dMD will exhibit the latest advancements in virtual treatment planning and patient assessment. The powerful combination of 3dMDvultus and 3dMD surface imaging advancements enable efficient computer aided surgery planning for interdisciplinary treatment intervention and promote a new standard in team oriented patient care.



AOCMF

Aocmf is a recognized clinical division within the AO Foundation, which is a medical non-profit organization focused on international research and educational activities. Its mission is to foster and expand its network of healthcare professionals in education, research, development, and clinical investigation to achieve more effective patient care worldwide.



BRAINLAB

Brainlab develops, manufactures and markets software-driven medical technology that supports targeted, less-invasive treatment. Core products are image-guided systems and software that provide real-time information used for surgical navigation and radiosurgical planning and delivery.

Brainlab technology drives collaboration between hospitals and clinicians from a wide variety of subspecialties – from neurosurgery and oncology to orthopedics, ENT, CMF and spine & trauma. This integration delivers better access to improved and more efficient treatment.

Founded in 1989, the privately held Brainlab group has more than 5,000 systems installed in about 80 countries. Based in Munich, Germany, Brainlab employs 1,020 people in 17 offices worldwide.

www.brainlab.com



BRUMABA

For 30 years, Brumaba has been developing operating tables, treatment beds and patient transport chairs for professional use. In a continuous dialogue with our customers, solutions are created that are convincing down to the smallest detail. We have pursued many of these until they are ready for a patent, and then distributed them worldwide, with great success. You can recognise Brumaba products from their well-thought-out technology, their aesthetic design, and their unbeatable quality.

CONMET

TITANIUM INSTRUMENTS
AND IMPLANTS FOR SURGERY

CONMET

Conmet is a leading Russian manufacturer of titanium instruments and implants for Cranio-Maxillofacial Surgery, Implant Dentistry and Spine Surgery as well unique, custom- and ready-made implants. We employ surface engineering and promising nano-modification technique of titanium-based implants, additive manufacturing, highly accurate 3D simulation for cranio-maxillofacial surgery, advanced CAD/CAM technology with expert industrialized manufacturing processes, optional custom-designed surgical template for guided surgery.

Conmet guarantees high quality. All products have been thoroughly tested, evaluated and certified (CE, ISO 9001, ISO 13485).

At the heart of our business is a relentless desire to make a meaningful difference for all who rely on us.



COOK MEDICAL

A global pioneer in medical breakthroughs, Cook Medical is committed to creating effective solutions that benefit millions of patients worldwide. Today, we combine medical devices, drugs, biologic grafts and cell therapies across more than 16,000 products serving more than 40 medical specialties. Founded in 1963 by a visionary who put patient needs and ethical business practices first, Cook is a family-owned company that has created more than 10,000 jobs worldwide. For more information, visit www.cookmedical.com. Follow Cook Medical on Twitter and LinkedIn.



DOLPHIN

Dolphin provides high-quality imaging, diagnostic, case presentation and patient education software. User-friendly features include: 2D/3D facial/implant planning, digital photo management, cephalometric analysis, and more. Dolphin 3D assists precise implant planning placement and generates industry-standard STL files for implant guide fabrication. In addition, add-on module Dolphin 3D Surgery enables diagnosis and planning of orthognathic cases with real-time soft tissue outcome suggestion, and also exports data for surgical splint fabrication. Dolphin products tightly integrate with most OMS practice management systems. Backed by 24/7 tech support.



EACMFS 2014

XXII Congress of the European Association for Cranio-Maxillo-Facial Surgery
23-26 September 2014 | Prague, Czech Republic
www.eacmfs2014.com

Congress President: dr. Daniel Hrušák, PhD.

Congress Venue: Prague Congress Centre

Prague, the capital city of the Czech Republic, is considered to be one of the most beautiful cities of the world. The historical centre was added to the UNESCO List of World Cultural Heritage in 1993.



EACMFS 2016

EACMFS 2016

London XXIII Congress of the European Association for Cranio-Maxillo-Facial Surgery
We look forward to welcoming you to London for the XXIII Congress of the European Association for Cranio-Maxillo-Facial Surgery.

London is a one-of-a-kind international centre for culture, leisure, history and science and is the gateway to the United Kingdom with its impressive history of medical discovery and internationally renowned research institutions and universities. The 2016 congress itself takes place at the Queen Elizabeth II Conference Centre in the heart of Westminster - a stone's throw from the iconic Houses of Parliament and world-famous Westminster Abbey.

We encourage you to mark your calendars now and join us in 2016 for a most memorable congress in the centre of our world-class capital city.

For information on the 2016 EACMFS congress, please contact: eacmfs@kenes.com



EDIZIONI MARTINA

EDIZIONI MARTINA

The publishing house Edizioni Martina srl was born in Bologna in 1985, with distinction in the University with different legal and economic publications specializing in the medical sector.

In subsequent years it has always been emphasized for its innovations, the topicality of the subjects treated, where now is leader, thanks to the ever-present momentum of Publisher as founder Alfredo Martina, proponent of the Text-Atlas.

Are so wide-ranging works and easy consultation, able to influence positively the professional and Academic in his accompanying the study.

Operating throughout the national territory, in Bologna, with its own store in Rome as a subsidiary, Martina editions are available at all bookstores in medical science.



ELSEVIER

Elsevier is a leading publisher of more than 20,000 products and services, including journals, books, electronic products, services, databases and portals serving the global scientific, technical and medical (STM) communities.

Visit the Elsevier booth to browse and collect free samples of Journal of Cranio-Maxillofacial Surgery and other key titles within our surgery portfolio



INTERNATIONAL ACADEMY OF ORAL ONCOLOGY

The International Academy of Oral Oncology (IAOO) mission is to bring together clinicians and scientists working in the field of oral oncology, so that advances in medical science can be made and translated speedily into benefits for patients. During the course of the past 8 years, the IAOO has made significant strides with growing membership, drawing specialists from all parts of the world interested in the field of oral cancer. The successes of the previous three world congresses, in Amsterdam in 2007, in Toronto in 2009, and in Singapore in 2011, are a testament to the need for an assembly of oral oncologists from all sub specialities. The 4th World Congress in May 2013 in the beautiful Greek island of Rhodes will be equally informative, interesting and rewarding.

www.iaoo.pro

ICOMS
BARCELONA 2013

ICOMS 2013

Every two years, the maxillofacial community gathers in a scientific event, the ICOMS, that after 20 editions has become a "classic". Now it is our turn, and its 21st edition is finally coming to Barcelona.

An absolutely dedicated committee has already started to work on the organization of the conference. We are pursuing excellence: we want ICOMS to be exceptionally good and to exceed your expectations.

We want Barcelona to be an ICOMS to remember and we have the tools to do so: committed organizers, the full support of our national association SECOM, and a welcoming city.

STORZ
KARL STORZ – ENDOSKOPE

KARL STORZ

Karl Storz is one of the world's leading suppliers of endoscopes for all fields of application. The family-owned company with its headquarters in Tuttlingen, Germany has 5800 employees worldwide. With a history that stretches back over 60 years, KARL STORZ is well-known for its innovative and high-quality products. Its range of products has been rounded off with the development of the integrated operating room OR1TM and by integrating the field of flexible endoscopy into the various specialties.

KLS martin
GROUP

KLS MARTIN – SURGICAL INNOVATION IS OUR PASSION

KLS Martin is a medium-sized group of companies with a readiness to innovate and invest, based on a clear growth strategy. We offer more than marketable products. We develop comprehensive medical-technical problem solutions with a high practical relevance because they have been implemented in close collaboration with the users. The result are products and systems that impress with a high innovation level and differentiate themselves from the competition by significant USPs (unique selling propositions). They benefit the surgeon, the medical staff and the patients alike because they serve health and its restoration. www.klsmartin.com

Materialise

MATERIALISE NV, OBL, PART OF THE MATERIALISE GROUP

Since 1990, Materialise has been a leader in the field of Additive Manufacturing, and enjoys a stellar reputation as a provider of innovative software programs and unique solutions, including medical image processing and surgical simulations. In 2010, Materialise began collaborating with Synthes, a global leader in the field of medical devices. Their collaboration has brought the benefits of patient-specific surgical planning to medical professionals worldwide.

Active in the field of osteosynthesis and biomaterials, OBL is a leader in the design of titanium implants for cranio-maxillofacial surgery and face distraction systems and has been part of the Materialise group since 2007.

More contact details of our other offices can be found on our website:

<http://cranio-maxillofacial.materialise.com/>

www.oblparis.com

mectron
medical technology

MECTRON

Mectron SpA is devoted to the development and improvement of piezoelectric bone surgery.

We provide surgeons with leading edge technology that allows a superior intra-operative control and enhanced surgical sensitivity, thanks to the right combination of ultrasonic power, design and quality of the surgical tips.

Piezosurgery® Medical can be used for a large variety of clinical indications in: craniofacial surgery, maxillofacial surgery and reconstructive surgery.

Piezosurgery® Medical is today the best ultrasonic bone cutting device.

Website: www.piezosurgerymedical.com

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PRECISION IN FIXATION

MEDARTIS AG

Medartis AG, headquartered in Basel, Switzerland, specializes in technical high-precision implants for surgical fixation of bone fractures and osteotomies. Medartis develops, manufactures and sells titanium screws and plates, surgical instruments and system solutions for fracture fixation. Our implants allow for patient rehabilitation after surgical reconstruction of fractures, malunions and deformities or skeletal diseases and their adjacent soft tissues. Medartis is represented worldwide through its subsidiaries and a broad distributor network. Our motto is "Precision in fixation." We place the highest priority on maintaining stringent quality standards, continuous education as well as comprehensive service for our customers.



MEDICON

Founded in 1941 Medicon eG today bundles the strength of 11 production facilities and offers a complete range of surgical instruments. Our complete line is manufactured in Germany.

For many years and even today, MEDICON is a major player in maxillary-facial-surgery world-wide.

Medicon products have vastly contributed to the high status of modern maxillary-facial surgery over many decades. Many of these instruments have been developed in close co-operation with famous pioneers of this special discipline.

Further Information: www.medicon.de



MERCY SHIPS

Mercy Ships, an International Christian Charity, has provided services in 150 developing nations over 33 years. Using hospital ships partnering with land based programmes to deliver transformational health care to the world's forgotten poor, Mercy Ships provides free surgery and medical care, training, and advice to thousands of people each year.

Community health also features with dental, agricultural training, water, construction and education teams working alongside locals to improve community health. Dedicated international volunteers cover all their own travelling and subsistence expenses in the cause of the poorest of the poor, bringing hope where there was none.



MISONIX, INC.

Misonix, Inc. is a world leader in developing ultrasonic surgical devices for hard and soft tissue removal. The Misonix BoneScalpel™ is a powerful ultrasonic osteotome for tissue-selective bone dissection that encourages en-bloc bone removal and refined osteotomies while sparing elastic soft tissue structures. Among various tip choices is the new 30 mm straight, dual action blade with a blunt forward-cutting edge and unilateral serrations for precise and controlled side cutting.

The BoneScalpel has been used extensively for bone removal in orthognathic surgery, facial and cranial reconstruction and resection of bone tumors.

www.misonix.com



MONDEAL MEDICAL SYSTEMS GMBH

For more than 15 years, the name MONDEAL Medical Systems GmbH has stood for precision and reliability. These many years of experience show us the need to be open for new developments and the changing expectations of our customers.

Tradition and innovation are not contradictory terms for our company.

Our desire is to fulfill the requirements and wishes of our customers with modern technology, solid specialized knowledge, and competent advice and ultimately guarantee the best possible medical care with high quality products for oral, plastic and maxillofacial surgery.



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OPERATION SMILE

Operation Smile is an international children's medical charity that heals children's smiles, forever changing their lives. Since 1982, Operation Smile has provided more than 2 million patient evaluations and over 200,000 free surgeries for children and young adults born with cleft lips, cleft palates and other facial deformities around the globe. We have a presence in over 60 countries, and our free surgeries and medical missions are made possible by the thousands of volunteers and donors, who contribute time, talent and resources to our cause. And when we leave a country, we leave behind a legacy of education, training and equipment building a self-sufficient global health network focused on continuing the mission and transforming lives.



OSTEOMED

OsteoMed is a global and innovative leader in the development and manufacturing of specialty surgical implants for the neurosurgical and ENT market, as well as orthobiologics products. The OsteoMed philosophy focuses on improved patient outcomes through minimally disruptive and anatomically friendly technologies. Products include Craniomaxillofacial Fracture Fixation Systems, Neurosurgical Plating Systems, and Patient Matched Implants.

PLANMECA

PLANMECA OY

Planmeca Oy, established in 1971, designs and manufactures a full line of high technology dental equipment, including dental care units, panoramic and intraoral X-ray units and digital imaging products. Planmeca Oy, the parent company of the Finnish Planmeca Group, is strongly committed to R&D. The company is the U.S. market leader in dental imaging and one of the world's leading manufacturers in dental technology.

Planmeca is the largest privately owned company in the field and the third largest dental equipment manufacturer in Europe. 98% of Planmeca's production is exported to over 100 countries. The Group's estimated turnover for 2012 is approximately EUR 750 million with over 2,400 employees.

www.planmeca.com



SECOM

Secom, the Spanish Society of Oral and Maxillofacial Surgery, is the only official scientific association that host most of the oral and maxillofacial surgeons in Spain (95% of them). It has 825 associates, most of them with a double degree (MD, DDS), 162 of them are residents. The President is democratically elected every two years as well as the executive committee members, with a representative from the 5 regional associations. SECOM organizes one annual National Congress and two continuing educational courses focused on a relevant topic every year. The actual President is Dr. Arturo Bilbao, past-president is Dr. Rafael Martín-Granizo and the elected is Dr. Javier González-Lagunas. SECOM has been commended to organize the 21st. International Congress (ICOMS) of the International Association (IAOMS) in Barcelona, October 2013. Also, SECOM will celebrate its golden anniversary (50 years) in October, 2014.



SISOMM BVBA:

Peek based implants for maxillo-facial surgery is the topic of Belgian manufacturer SisoMM. Isoelasticity of implants to bone , implant feasibility in all cases, avoiding bone grafts and other augmentation procedures have been the challenge. SisoMM manufactures CE-certified implants in unusual new implant designs , with a new material and proposes to professionals a new method to make semi-customized implant for each patient and each localization. SisoMM developed a complete system of crestal (PERSO-C) and basal (PERSO-B) implants including instrumentation and tools for two-stage-implantology. Experienced professionals use successful the PERSO-PEEK system since 2006 as well under immediate loading.



SOUTHERN IMPLANTS

Southern Implants have been providing innovative solutions to dental professionals since 1987. Presently we are not only the leading dental implant company in Southern Africa, but also a significant global role player. Striving for service excellence, expanding proven concepts and meeting customer needs leads to our product range being characterized by numerous unique and innovative products including the Co-Axis 12, 24 and 36 degrees angled implants, the MAX wide diameter implant for molar replacement and the Passive Abutment. Keep your practice growing and your patients smiling. Contact Southern Implants today and find out how brighter ideas lead to better results.

Website: www.southernimplants.com



STRAUMANN

Straumann is a global leader in implant and restorative dentistry and oral tissue regeneration. Straumann researches, develops and manufactures dental implants, instruments, prosthetics and tissue regeneration products for use in tooth replacement and restoration solutions or to prevent tooth loss. In education and research, Straumann works closely with the International Team for Implantology (ITI), an independent international network of eminent clinicians and researchers from leading clinics, research institutes and universities around the world. Straumann products and services are available in more than 70 countries.



STRYKER – A PARTNER IN CREATING THE FUTURE OF CMF MEDICINE

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TITAMED

Titamed manufactures a complete range of fixation systems for osteotomies, reconstructive surgery and fracture treatment in titanium for the oral and maxillofacial surgeon. It is a simple, efficient, multipurpose set, extremely user-friendly and reliable. In December 2005 we launched a new palatal distractor, which we call the (UNI)-Smile Distractor. It is simple in design, small in dimension, safe and reliable in use. Most important there is an excellent patient compliance referring to hygiene and comfort.

Web site: www.titamed.com

Design: Studio Dogan

Photos of Dubrovnik: Damir Fabijanić



