Tuesday, September 17, 2019
ISCFS CONGRESS – E-POSTERS DAY 17
13H25-14H10 | Poster area

DAY17 - CORNER 1 - NEURO/CRANIOSYNOSTOSIS

13H25-13H30 | 17-1-001 - NEURONAVIGATION IN PLANNING SCALP INCISIONS FOR SINUS PERICRANII MALFORMATIONS
Thomas Willson (United States)

13H30-13H35 | 17-1-002 - THE SURGICAL MANAGEMENT OF SKULL BASE TUMORS-A 18YEAR SINGLE INSTITUTION EXPERIENCE
Nikolaos Maltzaris (Greece)

13H35-13H40 | 17-1-003 - SERIAL VISUAL EVOKED POTENTIALS IN PATIENTS WITH CRANIOSYNOSTOSIS AND INVASIVE INTRACRANIAL PRESSURE MONITORING
Mostafa Mamdoh Haredy (United States)

13H40-13H45 | 17-1-004 - CRANIAL VAULT EXPANSION FOR POST-SHUNT CRANIOSYNOSTOSIS: INDICATION AND OUTCOME USING A VERSATILE TECHNIQUE
Ahmed Elsherbiny (Saudi Arabia)

13H45-13H50 | 17-1-005 - AUTOMATIC MEASUREMENT OF INTRACRANIAL VOLUME FROM THREE-DIMENSIONAL PHOTOGRAPHY
Marius George Linguraru (United States)

13H50-13H55 | 17-1-006 - TREATMENT OF HYDROCEPHALUS WITH VENTRICULO-PERITONEAL SHUNT ASSOCIATED WITH PREMATURE CRANIAL SUTURE FUSION
Justin R Bryant (United States)

13H55-14H00 | 17-1-007 - PRECISION MEDICINE FOR PATIENTS WITH POSITIONAL PLAGIOCEPHALY: A TOOL FOR PREDICTINGORTHOTIC HELMET TREATMENT OUTCOMES AND DURATION IN CLINIC
Leslie Shock (United States)

14H00-14H05 | 17-1-008 - LIMITS OF MEDICAL TREATMENT OF OSTEOPETROSIS AND ROLE OF SURGERY TO CONTROL ITS NEUROSURGICAL MANIFESTATIONS
Federico Di Rocco (France)

14H05-14H10 | 17-1-009 - POOR CORRELATION OF INTRACRANIAL PRESSURE MEASUREMENTS BETWEEN LUMBAR PUNCTURE AND INTRACRANIAL WIRE MONITORING
Ruth Bristol (United States)
DAY17 - CORNER 2 - SYNDROMIC CRANIOSYNOSTOSIS

13H25-13H30 | 17-2-010 - NUMERICAL MODELLING TO ASSESS THE EFFECT OF SURGICAL PARAMETERS IN SPRING-ASSISTED POSTERIOR VAULT EXPANSION
K. Roshan Ramswamie Ramdat Misier (United Kingdom)

13H30-13H35 | 17-2-011 - FRONTO-FACIAL MONOBLOC: A RARE CASE OF CENTROFACIAL MIXOMA
Giorgio Spuntarelli (Italy)

13H35-13H40 | 17-2-012 - SAND DOLLAR AND STAVES TECHNIQUE: A NOVEL APPROACH TO TREATING UNILATERAL LAMBDOID CRANIOSYNOSTOSIS
Renata Maricevich (United States)

13H40-13H45 | 17-12-107 - VIRTUAL COMPUTER PLANNING IN CRANIOFACIAL SURGERY: AN ANALYSIS OF 5 YEARS
Eppo Wolvius (Netherlands)

13H45-13H50 | 17-2-014 - COMPARATIVE ANALYSIS OF OUTCOMES BETWEEN SURGICAL APPROACHES TO LAMBDOID CRANIOSYNOSTOSIS
Mark R. Proctor and John G. Meara (United States)

13H50-13H55 | 17-2-015 - A RARE SYNDROMIC CAUSE OF CRANIOSYNOSTOSIS- A REPORT OF A CASE AND REVIEW OF THE LITERATURE
David Christopher Laraway (United Kingdom)

13H55-14H00 | 17-2-016 - SPORTING ACTIVITY AFTER CRANIOSYNOSTOSIS SURGERY IN CHILDREN: A SOURCE OF PARENTAL ANXIETY
Tobi Rotimi (United Kingdom)

14H00-14H05 | 17-2-017 - CROUZON SYNDROME -- DON'T FORGET ABOUT THE CERVICAL SPINE
CJ Bui (United States)

14H05-14H10 | 17-2-018 - MANAGEMENT OF CHIARI MALFORMATION IN SYNDROMIC CRANIOSYNOSTOSIS: EFFICACY OF CRANIAL EXPANSION SURGERY
Ako Matsuhashi (Japan)

DAY17 - CORNER 3 - CRANIOSYNOSTOSIS/SAGITTAL

13H25-13H30 | 17-3-019 - A CRANIOMETRIC ANALYSIS OF CRANIAL BASE AND CRANIAL VAULT DIFFERENCES IN PATIENTS WITH SAGITTAL SYNOSTOSIS
Anthony Azzolini (United States)

13H30-13H35 | 17-3-020 - OBJECTIVE OUTCOMES IN SAGITTAL CRANIOSYNOSTOSIS: A COMPARISON OF THREE TECHNIQUES PERFORMED AT DIFFERENT AGES
Leila Galiay (France)
13H35-13H40 | 17-3-021 - COMPARISON OF INTRACRANIAL VOLUME AND CEPHALIC INDEX AFTER CORRECTION OF SAGITTAL SYNOSTOSIS WITH EITHER TWO OR THREE SPRINGS
Sara Fischer (Sweden)

13H40-13H45 | 17-3-022 - CHANGES IN HEAD SHAPE OVER TIME AFTER ENDOSCOPIC STRIP CRANIECTOMY FOR SAGITTAL CRANIOSYNOSTOSIS
Suresh N Magge (United States)

13H45-13H50 | 17-3-023 - ORBITAL SHAPE IN ADULT SCAPHOCEPHALY: A CONTROLLED 3D ASSESSMENT
Roman Hossein Khonsari (France)

13H50-13H55 | 17-3-024 - A SUBTYPE OF SAGITTAL CRANIOSYNOSTOSIS HAS ENHANCED BILATERAL TEMPOROPARIETAL CONstriction AND FRONTAL BOssING: POINTERS FOR SURGICAL MANAGEMENT
Jeffrey Goldstein (United States)

13H55-14H00 | 17-3-025 - A CUSTOM HELMET DESIGN FOR SAGITTAL STRIP CRANIECTOMY: A 3D COMPARATIVE STUDY
Christopher Derderian (United States)

14H00-14H05 | 17-3-026 - MULTIPLE OSTEOTOMIES WITH COMBINED DISTRACTION OSTEOGENESIS FOR NON SYNDROMIC SCAPHOCEPHALY
Weimin Shen (China)

14H05-14H10 | 17-3-027 - THE THUNDERBIRD APPROACH FOR NASOFRONTAL OSTEOTOMIES ENHANCES NASOFRONTAL AESTHETICS IN SAGITTAL CRANIOSYNOSTOSIS
Jeffrey Goldstein (United States)

DAY17 - CORNER 4 - CRANIOSYNOSTOSIS/MISCELLENOUS

13H25-13H30 | 17-4-028 - COMPLICATIONS RELATED TO CRANIOSYNOSTOSIS SURGERY– EXPERIENCE FROM A NEWLY ESTABLISHED NATIONAL CENTRE
Daniel Nowinski (Sweden)

13H30-13H35 | 17-4-029 - CRANIOSYNOSTOSIS AND RECONSTRUCTION OF THE AESTHETIC TEMPORAL SUBUNIT
Fan Liang (United States)

13H35-13H40 | 17-4-030 - THE EFFECT OF FRONTO-ORBITAL ADVANCEMENT ON FRONTAL SINUS DEVELOPMENT AND FUNCTION IN NON-SYNDROMIC AND SYNDROMIC CRANIOSYNOSTOSIS
Vybhav Deraje (Australia)

13H40-13H45 | 17-4-031 - THE SYNOSTOSIS RESEARCH GROUP (SYNRG) OUTCOMES STUDY: EARLY RESULTS FROM A MULTI-CENTER, PROSPECTIVE CONSORTIUM FOR THE STUDY OF CRANIOSYNOSTOSIS
Lucas A. Dvoracek (United States)
13H45-13H50 | 17-4-032 - OPTIMIZING RECONSTRUCTION IN CRANIOSYNOSTOSIS: A 12-YEAR REVIEW OF 162 NON-SYNDROMIC PATIENTS TREATED WITH A NOVEL TECHNIQUE
Elyse Uppal (United States)

13H50-13H55 | 17-4-033 - FRONTO-ORBITAL ADVANCEMENT & VAULT REMODELING FOLLOWING PRIMARY STRIP CRANIECTOMY
Amir Elbarbary (Egypt)

13H55-14H00 | 17-4-034 - SPRINGS FOR NON-SYNDROMIC CRANIOSYNOSTOSIS: AN APPRAISAL OF THE CEPHALIC INDEX, THE FUNCTION AND THE AESTHETIC AT 12 YEARS OF CLINICAL AND RADIOLOGICAL FOLLOW-UP
Fernando Molina (Mexico)

14H00-14H05 | 17-4-035 - TRANEXAMIC ACID USE IN INFANT CRANIOSYNOSTOSIS SURGERY: FRIEND OR FOE?
Patrick A Gerety (United States)

14H05-14H10 | 18-12-213 - CRANIOFACIAL FELLOWSHIP TRAINED SURGEONS: WHERE ARE THEY NOW?
Ashley L. Howarth (United States)

DAY17 - CORNER 5 - CRANIOSYNOSTOSIS/CORONAL

13H25-13H30 | 17-5-037 - DISPARITIES IN ACCESS TO HEALTH CARE IN 2018 FOR UNITED STATES CRANIOSYNOSTOSIS PATIENTS: THE INFLUENCES OF PRIVATE INSURANCE AND RURAL RESIDENCY
Jeffrey Goldstein (United States)

13H30-13H35 | 17-5-038 - UNUSUAL COMBINED CRANIOSYNOSTOSIS: CHALLENGES OF DIAGNOSIS AND TREATMENT
Tatiana Protzenko (Brazil)

13H35-13H40 | 17-5-039 - PAPILLEDEMA IN UNICORONAL SYNOSTOSIS: A RARE FINDING
Stephanie Van De Beeten (Netherlands)

13H40-13H45 | S6A-06 - ABNORMAL EXTRA-OCULAR MUSCLE POSITIONS IN ANTERIOR PLAGIOCEPHALY AND THE MECHANISM OF V-PATTERN STRABISMUS
Samer Haber (France)

13H45-13H50 | 17-5-041 - CORONAL BAND SYNDROME: PREVIOUSLY NOT CLASSIFIED PHENOTYPE OF CRANIOSYNOSTOSIS
Shigeo Kyutoku (Japan)

13H50-13H55 | 17-5-042 - UNICORONAL SYNOSTOSIS ORBITAL DYSMORPHOLOGY CORRECTION BY 3D PRINTING GUIDED FRONTOORBITAL ADVANCEMENT
Tarek Elbanoby (Egypt)
13H55-14H00 | 17-5-043 - LONG TERM FOLLOW-UP OF PATIENTS WITH BRACHYCEPHALY: LESSONS LEARNED
Jordi Puente Espel (United States)

14H00-14H05 | 17-5-044 - ANTERIOR POSITIONAL PLAGIOCEPHALY EXPLAINS THE PHENOTYPE OF FRONTOSPHENOIDAL SUTURE SYNOSTOSIS
J Chen (United States)

14H05-14H10 | 17-5-045 - CRANIAL VAULT ASYMMETRY AFTER DISTRACTION OSTEogensIS IN PATIENTS WITH UNICORONAL CRANIOSYNOSTOSIS
Michelle Zaldana-Flynn (United States)

DAY17 - CORNER 6 - IMAGING/PLANNING

13H25-13H30 | 17-6-046 - ANALYSIS OF THE ROLE OF CT DATA IN THE DIAGNOSIS AND TREATMENT DESIGN OF CONDYLAR OSTEochondroma
Hongpu Wei (China)

13H30-13H35 | 17-6-047 - ANALYSIS OF NORMAL KOREAN ORBIT MEAN SHAPE MODEL FOR STANDARD PREFORMED IMPLANT
Woo Shik Jeong (Republic of Korea)

13H35-13H40 | 17-6-048 - 3D COMPUTER-ASSISTED TWO-LAYER AND THREE-LAYER MODELS OF THE FACE AND AR TECHNOLOGY
Misato Katayama (Japan)

13H40-13H45 | 17-6-049 - EVALUATION OF THREE DIMENSIONAL SIMULATION ON OSTEOTOMY FOR JAW DEFORMITY
Kei Noda (Japan)

13H45-13H50 | 17-6-050 - ZEBRA STRIPING AND MOIRÉ MAPPING ASSESSMENT FOR HEMIFACIAL DEFORMITY
Yumeji Takeichi (Japan)

13H50-13H55 | 17-6-051 - INTEGRATED DIGITAL DESIGN ASSISTANCE AS AN ADDITIONAL MODALITY IN CRANIOFACIAL SURGERY (CASE REPORT)
Indri Lakhsmi Putri (Indonesia)

13H55-14H00 | 17-6-052 - DEEP LEARNING APPLICATIONS IN CRANIOFACIAL SURGERY
David Khechoyan (United States)

14H00-14H05 | 17-6-053 - THE 3D EVOLUTION OF THE NORMAL CRANIUM DURING THE FIRST 2 YEARS OF LIFE
Jene Meulstee (Netherlands)
14H05-14H10 | 17-6-054 - GUIDANCE TEMPLATES OF THE NORMAL FOREHEAD FOR USE IN CRANIAL VAULT REMODELING
Jonathan Black (United States)

DAY17 - CORNER 7 - ORTHOGNATHIC

13H25-13H30 | 17-7-055 - HEMIPALATAL DISCREPANCY IN TESSIER 7 FACIAL CLEFT RECONSTRUCTION: A PREVIOUSLY UNREPORTED PHENOMENON
Aditi Madisetty Kanth (United States)

13H30-13H35 | 17-7-056 - SPECIAL DISTRACTION OSTEOGENESIS PERFORMED SEPARATELY FOR EACH BONE SEGMENT IN PATIENTS WITH BILATERAL CLEFT LIPS AND PALATES
Nobuyuki Mitsukawa (Japan)

13H35-13H40 | 17-7-057 - FACTORS INFLUENCING RELAPSE IN LEFORT I SURGERY IN THE CLEFT POPULATION
Linda Monshizadeh (Australia)

13H40-13H45 | 17-7-058 - SINGLE-SPLINT TECHNIQUE IN ORTHOGNATHIC SURGERY FOR PATIENTS WITH CLEFT LIP AND PALATE
Masanobu Yamashita (Japan)

13H45-13H50 | 17-7-059 - EN-BLOC U-SHAPED OSTEOTOMY OF THE MANDIBLE AND CHIN FOR THE CORRECTION OF A PROMINENT MANDIBULAR ANGLE WITH LONG CHIN
Chenzhi Lai (China)

13H50-13H55 | 17-7-060 - PLASTIC SURGERY RESIDENT MILESTONE ACHIEVEMENT IN ORTHOGNATHIC TECHNICAL SKILLS: A TWO-SITE VALIDATION OF EDUCATIONAL MODELS
Katherine A Grunzweig (United States)

13H55-14H00 | 17-7-061 - INFORMATION NEEDS OF CHINESE PATIENTS WITH ORTHOGNATHIC SURGERY IN DIFFERENT STAGES OF TREATMENT: A QUALITATIVE RESEARCH
Bixia Wang (China)

14H00-14H05 | 17-7-062 - DIGITAL OCCLUSION SET UP OF ORTHOGNATHIC SURGERY FOR UNILATERAL CLEFT PATIENTS: COMPARISON WITH DENTAL MODEL APPROACH
Hyung Joon Seo (Republic of Korea)

14H05-14H10 | 17-7-063 - VALUE-BASED MEDICINE: A RETROSPECTIVE EVALUATION OF VIRTUAL VS. TRADITIONAL SURGICAL PLANNING FOR ORTHOGNATHIC SURGERY
Lawrence O. Lin (United States)
DAY17 - CORNER 8 - HEMIFACIAL MICROsomia/ROBIN

13H25-13H30  |  17-8-064  - PI3K-AKT SIGNALING PATHWAY WAS INVOLVED IN HEMIFACIAL MICROsomIA BY INHIBITING BONE MODELING
Xiaojun Chen (China)

13H30-13H35  |  17-8-065  - WHOLE-EXOME SEQUENCING FOR MONOZYGOTIC TWINS DISCORDANT FOR HEMIFACIAL MICROsomIA
Xiaojun Chen (China)

13H35-13H40  |  17-8-066  - TREATMENT STRATEGIES FOR HEMIFACIAL MICROsomIA IN FUJITA HEALTH UNIVERSITY SCHOOL OF MEDICINE
Suguru Kondo (Japan)

13H40-13H45  |  S6B-13  - TRANS-FACIAL MINIMAL-DISSECTION MANDIBULAR DISTRACTION OSTEOREGENESIS FOR NEONATAL AIRWAY OBSTRUCTION FROM PIERRE ROBIN SEQUENCE
Christopher Gordon (United States)

13H45-13H50  |  17-8-068  - ADVANCED GENIOPLASTY OSTEOTOMY FOR AIRWAY CONSTRICTION IN THE UPPER RESPIRATORY TRACT
Hiromi Kino (Japan)

13H50-13H55  |  17-8-069  - DISTRACTION OSTEOREGENESIS IN MANDIBULAR DEFORMITIES IN HEMIFACIAL MICROsomia
Sonia Naija (Tunisia)

13H55-14H00  |  17-8-070  - UTILITY OF THREE-DIMENSIONAL EVALUATION OF UPPER RESPIRATORY TRACT IN SEVERE CASES OF MICROGNATHIA THROUGH MANDIBULAR DISTRACTION
Takeshi Tamura (Japan)

14H00-14H05  |  17-8-071  - EFFICACY OF MANDIBULAR DISTRACTION FOR OSAS: A RETROSPECTIVE ANALYSIS OF 10 YEARS
Eppo Wolvius (Netherlands)

14H05-14H10  |  17-8-072  - FINITE ELEMENT MODELING OF THE NEONATAL HYPOPLASTIC MANDIBLE
Laura Sestokas Humphries (United States)

DAY17 - CORNER 9 - RESEARCH

13H25-13H30  |  17-9-073  - OSTEOPROTEGERIN REDUCES OSTEOCLAST RESORPTION ACTIVITY WITHOUT AFFECTING OSTEOREGENESIS ON NANOPARTICULATE MINERALIZED COLLAGEN GLYCOSAMINOGLYCAN
Justine Lee (United States)

13H30-13H35  |  17-9-074  - APPLICATION OF MODIFIED RNA IN CRANIAL BONE REGENERATION
Jie Yuan (China)
13H35-13H40 | 17-9-075 - EFFECT OF STRONTIUM CITRATE ON BONE CONSOLIDATION IN A RABBIT MODEL OF MANDIBULAR DISTRACTION OSTEONEogenesis
Michael Bezuhly (Canada)

13H40-13H45 | 17-9-076 - VIABILITY OF DICED CARTILAGE GRAFT WITH PERICHONDRIUM WRAPPING AND ATTACHED ONE SIDED, COMPARED TO WITHOUT PERICHONDRIUM: AN EXPERIMENTAL STUDY
Nathania Pudya Hapsari (Indonesia)

13H50-13H55 | 17-9-078 - NEXT GENERATION DNA SEQUENCING APPLICATION IN DIAGNOSIS OF FIBROUS OSEous DISPLASIA OF SCULL BONES
Nikolay Redko (Russian Federation)

13H55-14H00 | 17-9-079 - THE OPTIMAL DURATION OF THE PERIOSTEOFASCIA IMPLANTATION FOR THE PREFABRICATION OF THE PRELAMINATED PERIOSTEOFASCIAL FLAP
Inyoung Lee (Republic of Korea)

14H00-14H05 | 17-9-080 - INDIRECT ADENOSINE A2A STIMULATION PROMOTES OSTEOGENIC DIFFERENTIATION OF HUMAN PEDIATRIC OSTEOPROGENITOR CELLS
Amel Ibrahim (United States)

14H05-14H10 | 17-9-081 - ERROR ANALYSIS OF A SURGERY SIMULATION SYSTEM FOR UNIDIRECTIONAL MANDIBULAR DISTRACTION OSTEONEogenesis USING BACKWARD INDUCTION METHOD
Xudong Wang (China)

**DAY 17 - CORNER 10 - CRANIOFACIAL TRAUMA**

13H25-13H30 | 17-10-082 - INTRA-OPERATIVE NAVIGATION ASSISTED SURGERY WITH 2-DIMENTION PLANNING FOR CORRECTION OF ORBITAL WALL FRACTURE RELATED SUNKEN EYE
Yen-Chen Yu (Taiwan)

13H30-13H35 | 17-10-083 - DEVELOPMENT OF AN ANATOMICAL THIN TITANIUM MESH PLATE AND PATIENT-MATCHED BENDING MODEL FOR ORBITAL FLOOR FRACTURE RECONSTRUCTION
Bo-Ru Lai (Taiwan)

13H35-13H40 | 17-10-084 - TRANSNASAL ENDOSCOPIC APPROACH FOR BLOW-OUT FRACTURE: COMPLICATED CASES
Jaewoo Lee (Republic of Korea)

13H40-13H45 | 17-10-085 - CONCOMITANT SKULL FRACTURES AMONG PEDIATRIC PATIENTS WITH FACIAL FRACTURES
Matthew R. Greives (United States)
13H45-13H50 | 17-10-086 - IMPACT OF HOSPITAL VOLUME ON THE TREATMENT OF MIDFACE FRACTURES – INPATIENT BURDEN AND CHARGES
Leila Musavi (United States)

13H50-13H55 | 17-10-087 - NASOFRONTOMAXILLARYETHMOID FRACTURE PATTERNS: CHALLENGES TO CURRENT CLINICAL NOMENCLATURE
Edward H. Davidson (United States)

13H55-14H00 | 17-10-088 - IMPACT ON THE ORAL HEALTH-RELATED QUALITY OF LIFE IN PATIENTS WITH MANDIBLE FRACTURE RELATING TRAUMA AND SURGICAL TREATMENT
Wooshik Jeong (Republic of Korea)

14H00-14H05 | 17-10-089 - CLINICAL TRIAL TO EVALUATE THE EFFICACY OF BOTULINUM TOxin TYPE A INJECTION FOR REDUCING SCARS IN PATIENTS WITH FOREHEAD LACERATION – A PILOT STUDY
Seong Hwan Kim (Republic of Korea)

14H05- 14H10 | 19-10-296 - AN EPIDEMIOLOGICAL ANALYSIS AND COMPARISON OF SINGLE FRACTURE AND COMPLEX FRACTURE REPAIR: A NSQIP ANALYSIS
Yan H Lee (United States)

DAY17 - CORNER 11 - CLEFT LIP PALATE

13H25-13H30 | 17-11-091 - CASE REPORT: THERAPY ON HAEMANGIOMA PATIENT WITH CLEFT LIP AND PALATE
Siti Isya Wahdini (Indonesia)

13H30-13H35 | 17-11-092 - USE OF A MODIFIED ENHANCED RECOVERY PROTOCOL IN PRIMARY CLEFT PALATOPLASTY
Colin M Brady (United States)

13H35-13H40 | 17-11-093 - USE OF ACELLULAR DERMAL MATRIX IN CLEFT PALATE SURGERY, KING SAUD UNIVERSITY MEDICAL CITY EXPERIENCE
Banderi Abdullah Ahmad (Saudi Arabia)

13H40-13H45 | 17-11-094 - ASSESSING ADHERENCE TO RECOMMENDED GUIDELINES OF TIMELINESS OF PRIMARY OROFACIAL CLEFT SURGERY: IMPACT ON CLINICAL OUTCOMES
Kathryn Martin (United States)

13H45-13H50 | 17-11-095 - FILLING THE VOID: INTERPOSITIONAL BUCCAL FAT PAD TO DECREASE FISTULA FORMATION AND MAINTAIN PALATAL LENGTH
Steven Kasten (United States)

13H50-13H55 | 17-11-096 - SINGLE-STAGE DIRECT REPAIR FOR UNILATERAL CLEFT LIP, ALVEOLUS AND PALATE: PRE-SURGICAL ORTHODONTICS AND SURGICAL PROCEDURE
Akihiko Oyama (Japan)
13H55-14H00 | 17-11-097 - A NEW PRIMARY CLEFT LIP REPAIR TECHNIQUE THAT COMBINES THREE SURGICAL CONCEPTS
Emi Funayama (Japan)

14H05-14H10 | 17-11-099 - THE EFFECT OF THE CLEFT LIP SCAR AND CLEFT SIDE NOSTRIL WIDENING BY DIFFERENT SITES OF BOTULINUM TOXIN INJECTION
Tingchen Lu (Taiwan)

DAY17 - CORNER 12 - CRANIOFACIAL RECONSTRUCTION

13H25-13H30 | 17-12-100 - VERSATILITY OF THE FREE VASTUS LATERALIS MUSCLE FLAP: ORBITAL RECONSTRUCTION AFTER REMOVAL OF COMPLEX VASCULAR MALFORMATION IN A PEDIATRIC PATIENT
Giorgio Spuntarelli (Italy)

13H30-13H35 | S9B-03 - SOMATIC ARTERIOVENOUS MALFORMATION MAP2K1 MUTATION CAUSES CARTILAGE OVERGROWTH BY A CELL NON-AUTONOMOUS MECHANISM
Patrick Smits (United States)

13H35-13H40 | 17-12-102 - REVIEW OF PEDIATRIC CRANIOMAXILLOFACIAL RECONSTRUCTION: EXPERIENCE FROM A SINGLE, LARGE INSTITUTION
Edward P. Buchanan (United States)

13H40-13H45 | 17-12-103 - EXTERNAL PORT TISSUE EXPANSION IN THE PEDIATRIC POPULATION: CONFIRMING THEIR SAFETY AND EFFICACY
Erik Wolfswinkel (United States)

13H45-13H50 | 17-12-104 - SUPERFICIAL TEMPORAL ARTERY AND VEIN AS RECIPIENT VESSELS FOR FACIAL AND CRANIAL MICROSURGICAL RECONSTRUCTION
Miki Kambe (Japan)

13H50-13H55 | 17-12-105 - REPARATIVE PROCEDURE IN LARGE LOSSES OF SCALP AND BONE OF THE SKULL AFTER RESECTION OF ADVANCED RECURRENT TUMOR ABOUT 2 CASES
Sonia Naija (Tunisia)

13H55-14H00 | 17-12-106 - CRANIOPLASTY WITH CUSTOM-MADE TITANIUM MESH FOR LARGE SKULL DEFECT AFTER FREE FLAP COVERAGE OF INFECTED SCALP DEFECT
Seong Joo Lee (Republic of Korea)

14H05-14H10 | 17-12-108 - THE ZYGOMATICOSPHENOIDAL ANGLE: A REFERENCE FOR SURGICAL NAVIGATION IN ZYGOMATICOMAXILLARY COMPLEX FRACTURE REPAIR
Brandon J De Ruiter (United States)
DAY18 - CORNER 1 - NEURO/Craniosynostosis

13H15-13H20 | 18-1-109 - Pediatric skull fracture characteristics associated with development of leptomeningeal cysts in young children after skull trauma
Joseph Lopez (United States)

13H20-13H25 | 18-1-110 - Measurement of intracranial pressure under general anesthesia is not reliable
Ruth Bristol (United States)

13H25-13H30 | 18-1-111 - Osteopetrosis leading to subtotal loss of the viscerocranial bones
Antonia Howaldt (Germany)

13H35-13H40 | 18-1-113 - Risk of intracranial extension of craniofacial dermoid cysts according to location
Jonathan Burge (Australia)

13H40-13H45 | 18-1-114 - Surgical challenges of abnormal location of anterior cerebral artery in the management of frontoethmoidal meningoencephalocele - ACFU experience
Vani Prasad (Australia)

13H45-13H50 | 18-1-115 - Central retinal artery occlusion following calvarial expansion for raised intracranial pressure
Grayson Roumeliotis (United Kingdom)

13H50-13H55 | 18-1-116 - Primary osseous pecom in the paediatric craniofacial skeleton. A report of the index case
Walter Flapper (Australia)

13H55-14H00 | 18-1-117 - Craniometer-app - a novel mobile software to assess cranial deformity
Jan-Falco Wilbrand (Germany)
DAY18 - CORNER 2 - SYNDROMIC CRANIOSYNOSTOSIS

13H15-13H20 | 18-2-118 - UNDIAGNOSED NORMOCEPHALIC PANCRANIOSYNOSTOSIS PRESENTING AS BILATERAL ABDUCENS NERVE PALSY
Lucas A Dvoracek (United States)

13H20-13H25 | 18-2-119 - MULTIDISCIPLINARY MANAGEMENT OF CHILDREN WITH GENETICALLY CONFIRMED CROUZON SYNDROME: A RETROSPECTIVE REVIEW IN THE OXFORD CRANIOFACIAL UNIT
Munir Jamal Abukhder (United Kingdom)

13H25-13H30 | 18-2-120 - A PROSPECTIVE STUDY OF FORCES IN CRANIOFACIAL DISTRACTION
Ari Wes (United States)

13H30-13H35 | 19-2-225 - ANALYSIS OF AIRWAY AND MIDFACE IN CROUZON SYNDROME
Xiaona Lu (United States)

13H35-13H40 | 18-2-122 - AN INTERNAL DISTRACTION DEVICE FOR MIDFACE DISTRACTION OSTEOGENESIS: THE NAVID SYSTEM TYPE Z’GOK
Takayuki Hirao (Japan)

13H40-13H45 | 18-2-123 - OUTCOMES IN INTERNAL VERSUS EXTERNAL MIDFACE DISTRACTION IN SYNDROMIC CRANIOSYNOSTOSIS: A SYSTEMATIC REVIEW
Anthony A Bertrand (United States)

13H45-13H50 | 18-2-124 - THREE DIMENSIONAL AIRWAY ANALYSIS IN APERT SYNDROME
Xiaona Lu (United States)

13H50-13H55 | 18-2-125 - POST-EXPANSION CRANIAL SHAPE AND DEFECT HEALING IN SAEHRE CHOTZEN BILATERAL CORONAL SYNOSTOSIS COMPARED TO NON-SYNDROMIC CONTROLS
Mert Calis (United States)

13H55-14H00 | 18-2-126 - SIMULTANEOUS LEFORT II DISTRACTION AND FRONTO-MALAR ADVANCEMENT: CORRECTING SEVERE MIDFACE RETRUSION IN A PATIENT WITH CROUZON’S SYNDROME
Sofia De Stefano (Argentina)

DAY18 - CORNER 3 - CRANIOSYNOSTOSIS/SAGITTAL

13H15-13H20 | 18-3-127 - SURGICAL PROCEDURES OF NON-SYNDROMIC SAGITTAL CRANIOSYNOSTOSIS BY THE TYPE OF CRANIAL SHAPE
Daiki Senda (Japan)
13H20-13H25 | 18-3-128 - MULTIPLE TONGUE-IN-GROOVE TENONS REMOLDING CRANIOPLASTY IN LATE CORRECTION, MULTISUTURAL AND REVISION CRANIOSYNOSTOSIS SURGERIES.
Christian HERLIN (France)

13H25-13H30 | 18-3-129 - EVALUATION OF SURGICAL OUTCOMES IN SAGITTAL CRANIOSYNOSTOSIS WITH 3D CURVATURE ANALYSIS - OPEN VERSUS ENDOSCOPIC TECHNIQUE
David Khechoyan (United States)

13H30-13H35 | 19-2-226 - DOES VECTOR CORRELATE WITH IMPROVEMENT IN SLEEP APNEA FOLLOWING SYNDROMIC MIDFACE DISTRACTION?
Mengyuan Tommy Liu (United States)

13H35-13H40 | 18-3-131 - RADIATION-FREE 3D HEAD SHAPE AND VOLUME EVALUATION AFTER ENDOSCOPICALLY ASSISTED STRIP CRANIECTOMY FOLLOWED BY HELMET THERAPY FOR SCAPHOCEPHALY
Hans Delye (Netherlands)

13H40-13H45 | 18-3-132 - COMPARISON OF PARENTAL SATISFACTION AND OUTCOMES OF STRIP CRANIECTOMY WITH HELMET VERSUS SPRING-MEDIATED REMODELING IN SAGITTAL CRANIOSYNOSTOSIS
Annie Drapeau (United States)

13H45-13H50 | 18-3-133 - CALVARIAL VAULT RECONSTRUCTION FOR SAGITTAL CRANIOSYNOSTOSIS AFTER 1 YEAR OF AGE
Sybill Naidoo (United States)

13H50-13H55 | 18-3-134 - MANAGEMENT OF SAGITTAL SYNOSTOSIS IN THE SYNOSTOSIS RESEARCH GROUP (SYNRG)
Barbu Gociman (United States)

13H55-14H00 | 18-3-135 - FRONTAL WIDENING AND REMODELING FOR SCAPHOCEPHALIC CHILDREN OLDER THAN ONE
Giovanna Paternoster (France)

DAY18 - CORNER 4 - CRANIOSYNOSTOSIS/MISCELLEANOUS

13H15-13H20 | 18-4-136 - SERIOUS COMPLICATIONS AFTER LE FORT III DISTRACTION OSTEOREGENSE IN SYNDROMIC CRANIOSYNOSTOSIS: EVOLUTION OF PREVENTIVE AND THERAPEUTIC STRATEGIES.
Cesar Augusto Raposo-Amaral (Brazil)

13H20-13H25 | 18-4-137 - BENIGN FEVER IS VERY COMMON FOLLOWING TRANSCRANIAL SURGERY FOR CRANIOSYNOSTOSIS: PERSISTENT FEVER IS ASSOCIATED WITH COMPLICATIONS
Michael R Bykowski (United States)
13H25-13H30 | 18-4-138 - GASTRO-ŒSOPHAGEAL REFLUX, GLUE EAR AND INTRACRANIAL HYPERTENSION: AN INVESTIGATION OF 182 CONSECUTIVE INFANTS IN THE OXFORD CRANIOFACIAL UNIT.
Sarah Kilcoyne (United Kingdom)

13H30-13H35 | 18-4-139 - FRONTO-ORBITAL ADVANCEMENT REMODELLING (FOAR) - THE DEVELOPMENT OF AN IMPROVED TECHNIQUE IN MINIMISING BLOOD LOSS OVER 10 YEARS.
Jonathan Jones (United Kingdom)

13H35-13H40 | 18-4-140 - THE PATH TO TRANSFUSION FREE CRANIAL VAULT SURGERY THROUGH CONTINUED QUALITY AND SAFETY EVALUATION
Amy Beethe (United States)

13H40-13H45 | 18-4-141 - SIGNIFICANCE OF PREOPERATIVE PARTIAL PROTHROMBIN TIME IN MINIMALLY INVASIVE CRANIOSYNOSTOSIS SURGERY
Brian S Pan (United States)

13H45-13H50 | 18-4-142 - EFFECT OF PARENTAL ENGLISH PROFICIENCY ON PSYCHOSOCIAL FUNCTIONING IN CHILDREN WITH CRANIOFACIAL ANOMALIES
Han Hoang (United States)

13H50-13H55 | 18-4-143 - QUANTITATIVE EVALUATION OF TREATMENT FOR CRANIOSYNOSTOSIS FROM 3D PHOTOGRAPHY
Antonio R Porras (United States)

13H55-14H00 | 18-4-144 - TOMOGRAPHIC EXOPHTHALMOMETRY IN PATIENTS UNTIL 3 YEARS OF AGE
Rolando Prada Madrid (Colombia)

DAY18 - CORNER 5 - IMAGING/PLANNING

13H15-13H20 | 18-5-145 - THE USE OF 3D PRINTING IN CRANIOSYNOSTOSIS SURGERY
Vadim Ivanov (Russian Federation)

13H20-13H25 | 18-5-146 - PREOPERATIVE SIMULATION AND OPERATIVE FACILITATION OF FRONTO-ORBITAL REMODELING IN CRANIOSYNOSTOSIS USING A NOVEL TEMPLATE
Eisuke Watanabe (Japan)

13H25-13H30 | 18-5-147 - CRANIAL SHAPE COMPARISON FOR AUTOMATED OBJECTIVE 3D CRANIOSYNOSTOSIS SURGERY PLANNING
Manon Tolhuisen (Netherlands)

13H30-13H35 | 18-5-148 - VIRTUAL PLANNING IN LE FORT III DISTRACTION OSTEOTOMY
Herman Jr Vercruysse (Belgium)
13H35-13H40 | S9B-02 - USING AUGMENTED REALITY TO REMOTELY TEACH CLEFT SURGERY: BUILDING LONG-TERM INTERNATIONAL CAPACITY AND SUSTAINABILITY
Raj M. Vyas (United States)

13H40-13H45 | 18-5-150 - A 3D STATISTICAL FACE MODEL FOR SYNDROMIC CRANIOFACIAL PATIENTS
Athanasios Papaioannou (United Kingdom)

13H45-13H50 | 18-5-151 - DIAGNOSIS OF CRANIOSYNOSTOSIS: ARE CT SCANS NECESSARY?
Artur Fahradyan (United States)

13H50-13H55 | 18-5-152 - QUANTIFICATION OF BONE AND SOFT TISSUE DEFORMATIONS IN CRANIOFACIAL PATIENTS
Lara S. van de Lande (United Kingdom)

13H55-14H00 | 18-5-153 - MORPHOMETRIC ANALYSIS IN CRANIOSYNOSTOSIS RECONSTRUCTION SURGERY BASED ON STRUCTURED LIGHT SCANNING
Santiago Ochandiano (Spain)

**DAY18 - CORNER 6 - HYPERTelorism**

13H15-13H20 | 18-6-154 - PROTECTION OF MEDIAL CANTHAL LIGAMENT ATTACHMENT DURING CORRECTION OF HYPERTelorisms
Zheyuan Yu (China)

13H20-13H25 | 18-6-155 - TESSIER NUMBER 3 FACIAL CLEFT: A CASE REPORT OF A NEW METHOD OF REPAIR AND A REVIEW OF LITERATURE OF AVAILABLE TECHNIQUE
Ahmed Elsherbiny (Saudi Arabia)

13H25-13H30 | 18-6-156 - PAI SYNDROME IN A 4-MONTH-OLD INFANT: RARE LIpOMAS ALONG WITH MIDLINE FACIAL ALVEOLUS CLEFT.
Ichiro Shiokawa (Japan)

13H30-13H35 | 18-6-157 - A NOVEL PROPOSAL: ALGORITHM FOR THE STRATIFICATION AND TREATMENT OF THE HYPERTelorism
Martha Liliana Aguirre Cazares (Mexico)

13H35-13H40 | 18-6-158 - TESSIER 9 LATERAL ORBITOCRANIAL CLEFT: A CLINICAL AND RADIOLOGICAL OVERVIEW OF AN UNDERDIAGNOSED ENTITY.
Christian Amm (United States)

13H40-13H45 | 18-6-159 - CRANIOFACIAL CLEFT: A CASE OF TESSIER 10 CLEFT WITH A NOVEL METHOD TO REPAIR LARGE BILATERAL COLOBOMAS
Joshua M Barnett (United States)
13H45-13H50 | 18-6-160 - INNOVATIVE 3-D PRINTED TITANIUM PLATES WITH INTEGRATED POSITIONING CONFIRMATION PROCESS FOR CORRECTION OF VERTICAL ORBITAL DYSTOPIA
Bradley S. Eisemann (United States)

13H50-13H55 | 18-6-161 - VIRTUAL PLANNING AND DESIGN OF CUTTING AND POSITIONING TEMPLATES FOR FACIAL BIPARTITION: FIRST GLOBAL REPORT
Martha Liliana Aguirre Cazares (Mexico)

13H55-14H00 | 18-6-162 - VARIANT OF FRONTO-ORBITAL ADVANCEMENT BEFORE HYPERTelorISM CORRECTION
Samer Haber (France)

DAY18 - CORNER 7 - ORTHOGNATHIC

13H15-13H20 | 18-7-163 - ANTERIOR TONGUE MICROGLOSSIA: IMPACT ON FACIAL DEVELOPMENT AND PRESENTATION OF TWO CASES
Jordi Puente Espel (United States)

13H20-13H25 | 18-7-164 - A 28 YEAR REVIEW OF AIRWAY MANAGEMENT IN TREACHER COLLINS SYNDROME
Ijeoma Okonkwo (United Kingdom)

13H25-13H30 | 18-7-165 - EXPERIENCE WITH A NEW INTERNAL LE FORT I DISTRACTOR – THE TRANS-NASAL DEVICE
Michael Lypka (United States)

13H30-13H35 | 18-7-166 - ACCURACY OF CUSTOM PRINTED PLATES FOR 2 JAW ORTHOGNATHIC SURGERY:
Robin Yang (United States)

13H35-13H40 | 18-7-167 - THE DENTAL PATHWAY, AND A REVIEW OF THE ORAL HEALTH OF CHILDREN ATTENDING THE NATIONAL PAEDIATRIC CRANIOFACIAL CENTRE IN IRELAND.
Mairéad Kelly (Ireland)

13H40-13H45 | 18-7-168 - VIRTUAL PLANNING SEQUENCE FOR THE TREATMENT OF HEMIHYPERTROPHIA
Shunyao Shen (China)

13H45-13H50 | 18-7-169 - ABLEPHARON MACROSTOMIA: LOWER LID RECONSTRUCTION AND A REVIEW OF THE LITERATURE
Lisa Mansueto (United States)

13H50-13H55 | 18-7-170 - CONGENITAL INFILTRATING LIPOMATOSIS OF THE FACE: STATE OF THE ART AND CASE REPORT
Diana Carolina Gomez Prada (Colombia)
13H55-14H00 | 18-7-171 - SURGICAL APPROACH OF INFANTILE HEMANGIOMAS OF THE NOSE
Marina Vilela Chagas Ferreira (Brazil)

DAY18 - CORNER 8 - HEMIFACIAL MICROsomia/ROBIN

Alice Bowen (Ireland)

13H20-13H25 | 18-8-173 - CRANIAL ANCHORED MANDIBLE DISTRACTION OSTEOGENESIS (CAMO)
Edward P. Buchanan (United States)

13H25-13H30 | 18-8-174 - LIMITATIONS OF DISTRACTION - A CHANCE FOR RECONSTRUCTION
Joern Wittig (Austria)

13H30-13H35 | 18-8-175 - ERROR ANALYSIS OF A SURGERY SIMULANTION SYSTEM FOR UNIDIRECTIONAL MANDIBULAR DISTRACTION OSTEOGENESIS
Xudong Wang (China)

13H35-13H40 | 18-8-176 - MAXILLOFACIAL DEFORMATION IN CONTRALATERAL CONTROL SIDE IN HEMIFACIAL MICROsomia
Reiko Shibazaki-Yorozuya (Japan)

13H40-13H45 | 18-8-177 - PREDICTIVE FACTORS FOR MANAGEMENT OF NEONATES WITH PIERRE ROBIN SEQUENCE
Brian Pan (United States)

13H45-13H50 | 18-8-178 - PROSPECTIVE RANDOMIZED CONTROLLED CLINICAL TRIAL FOR THE TREATMENT OF MASSETER HYPOPLASIA IN HEMIFACIAL MICROsomia
Wenqing Han (China)

13H50-13H55 | 18-8-179 - CURRENT TRENDS IN SURGICAL AIRWAY MANAGEMENT OF NEONATES WITH ROBIN SEQUENCE
Albert K. Oh (United States)

13H55-14H00 | 18-8-180 - ORTHODONTIC ELASTIC TRACTION(ET) ASSISTED THE HEMIFACIAL MICROsomia (HFM) TREATMENT DURING ACTIVATION PERIOD OF DISTRACTION OSTEOGENESIS(DO) FOR HFM
Qiu Xiaohui (China)

DAY18 - CORNER 9 - RESEARCH

13H15-13H20 | 18-9-181 - THE EFFECT OF HAEMOSTATIC AGENTS ON WOUND HEALING IN CROUZON MICE
Peter ANDERSON (Australia)
13H20-13H25 | 18-9-182 - DO MURINE MODELS WITH BOTH FGFR2 AND TWIST MUTATIONS HAVE A WORSE PHENOTYPE?  
Peter ANDERSON (Australia)

13H25-13H30 | 18-9-183 - MULTISUTURAL SYNOSTOSIS AND SEVERE CRANIOFACIAL ASYMMETRY IN HUWE1-SYNDROME  
Irene Mathijssen (Netherlands)

13H30-13H35 | 18-9-184 - NOVEL VARIANT IN FGFR2 RESPONSIBLE OF FAMILIAL SCAPHOCEPHALY  
Federico Di Rocco (France)

13H35-13H40 | 18-9-185 - MUTATION SPECTRUM INCHINESE PATIENTS WITH CRANIOSYNOSTOSIS  
Yingzhi Wu (China)

13H40-13H45 | 18-9-186 - SWEENEY-COX SYNDROME: A CASE REPORT. SURGICAL CONDUCT  
Daniella Nunes Camargo (Brazil)

13H45-13H50 | 18-9-187 - EXOME SEQUENCING IN CRANIOSYNOSTOSIS AT THE NORWEGIAN NATIONAL UNIT FOR CRANIOFACIAL SURGERY  
Elin Tønne (Norway)

13H55-14H00 | 18-9-189 - THE RETENTIVITY OF OSTEOGENIC CAPACITY IN THE PREFABRICATED PERIOSTEOFASCIAL FLAP USING THE VASCULAR TISSUE TRANSFER.  
Inyoung Lee (Republic of Korea)

**DAY18 - CORNER 10 - CRANIOFACIAL TRAUMA**

13H15- 13H20 | 19-11-299 - SPORTS-RELATED INJURIES IN THE PEDIATRIC POPULATION: ANALYSIS OF FACIAL FRACTURE PATTERN AND MANAGEMENT STRATEGIES  
Jordan N. Halsey (United States)

Jordan Halsey (United States)

13H25-13H30 | 18-10-192 - PEDIATRIC FACIAL FRACTURES, CHARACTERISTICS AND PATTERNS IN THE UNITED STATES: A SURVEY OF RECENT TRAUMA QUALITY IMPROVEMENT PROJECT (TQIP) DATA  
Kitae Eric Park (United States)

13H30-13H35 | 18-10-193 - VISUAL PERCEPTION OF ASYMMETRY IN PARRY ROMBERG DISEASE: A PRE- AND POST-SURGICAL EYETRACKING ANALYSIS  
Thanapoom Boonipat (United States)

13H35-13H40 | 19-5-249 - QUANTIFYING NORMAL HEAD FORM AND CRANIOFACIAL ASYMMETRY OF ELEMENTARY SCHOOL STUDENTS IN TAIWAN  
Pangyun Chou (United States)
13H40-13H45 | 18-10-195 - CHALLENGES OF PEDIATRIC NASO ORBITO ETHMOID FRACTURES
Christian El Amm (United States)

13H45-13H50 | 18-10-196 - PATTERNS OF NASOORBITOETHMOID FRACTURES IN THE PEDIATRIC POPULATION
Jordan Halsey (United States)

13H50-13H55 | 18-10-197 - ESTABLISHING A PROTOCOL FOR CLOSED TREATMENT OF MANDIBULAR CONDYLE FRACTURES WITH DYNAMIC ELASTIC THERAPY
George Kamel (United States)

13H55-14H00 | 18-10-198 - PERIORBITAL AND GLOBE INJURIES IN PEDIATRIC ORBITAL FRACTURES: A RETROSPECTIVE REVIEW OF 116 PATIENTS AT A LEVEL 1 TRAUMA CENTER
Jordan N. Halsey (United States)

DAY18 - CORNER 11 - CLEFT LIP PALATE

13H15-13H20 | 18-11-199 - REVISION RATES OF CLEFT LIP AND NASAL DEFORMITIES IN NASOALVEOLAR MOLDING VERSUS LIP ADHESION
Ilana Ickow (United States)

13H20-13H25 | 18-11-200 - SECONDARY CLEFT RHINOPLASTY IN 1720 PATIENTS: ARE NATIONAL PRACTICES CONSISTENT WITH GUIDELINES?
Fouad Chouairi (United States)

13H25-13H30 | 18-11-201 - CONGENITAL MUSCLE HYPOTONIA IS ASSOCIATED WITH PLATYBASIA: A NOVEL PATHOANATOMIC BASIS FOR RECALCITRANT VELOPHARYNGEAL INSUFFICIENCY
Michael R Bykowski (United States)

13H30-13H35 | 18-11-202 - THE CORRELATION BETWEEN SPEECH OUTCOMES AND THE AMOUNT OF MAXILLARY ADVANCEMENT AFTER ORTHOGNATHIC SURGERY IN PATIENTS WITH CLEFT LIP AND PALATE
Jeong Hyun Ha (Republic of Korea)

13H35-13H40 | 18-11-203 - PARAMEDIAN CLEFT OF THE LOWER LIP: A FIRST CASE DESCRIBED IN THE LITERATURE
Julie Chauvel-Picard (France)

13H40-13H45 | 18-11-204 - SECONDARY CORRECTION OF WHISTLING DEFORMITY IN BILATERAL CLEFT LIP; REVISION OF OUR CASES.
Maria Isabel Falguera (Spain)

13H45-13H50 | 18-11-205 - A STUDY TO REVEAL VARIATION OF THE COMMON FACIAL VEIN, INCLUDING ITS RELATION TO IMPORTANT LOCAL STRUCTURES, WITH REGARD TO FACIAL RECONSTRUCTION
Chantal Patel (United Kingdom)
13H50-13H55 | 18-11-206 - PRACTICAL APPLICATION OF AUGMENTED REALITY IN CRANIOFACIAL SURGERY
Christian El Amm (United States)

13H55-14H00 | 18-11-207 - DIFFERENCES IN PHENOTYPES OF CRANIOFRONTONASAL SYNDROME AND FRONTONASAL DYSPLASIA
Fanli Guo (China)

DAY18 - CORNER 12 - CRANIOSYNOSTOSIS/ COGNITIVE

13H15-13H20 | 18-12-208 - EVALUATION OF A PEDIATRIC FACIAL PARALYSIS EDUCATION AND FAMILY SUPPORT DAY
Martina Heinelt (Canada)

13H20-13H25 | 18-12-209 - CHILDREN’S UNDERSTANDING OF THEIR CRANIOFACIAL DIAGNOSES
Ruth Trivelpiece (United States)

13H25-13H30 | 18-12-210 - SENSITIVITY AND SPECIFICITY OF PARENTAL REPORT OF CONCERN FOR IDENTIFYING HEARING AND LANGUAGE DIFFICULTIES IN INFANTS WITH CRANIOFACIAL DIAGNOSES
Sarah Kilcoyne (United Kingdom)

13H30-13H35 | 18-12-211 - THE SENSITIVITY AND SPECIFICITY OF PARENTAL REPORT OF CONCERN FOR IDENTIFYING LANGUAGE DISORDER IN CHILDREN WITH CRANIOFACIAL DIAGNOSES.
Sarah Kilcoyne (United Kingdom)

13H35-13H40 | 18-12-212 - THE IMPACT OF HUMANITARIAN TRANSFERS IN THE TREATMENT OF CRANIOFACIAL DISORDERS
Eva Meia Rüegg (Switzerland)

13H40-13H45 | 17-5-040 - ORBITAL ASYMMETRY IN INFANTS WITH ISOLATED UNI-CORONAL SYNOSTOSIS PRIOR TO SURGERY
Ronak Sandy (Denmark)

13H45-13H50 | 18-12-214 - LARGEST REPORTED ODONTOGENIC MYCOBACTERIUM ABSCESSUS OUTBREAK AND TREATMENT OF A PEDIATRIC PATIENT WITH EXTENSIVE MANDIBULAR OSTEOMYELITIS
Navid Pourtaheri (United States)

13H50-13H55 | 18-12-215 - DIRECT TO SURGERY? SURGICAL OUTCOMES IN PEDIATRIC PATIENTS WITH INFANTILE HEMANGIOMA: A RETROSPECTIVE CASE-CONTROL STUDY
Katherine A Grunzweig (United States)

13H55-14H00 | 18-12-216 - CONTEMPORARY CRANIOFACIAL MANAGEMENT AND OUTCOMES OF FRONTO-ETHMOID ‘IVORY OSTEOMA’
Jonathan Jones (United Kingdom)
Thursday, September 19, 2019
ISCFS CONGRESS – E-POSTERS DAY 19
13H25-14H05 | Poster area

DAY19 - CORNER 1 - NEURO/CRANIOSYNOSTOSIS

Shigeo Kyutoku (Japan)

13H30-13H35 | 19-1-218 - ATLANTOAXIAL ROTATIONAL SUBLUXATION. A RARE COMPLICATION AFTER PEDIATRIC CRANIOFACIAL PROCEDURES. A SINGLE SURGEON'S EXPERIENCE SPANNING 3 DECADES.
Robin Yang (United States)

13H35-13H40 | 19-1-219 - FRONTO-ORBITAL ADVANCEMENT AS A TREATMENT FOR RECURRENT VPS FAILURE
Lucas A. Dvoracek (United States)

13H40-13H45 | 19-1-220 - RELATION BETWEEN INTRACRANIAL STRUCTURAL CHANGE AND DEVELOPMENTAL OUTCOMES AFTER DISTRACTION METHOD FOR BI-CORONAL SYNOSTOSIS
Mihoko Kato (Japan)

13H45-13H50 | 19-1-221 - SERIAL VISUAL EVOKED POTENTIALS FOR ASSESSMENT OF VISUAL FUNCTION IN CRANIOSYNOSTOSIS
Mostafa Mamdoh Haredy (United States)

13H50-13H55 | 19-1-222 - ANALYSIS OF ADVERSE POSTOPERATIVE OUTCOMES AFTER CRANIOSYNOSTOSIS SURGERY
Ali Ayyash (United States)

13H55-14H00 | 19-1-223 - ABNORMAL COAGULATION AFTER CRANIOSYNOSTOSIS SURGERY
Dominic Nielsen (United Kingdom)

14H00-14H05 | 19-1-224 - LONG TERM QUALITY OF LIFE AND COMPLICATIONS WITH SYNDROMIC CRANIOSYNOSTOSIS
Reina Kitabata (Japan)
DAY19 - CORNER 2 - SYNDROMIC CRANIOSYNOSTOSIS

13H30-13H35 | 18-3-130 - BEYOND VIRCHOW: UNDERSTANDING THE GROWTH VECTORS OF ISOLATED SAGITTAL SYNOSTOSIS IN INFANTS
Ezgi Mercan (United States)

13H35-13H40 | 19-2-227 - THE MIDFACE REVISITED: OUTCOMES OF INTRACRANIAL VERSUS SUBCRANIAL APPROACHES TO THE FRONTOFACIAL SKELETON
Naikhoba C.O. Munabi (United States)

13H40-13H45 | 19-2-228 - IS IT SAFE TO USE FRONTO-FACIAL MONOBLOC ADVANCEMENT AND CUTTING GUIDES ON ADULT PATIENTS WITH A CROUZON SYNDROME?
Boris Laure (France)

13H45-13H50 | S8A-01 - THE CC-UK: DEVELOPMENTAL OUTCOMES IN CHILDREN WITH METOPIC CRANIOSYNOSTOSIS AT 7 AND 10 YEARS OF AGE
Louise Dalton (United Kingdom)

13H50-13H55 | 19-2-230 - IN SITU UNILATERAL REMODELING OF SUPRA ORBITAL BAR BY INCOMPLETE OSTEOTOMY IN UNILATERAL SAGITTAL SYNOSTOSIS
J. Saboye (Toulouse)

13H55-14H00 | 19-2-231 - FACTORS OF DECANNULATION AFTER LE FORT III DISTRACTION FOR SEVERE SYNDROMIC CRANIOSYNOSTOSIS WITH TRACHEOSTOMY
Koji Kawamoto (Japan)

14H00-14H05 | 19-2-232 - PREMATURE AGING IN CRANIOFACIAL DYSOSTOSES ASSOCIATED WITH FGFR2 GENE MUTATIONS
Erin Wolfe (United States)

14H05-14H10 | S4A-18 - SING AND SAY: AN INTERACTIVE WEB-BASED RESOURCE OF LANGUAGE STIMULATION RESOURCES FOR CHILDREN WITH CRANIOSYNOSTOSIS
Sarah Kilcoyne (United Kingdom)

DAY19 - CORNER 3 - CRANIOSYNOSTOSIS/METOPIC

13H25-13H30 | 19-3-233 - METOPIC SYNOSTOSIS: PRE AND POST-OPERATIVE EVALUATION OF CRANIOFACIAL DEFORMITY
Hamilton Matushita (Brazil)

13H30-13H35 | 19-3-234 - WHAT CRANIOMETRIC MEASURE BEST DEFINES METOPIC SYNOSTOSIS?
Amer H Nassar (United States)
13H35-13H40 | 19-3-235 - HOW MUCH ORBITOFRONTAL DIFFERENCE ATTRACTION ATTENTION? USING EYE-TRACKING AS A PROXY FOR PERCEPTION OF DEFORMITY DUE TO METOPIC CRANIOSYNOSTOSIS
Mark P Pressler (United States)

13H40-13H45 | 19-3-236 - ASYMMETRIC CRANIECTOMY VERSUS VASCULARIZED PERICRANIAL FLAP IN PREVENTING PERSISTENT CRANIAL DEFECTS AFTER SAGITTAL CRANIECTOMY
C Corbett Wilkinson (United States)

13H45-13H50 | 19-3-240 - THE METOPIC HINGE: A TECHNIQUE FOR ANTERIOR VAULT REMODELING IN METOPIC CRANIOSYNOSTOSIS
Robin Yang (United States)

13H50-13H55 | 19-3-241 - THE CC-UK: DEVELOPMENTAL OUTCOMES IN CHILDREN WITH METOPIC CRANIOSYNOSTOSIS AT 7 AND 10 YEARS OF AGE
Louise Dalton (United Kingdom)

13H55-14H00 | 19-3-242 - THE OBSERVATION OF THE SPHENOID GREATER WING OF TRIGONOCEPHALY PATIENTS WITH COMPUTED TOMOGRAPHIC
Chenbin Dong (China)

14H00-14H05 | 19-3-243 - GENERATING FICTIVE TRIGONOCEPHALY DATA USING A GENERATIVE ADVERSARIAL NETWORK TO PRODUCE DATA TO TRAIN DEEP LEARNING ALGORITHMS
Andrea Sterkenburg (Netherlands)

DAY19 - CORNER 4 - CRANIOSYNOSTOSIS/MISCCELLEANOUS

13H25-13H30 | 19-4-241 - ANAESTHESIA FOR CRANIOPAGUS CONJOINED TWINS - LESSONS LEARNED FROM SUCCESSFUL SEPARATION OF 3 SETS IN A SINGLE CENTRE
David Dunaway and Owase Jeelani (United Kingdom)

13H30-13H35 | 19-4-242 - NASAL RECONSTRUCTION USING A CUSTOMIZED THREE-DIMENSIONAL–PRINTED STENT FOR CONGENITAL ARHINIA
Dong Yeon Kim (Republic of Korea)

13H35-13H40 | 19-4-243 - SURGICAL NEONATAL TREATMENT OF CONGENITAL NASAL PYRIFORM APERTURE STENOSIS (CNPAS): PRESENTATION OF TWO CASES
Dov Charles Goldenberg (Brazil)

13H40-13H45 | 19-4-244 - PREDICTING BLOOD PRODUCT TRANSFUSION IN CRANIOFACIAL SURGERY PATIENTS USING MACHINE LEARNING BASED ON THE PEDIATRIC CRANIOFACIAL COLLABORATIVE GROUP
Allison Fernandez (United States)
13H45-13H50 | 19-4-245 | EFFECTIVE INTERDISCIPLINARY MANAGEMENT OF CHRONIC OBSTRUCTIVE NASOPHARYNGEAL STENOSIS (NPS): A CASE STUDY
Colin Brady (United States)

13H50-13H55 | 19-4-246 | THE BRACHIOCEPHALIC APPROACH FOR CENTRAL VENOUS CATHETERS PLACEMENT IN PEDIATRIC CRANIOFACIAL SURGERY
Valentina Caverni (Italy)

13H55-14H00 | 19-4-247 | THE EFFICACY OF TRANEXAMIC ACID IN REDUCING BLOOD LOSS AND TRANSFUSION REQUIREMENTS IN CRANIOSYNOSTOSIS SURGERY - A LARGE SCALE COHORT STUDY
Alistair Varidel (Australia)

14H00-14H05 | 19-4-248 | TREATMENT STRATEGY FOR CRANIOSYNOSTOSIS - SELECTION OF CONVENTIONAL CRANIOPLASTY, SUTURECTOMY OR DISTRACTION OSTEOGENESIS
Takuya Akai (Japan)

DAY 19 - CORNER 5 - IMAGING/PLANNING

13H25-13H30 | S12-05 | FRONTO-FACIAL MONOBLOC ADVANCEMENT WITH INTERNAL DISTRACTION IN CROUZON SYNDROME: LONG-TERM EFFECTS OF MOLAR DEVELOPMENT AND GROWTH
Roman Hossein Khonsari (France)

13H30-13H35 | 19-5-250 | BLACK BONE MRI IS AS ACCURATE AS CT SCANS IN VIRTUAL SURGICAL PLANNING FOR FIBULA FLAP MANDIBULAR RECONSTRUCTION: A MEANS TO REDUCE RADIATION EXPOSURE
Waleed Gibreel (United States)

13H35-13H40 | 19-5-251 | COMPARISON OF 3D RECONSTRUCTED MR IMAGES WITH CT: PROOF OF CONCEPT
Kamlesh B Patel (United States)

13H40-13H45 | 19-5-252 | A 3D MORPHABLE HEAD MODEL FOR APERT AND CROUZON SYNDROME
Eimear O’ Sullivan (United Kingdom)

13H45-13H50 | 19-5-253 | VIRTUAL 3D PLANNING OF OSTEOTOMIES FOR CRANIOFACIAL SURGERIES
Boris Laure (France)

13H50-13H55 | 19-5-254 | PREOPERATIVE PLANNING USING THREE-DIMENSIONAL SIMULATION FOR CRANIO-MAXILLOFACIAL SURGERY
Takayuki Okumoto (Japan)

13H55-14H00 | 19-5-255 | THE ROLE OF 3D-PRINTING CRANIOFACIAL MODEL SIMULATION IN CONGENITAL CRANIOFACIAL SURGERY
Guan-ting Shen (Taiwan)
14H00-14H05 | 19-5-256 - 3D PRINTED MODELS VS. VIRTUAL SURGERY SIMULATION IN CRANIOFACIAL SURGERY EDUCATION
Christian El Amm (United States)

DAY 19 - CORNER 6 - CRANIOPLASTY

13H30-13H35 | 19-6-258 - SPLIT CALVARIAL GRAFT FOR RECONSTRUCTION OF FULL THICKNESS CALVARIAL DEFECTS
Rajiv Agarwal (India)

13H35-13H40 | 17-12-101 - MANDIBULAR RECONSTRUCTION USING DOUBLE STEP DISTRACTION OSTEOGENESIS IN SEVERE BILATERAL MANDIBULAR RAMUS HYPOPLASIA
Sofia De Stefano (Argentina)

13H40-13H45 | 19-6-260 - THE UTILITY OF PARTICULATE BONE GRAFT CRANIOPLASTY FOR PRIMARY CRANIAL VAULT EXPANSION
Anthony Azzolini (United States)

13H45-13H50 | 19-6-261 - ADULT CRANIOPLASTY RECONSTRUCTION WITH CUSTOMIZED CRANIAL IMPLANTS: DOES RADIATION THERAPY AFFECT OUTCOMES?
Kerry-Ann Mitchell, MD, PhD (United States)

13H50-13H55 | 19-6-262 - REPAIR OF CRANIAL BONE DEFECTS IN CHILDREN USING SYNTHETIC HYDROXYAPATITE CRANIOPLASTY (CUSTOMBONE®)
Pierre-Aurélien Beuriat (France)

13H55-14H00 | 19-6-263 - USE OF CUSTOM-MADE TITANIUM THREE-DIMENSIONAL IMPLANTS FOR A FRONTO-ORBITO-ZYGOMATIC RECONSTRUCTION IN RARE FACIAL CLEFTS: THE FIRST CASE REPORT
Julie CHAUVEL-PICARD (France)

14H00-14H05 | 19-6-264 - CRANIOPLASTY CRIPPLES & MICROSURGICAL RECONSTRUCTION
Nikolaos Maltzaris (Greece)

DAY 19 - CORNER 7 - CRANIOFACIAL AESTHETICS

13H25-13H30 | 19-7-265 - AESTHETIC GENIOPLASTY BASED ON STRATEGIC CATEGORIZATION
Chang Heon Hwang (Republic of Korea)

13H35-13H40 | 19-7-267 - DISCOVERING THE TRUE RESOLUTION OF POSTOPERATIVE SWELLING AFTER RHINOPLASTY USING 3-DIMENSIONAL PHOTOGRAPHIC ASSESSMENT
Jillian Schreiber (United States)

13H45-13H50 | 19-7-268 - INTEGRATING 3D-PRINTED MODELS FOR SOFT TISSUE APPLICATIONS IN CRANIOFACIAL SURGERY
Jillian Schreiber (United States)

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13H55-14H00 | 19-7-271 - TEMPORAL FAT GRAFTING IN CHILDREN WITH CRANIOFACIAL ANOMALIES
Artur Fahradyan (United States)

14H00-14H05 | 19-7-272 - AUTOLOGOUS FAT GRAFT FOR CORRECTION OF FACIAL ASYMMETRY IN PEDIATRIC PATIENTS WITH PARRY-ROMBERG SYNDROME
Yorikatsu Watanabe (Japan)

DAY19 - CORNER 8 - CRANIOSYNOSTOSIS/MISCELLEANOUS

13H25-13H30 | 19-8-273 - INTRACRANIAL VOLUME IN PATIENTS WITH SHUNT-RELATED CRANIOSYNOSTOSIS
Esperanza Mantilla-Rivas (United States)

13H30-13H35 | 19-8-274 - INCIDENTAL DIAGNOSIS OF CRANIOSYNOSTOSIS AT THE ER: SERIES OF 331 PATIENTS.
Monica Manrique (United States)

13H35-13H40 | 19-8-275 - ASSOCIATION OF CRANIOSYNOSTOSIS WITH CHARGE SYNDROME
Allyson Laura Alexander (United States)

13H40-13H45 | 19-8-276 - REVERSIBLE ABDUCENS NERVE PALSY DURING CRANIAL VAULT DISTRACTION IN THE SETTING OF MULTISUTURE CRANIOSYNOSTOSIS
Patrick A Gerety (United States)

13H45-13H50 | 19-8-277 - DYNAMIC OSTEOTOMIES WITH EXPANDING SPRINGS FOR CRANIOESTENOSIS BY TRANSPLANTED OSTEOPETROSIS
Georgia maria de carvalho Peres (Brazil)

13H50-13H55 | 19-8-278 - OPTICAL COHERENT TOMOGRAPHY AND TRANSORBITAL ULTRASOUND IN PATIENTS WITH CRANIOSYNOSTOSIS. ARE THEY USEFUL TOOLS TO ASSESS INTRACRANIAL HIPERTENSION?
Hector Malagon (Mexico)

13H55-14H00 | 19-8-279 - THE IMPORTANCE OF CLOSE NURSE FOLLOW UP DURING TREATMENT WITH CRANIOREMODELING ORTHOSIS FOR CRANIOSYNOSTOSIS
Tove Rambøl (Norway)

14H00-14H05 | 19-8-280 - APERT SYNDROME MANAGEMENT: ROLE OF POSTERIOR DISTRACTION AND MONOBLOC FACIAL BIPARTITION DISTRACTION
Yuri Moresco de Oliveira (Brazil)
DAY 19 - CORNER 9 - CRANIOFACIAL RECONSTRUCTION

13H35-13H40 | 19-9-283 - NOTHING CAN STOP THE PEDIATRIC NEUROSURGEON : HOW TO MANAGE FRONTO-ORBITAL ADVANCEMENT WITHOUT BIOABSORBABLE PLATES
Tatiana Protzenko (Brazil)

13H40-13H45 | 19-9-284 - HISTORY RECALL, TYPICAL WORLD WAR I INJURIES IN THE EGYPTIAN REVOLUTION 2011
Tarek Elbanoby (Egypt)

13H45-13H50 | 19-9-285 - SQUAMOSAL SUTURE SYNOSTOSIS: ITS ASSOCIATIONS AND CLINICAL SIGNIFICANCE
Wendy Chen (United States)

13H50-13H55 | 19-9-286 - NEURAL CORRELATES OF CHILDHOOD LANGUAGE DISORDER IN CHILDREN WITH CRANIOSYNOSTOSIS: A SYSTEMATIC REVIEW.
Sarah Kilcoyne (United Kingdom)

13H55-14H00 | 19-9-287 - RELATIONSHIP OF MANDIBULAR MORPHOLOGY TO EXTERNAL EAR VOLUME IN TREACHER-COLLINS SYNDROME
Xiaoyang Ma (China)

14H00-14H05 | 18-10-191 - AN ANALYSIS OF PLATE FORM DISTORTION AFTER GRAFTING: CASES OF ORBITAL WALL FRACTURE
Michiko Fukuba (Japan)

DAY 19 - CORNER 10 - CRANIOFACIAL TRAUMA

13H25-13H30 | 19-10-289 - SKULL AND FACIAL FRACTURES RELATED TO DOG BITES AMONG CHILDREN: A CASE-CONTROL STUDY OF 60 FRACTURES
Michael R Bykowski (United States)

13H30-13H35 | 19-10-290 - ORBITAL RECONSTRUCTION IN ADULT AND PEDIATRIC CRANIOFACIAL TRAUMA AND CONSERVATIVE MANAGEMENT OF THE ORBITAL WALLS
Joseph Michienzi (United States)

13H35-13H40 | 19-10-291 - THE FUNCTIONAL OUTCOME OF MANDIBULAR CONDYLAR HEAD FRACTURES
Bo-Ru Lai (Taiwan)

13H40-13H45 | 19-10-292 - AESTHETIC OUTCOME OF PRIMARY RHINOPLASTY OF SADDLE NOSE DEFORMITY IN NASO-ORBITAL ETHMOIDAL FRACTURES IN ASIAN PATIENTS
Dr Yu-Ying Chu (Taiwan)
13H45-13H50 | S5A-06 - EXPLORING CHARACTERISTICS OF AUTISM SPECTRUM DISORDERS AND CRANIOSYNOSTOSIS. DATA FROM THE FOUR UK HIGHLY-SPECIALIST CRANIOFACIAL CENTRES
Louise Dalton (United Kingdom)

13H50-13H55 | 19-10-294 - THE ORBITAL INDEX: A NOVEL RISK STRATIFICATION SYSTEM FOR PREDICTING LATE ENOPHTHALMOS IN ORBITAL FLOOR FRACTURE MANAGEMENT
Brandon J De Ruiter (United States)

13H55- 14H00 | 19-10-295 - THE APPLICATION RESEARCH OF TREATMENT ON OLD POST-TRAUMATIC ENOPHTHALMOS WITH CUSTOMIZED MEDPOR BASED ON DIGITAL TECHNOLOGY
Feng Niu (China)

14H00-14H05 | 17-10-090 - USING THE SUBMENTAL FLAP FOR RECONSTRUCTION OF TRAUMATIC FACIAL DEFECTS-A CASE SERIES STUDY
Meysam Mohammadi Khah (Iran, Islamic Republic Of)

DAY19 - CORNER 11 - AESTHETICS

13H25- 13H30 | 19-11-297 - FINITE ELEMENTAL BIOMECHANICAL SIMULATED ANALYSIS OF THE NASOLABIAL FOLD.
Xiaona Lu (China)

13H30- 13H35 | 19-11-298 - A NOVEL METHOD OF CORRECTING LOWER FACIAL SYMMETRY: COMPUTER-ASSISTED SURGERY WITH MANDIBULAR OUTER CORTEX “SANDWICH” GRAFTING
Guoping Wu (China)

13H35-13H40 | 18-10-190 - TRANSCONJUNCTIVAL INCISION FOR ORBITAL FRACTURES REPAIR. INCIDENCE OF COMPLICATIONS AND RECOMMENDATIONS TO AVOID THEM IN A MEDICAL CENTRE IN MÉXICO
Eugenio García-Cano (Mexico)

13H40- 13H45 | 19-11-300 - INTRAOPERATIVE 3-DIMENSIONAL RECONSTRUCTIVE SCANS ARE USEFUL FOR FACIAL FRACTURE TREATMENT IN HYBRID OPERATION ROOM.
Yuta Terabe (Japan)

13H45- 13H50 | 19-11-301 - ANTHROPOMETRIC STUDY OF HUMAN EAR: A BASELINE DATA FOR FIRST STAGE MICROTIA RECONSTRUCTION
Indri Lakhsmi Putri (Indonesia)

13H50- 13H55 | 19-11-302 - NASAL ANTHROPOMETRY ON FACIAL COMPUTED TOMOGRAPHY SCANS FOR RHINOPLASTY IN ASIANS
In Suck Suh (Korea, Republic Of)

13H55- 14H00 | 19-11-303 - OSSEOUS TRANSFORMATION WITH FACIAL FEMINIZATION SURGERY: IMPROVED ANATOMIC ACCURACY WITH VIRTUAL PLANNING
James Paul Bradley (United States)
14H00- 14H05 | 19-11-304 - AUTOLOGOUS FAT: CORRECTION OF SECONDARY DEFORMITIES DUE TO CRANIOSYNOSTOSIS
Bryant A Toth (United States)

DAY19 - CORNER 12 - CRANIOSYNOSTOSIS/MISCHELLEANOUS

13H25-13H30 | 19-12-305 - USE OF NOVEL TECHNOLOGIES IN THE ANALYSIS, PLANNING AND SURGERY FOR CRANIOPAGUS TWINS. PAST, PRESENT AND FUTURE.
Juling Ong (United Kingdom)

13H30-13H35 | 19-12-306 - APPLICATION OF AUGMENTED REALITY FOR THE POSITIONING OF RECONSTRUCTED EAR
Takashi Nuri (Japan)

13H35-13H40 | 19-12-307 - EVALUATION OF CLINICAL OUTCOMES OF 3D PRINTING GUIDES COMBINE WITH NAVIGATION TECHNIQUE IN REDUCTION OF ZYGOMATICO-ORBITAL-MAXILLARY COMPLEX FRACTURES
Zin Mar Aung (China)

13H40-13H45 | 19-12-308 - MODIFIED TECHNIQUE FOR ELEVATION OF EAR FRAME IN MICROCTIA RECONSTRUCTION USING SPLIT THICKNESS COSTAL CARTILAGE GRAFT
Indri Lakhsmi Putri (Indonesia)

13H45-13H50 | 19-12-309 - COMPARISON OF BLACK-BONE MRI AND 3D-CT IN THE PREOPERATIVE EVALUATION OF PATIENTS WITH CRANIOSYNOSTOSIS
Anne Saarikko (Finland)

13H50-13H55 | 19-12-310 - CROUZON WITH ACANTHOSIS NIGRICANS: A RARE VARIANT OF CROUZON SYNDROME DUE TO FGFR3 MUTATIONS - FUNDAMENTAL AND CLINICAL APPROACHES
Roman Hossein Khonsari (France)

13H55-14H00 | 19-12-311 - IMPROVEMENT OF PERIORBITAL APPEARANCE IN APERT SYNDROME AFTER SUBCRANIAL LE FORT III WITH BIPARTITION AND DISTRACTION
V. Chetty (South Africa)

14H00-14H05 | 19-12-312 - THE USE OF A TENDON PULLEY TO ACHIEVE A MULTI-VECTOR LINE OF PULL IN LENGTHENING TEMPORALIS MYOPLASTY: A NEW TECHNIQUE TO OPTIMIZE THE SMILE
Waleed Gibreel (United States)