

CP01 ORTHODONTIC TREATMENT OF AN EXTRACTION CASE WITH CLEAR ALIGNERS: A CASE REPORT

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CP02 AN AUDIT TO ASSESS THE QUALITY AND EFFECTIVENESS OF MULTIDISCIPLINARY HYPODONTIA CLINICS

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CP03 THREE-DIMENSIONAL CHANGES IN OROPHARYNGEAL AIRWAY SPACE AFTER TREATMENT WITH A PREFABRICATED MYOFUNCTIONAL APPLIANCE

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CP04 MINISCREW ANCHORAGE FOR MESIALIZATION OF THE MANDIBULAR SECOND MOLAR INTO THE FIRST MOLAR EXTRACTION SITE: CASE REPORT

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CP05 THE USE OF A TONGUE FLAP TO CLOSE A CLEFT PALATE – CLINICAL CASE

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CP06 TREATMENT OF CROWDING USING SELF-LIGATING BRACKETS: A CASE REPORT

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CP07 THREE CLINICAL CASES SHOWING AESTHETICS AFTER BIMAXILLARY SURGERY ON SKELETAL CLASS II PATIENTS

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CP08 THE LIMITS TO ORTHODONTIC TOOTH MOVEMENTS

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CP09 EARLY TREATMENT OF CLASS III MALOCCLUSION WITH MODIFIED FRÄNKEL APPLIANCE – A THREE-DIMENSIONAL FOLLOW-UP EVALUATION

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CP10 ORTHODONTIC TREATMENT OF A LATE ADOLESCENT SKELETAL CLASS II DEEP BITE PATIENT: A CASE REPORT

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CP11 TREATMENT OF A PATIENT WITH A SKELETAL CLASS III MALOCCLUSION USING ALTERNATE RAPID MAXILLARY EXPANSIONS AND CONSTRICTIONS FOLLOWED BY A FACEMASK

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CP12 EARLY TREATMENT OF MAXILLARY CANINE IMPACTION BY EXTRACTION OF THE PRIMARY CANINE: A CASE REPORT

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CP13 TREATMENT OF AN ANKYLOSED MAXILLARY CENTRAL INCISOR BY SINGLE TOOTH DENTO-OSSEOS OSTEOTOMY: A CASE REPORT

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CP14 IMPROVED SUPERELASTIC WIRE FOR TREATMENT OF A CLASS II MALOCCLUSION PATIENT WITH ADVANCED PERIODONTAL DISEASE

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CP15 NON-EXTRACTION TREATMENT OF A CLASS III MALOCCLUSION WITH ANTERIOR CROSSBITE – A CASE REPORT

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CP16 LATERAL CEPHALOMETRIC ANALYSIS OF HUMAN SKULLS WITH THE USE OF MAGNETIC RESONANCE IMAGING: A PILOT *IN VITRO* STUDY

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CP17 TREATMENT OF A CLASS I MALOCCLUSION WITH SEVERE CROWDING AND THREE LOWER INCISORS – A CASE REPORT

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CP18 MANAGEMENT OF AESTHETIC PROBLEMS AFTER ALVEOLAR BONE DISTRACTION OSTEOGENESIS IN ADOLESCENTS

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CP19 EFFECTIVE USE OF TEMPORARY ANCHORAGE DEVICES IN THE TREATMENT OF A PATIENT WITH A CLASS III MALOCCLUSION AND A SEVERE ANTERIOR OPEN BITE: CASE REPORT

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CP20 REPOSITIONING OF THE REMAINING ROOT OF HEMISECTIONED LOWER FIRST MOLARS: TWO CASES

**Hasan Cınarcık**<sup>1</sup>, Nejat Nizam<sup>2</sup>, Muharrem Erhan Comlekoglu<sup>3</sup>, Enver Yetkiner<sup>1</sup>, Departments of <sup>1</sup>Orthodontics, <sup>2</sup>Periodontology and <sup>3</sup>Prosthodontics, Ege University Faculty of Dentistry, Izmir, Turkey

CP21 PRACTICE AND MALPRACTICE IN FORCING THE ALVEOLAR ENVELOPE: WHERE IS THE LIMIT?

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CP22 ORTHODONTIC APPLIANCES AND SURGICALLY ASSISTED ORTHODONTIC TOOTH MOVEMENT, A KEY AND A POWERFUL MIX IN OBTAINING TREATMENT GOALS

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CP23 TOOTH WEAR DUE TO INTERFERENCE WITH ORTHODONTIC BRACES

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CP24 OSTEODISTRACTION IN THE TREATMENT OF CLEFT LIP AND PALATE

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CP25 ABSOLUTE ANCHORAGE TURNS REAL: MINISCREW SUPPORTED ORTHODONTIC PSEUDO-ANKYLOSIS

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CP26 PRE-SURGICAL NASOALVEOLAR MOULDING IN AN INFANT WITH A CLEFT LIP AND PALATE

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CP27 MAXILLARY DISTRACTION IN A PATIENT WITH RIEGER SYNDROME

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CP28 MAXILLARY EXPANSION OF UNILATERAL POSTERIOR CROSSBITE CASES: EVALUATION OF APPLICATION ACTIVITY WITH FINITE ELEMENT STRESS ANALYSIS

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CP29 MESIAL ORTHODONTIC MOVEMENT OF MOLARS AFTER EXTRACTION OF LOWER FIRST PERMANENT MOLAR

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CP30 SPECIAL NEEDS AND ORTHODONTICS: A CASE REPORT OF THE ORTHODONTIC TREATMENT OF A CHILD WITH CEREBRAL PALSY

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CP31 THE EFFECTS OF A STABILIZATION APPLIANCE ON TREATMENT PLANNING OF A PATIENT WITH TEMPOROMANDIBULAR DISORDER

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CP32 A NEW CONCEPT OF MANDIBULAR PROGNATHISM TREATMENT WITH MODIFIED FR-3

**Franc Farcnik**, Orthos, Ljubljana, Slovenia

CP33 HISTOLOGICAL MIDPALATAL SUTURE CHANGES AFTER RAPID MAXILLARY EXPANSION IN GROWING SUBJECTS

**Rosamaria Fastuca**<sup>1</sup>, Piero Antonio Zecca<sup>2</sup>, Matteo Beretta<sup>3</sup>, Aldo Macchi<sup>2</sup>, Alberto Caprioglio<sup>2</sup>, <sup>1</sup>University of Messina, <sup>2</sup>University of Insubria, Varese and <sup>3</sup>Private Practice, Varese, Italy

CP34 ORTHODONTIC TREATMENT APPROACH AFTER DENTAL TRAUMA TO THE UPPER ANTERIOR TEETH: A CASE SERIES

**Sofie Fivez**, Maria Cadenas de Llano Pérula, Guy Willems, KU Leuven, Belgium

CP35 TRACTION OF AN IMPACTED MAXILLARY CENTRAL INCISOR

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CP36 TREATMENT OF ADULTS WITH HIGH-ANGLE CLASS I AND II AND CLASS III OPEN BITE USING MINISCREWS AND MAXILLARY SKELETAL EXPANDER

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CP37 MANDIBULAR GROWTH OF CLASS II DIVISION 1 WITH SEVERE OVERBITE TREATED BY OCCIPITAL HEADGEAR AND THREE-PIECE BASE ARCH MECHANICS

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CP38 TREATMENT OF MANDIBULAR MIDLINE ASYMMETRY WITH MANDIBULAR SURGERY AND SURGICALLY ASSISTED MAXILLARY EXPANSION WITH THE DRESDEN DISTRACTOR: A CASE REPORT

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CP39 ERUPTION OF A PALATALLY IMPACTED CANINE WITH A FISH ROD SPRING: A CASE REPORT WITH A NEW METHOD

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CP40 ORTHOPAEDIC-ORTHODONTIC TREATMENT OF AN ANGLE CLASS II MALOCCLUSION WITH AN ANTERIOR OPEN-BITE: CASE REPORT

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CP41 CONE-BEAM COMPUTERIZED TOMOGRAPHY ASSESSMENT OF BUCCAL BONE AFTER CONSECUTIVELY MAXILLARY EXPANSIONS AND CONSTRICTIONS: A PRELIMINARY CLINICAL STUDY

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CP42 BILATERAL MANDIBULAR DISTRACTION OSTEOGENESIS TREATMENT OF A SKELETAL CLASS II MALOCCLUSION: A CASE REPORT

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CP43 SEVERE FACIAL ASYMMETRY DUE TO UNILATERAL CONDYLAR OVERGROWTH: A CASE REPORT

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CP44 BONE REGENERATION BY ORTHODONTIC TOOTH MOVEMENT– A 4-YEAR FOLLOW-UP OF A CASE WITH CONE-BEAM COMPUTED TOMOGRAPHY

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CP45 SURGICALLY ASSISTED ORTHODONTIC PROCEDURES FOR IMPROVED CLINICAL EFFICIENCY

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- CP47 INTRUSION OF POSTERIOR TEETH USING TITANIUM MINIPLATE ANCHORAGE ASSISTED BY A MODIFIED BONDED HYRAX: A CASE REPORT  
**Gulcin Inal Kalkan**, Serdar Toroglu, Department of Orthodontics, Cukurova University Faculty of Dentistry, Adana, Turkey
- CP48 EFFECTS OF RAPID MAXILLARY EXPANSION WITH TWO PALATAL MINISCREWS IN A PREADOLESCENT PATIENT: CASE REPORT  
**Özlem Ince**, Ridvan Okşayan, İlhan Metin Dağsuyu, Fatih Kahraman, Department of Orthodontics, Eskişehir Osmangazi University Faculty of Dentistry, Turkey
- CP49 CASE PRESENTATION OF THE 39TH POSTGRADUATE ORTHODONTIC COURSE IN TOKYO DENTAL COLLEGE  
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- CP50 MULTIDISCIPLINARY APPROACH FOR A PATIENT WITH A UNILATERAL CLEFT LIP AND PALATE  
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- CP51 IMPACTED CANINES AND ORTHODONTIC TREATMENT – CASE REPORTS  
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**Katrien Jaeken**, Joseph Schoenaerts, Titiaan Dormaar, Maria Cadenas de Llano Pérula, Anna Verdonck, Katholieke universiteit Leuven, Belgium
- CP53 PREDICTION OF PERMANENT CANINE AND PREMOLAR WIDTH USING A NEW ANALYSIS WITH CALIBRATED DIGITAL DENTAL PANTOMOGRAM – PILOT STUDY  
**Drazen Jokic**, Martina Slaj, Marina Lapter Varga, Mladen Slaj, Department of Orthodontic, School of Dental Medicine, University of Zagreb, Croatia
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**Banu Kahraman**, Ridvan Okşayan, İlhan Metin Dağsuyu, Fatih Kahraman, Department of Orthodontics, Eskişehir Osmangazi University Faculty of Dentistry, Eskişehir, Turkey
- CP55 SHORT-TERM TREATMENT OUTCOME OF A CLASS II MALOCCLUSION PATIENT WITH OVERGROWN ADENOIDS  
Il Hyun Kang<sup>1</sup>, Ah Hyeon Kim<sup>2</sup>, **Youn Soo Shim**<sup>3</sup>, So Youn An<sup>4</sup>, <sup>1</sup>Yonsei Hyun Hospital, Seoul, <sup>2</sup>Department of Preventive and Public Health Dentistry, Gangneung-Wonju National University, Gangneung, <sup>3</sup>Department of Dental Hygiene, Sunmoon University, Cheonan and <sup>4</sup>Pediatric dentistry, Wonkwang University, Daejeon, Korea, South
- CP56 SINGLE TOOTH DENTO-OSSEOUS OSTEOTOMY AND CORTICOTOMY WITH A CAD/CAM SURGICAL GUIDE FOR SURGICAL ORTHODONTIC TOOTH MOVEMENT OF AN ANKYLOSED TOOTH  
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CP57 ECTOPIC ERUPTION OF CENTRAL INCISORS. USE OF CONE BEAM COMPUTED TOMOGRAPHY IN DIAGNOSIS AND TREATMENT PLANNING

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CP58 TEMPORARY ANCHORAGE DEVICES: BIOMECHANICAL FACILITATORS IN ORTHODONTICS

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CP59 ALVEOLAR CLEFT REPAIR BY UNILATERAL TRANSPORT DISTRACTION OSTEOGENESIS: A CASE REPORT

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CP60 A HYBRID CANINE DISTALIZATION APPLIANCE: A CASE REPORT

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CP61 EVALUATION OF FIXED SLOW MAXILLARY EXPANSION IN YOUNG ADULTS USING CONE-BEAM COMPUTED TOMOGRAPHY

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CP62 THE CHALLENGE OF ALIGNING A DEEP PALATAL IMPACTED MAXILLARY CANINE WITH SURGICAL EXPOSURE IN A PATIENT WITH LATERAL INCISOR HYPODONTIA

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CP63 IMPLEMENTATION OF ALTERNATE RAPID MAXILLARY EXPANSION AND CONSTRICTION PROCEDURES IN A SKELETAL III MALOCCLUSION BASED ON MAXILLARY RETROGNATHIA

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CP64 MULTIDISCIPLINARY TREATMENT OF A PATIENT WITH TWO MESIODENS: A CASE REPORT

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CP65 IMPORTANCE OF EARLY DIAGNOSIS IN A GENETIC SKELETAL CLASS III-CIRCULAR OPEN BITE: A CASE REPORT

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CP66 CARDIOVASCULAR DISORDERS AND ORTHODONTIC PROCEDURES

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CP67 NON-SURGICAL TREATMENT OF SKELETAL OPEN BITES WITH THE USE OF MINIPLATES

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CP68 EVIDENCE-BASED AETIOLOGY OF SUPERNUMERARY TEETH: REPORT OF TWO FAMILIES WITH AFFECTED FAMILY MEMBERS

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CP69 THREE-DIMENSIONAL EVALUATION OF CLASS III TREATMENT OF A 6 YEAR OLD BOY WITH THE FRÄNKEL FUNCTION REGULATOR III MODIFIED APPLIANCE

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CP70 TREATMENT OF UNILATERAL FUNCTIONAL POSTERIOR CROSSBITE – A LONG-TERM FOLLOW-UP

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CP71 CAMOUFLAGE ORTHODONTIC TREATMENT OF SKELETAL CLASS III WITH AN IMPACTED CANINE AND TWO MISSING FIRST MOLARS USING THREE-DIMENSIONAL SIMULATION

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CP72 MANAGEMENT OF A GUMMY SMILE USING THE LIP REPOSITIONING TECHNIQUE: A CASE REPORT

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CP73 METHODOLOGY FOR THE REALIZATION OF A FUNCTIONAL ORTHODONTIC APPLIANCE FOR THE TREATMENT OF FACIAL ASYMMETRIES

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CP74 THREE-DIMENSIONAL DENTAL MODELS GENERATED FROM DENTAL COMPUTED TOMOGRAPHY IMAGES: A PRELIMINARY STUDY

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CP75 THE EFFECT OF MOUTHRINSES ON THE MICROHARDNESS OF ORTHODONTIC ARCHWIRES

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CP76 WHEN TRADITION MEETS INNOVATION: CLASS II MALOCCLUSION TREATMENT COMBINING SKELETAL ANCHORAGE WITH INTERMAXILLARY ELASTICS

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CP77 WHY TEETH FAIL TO ERUPT? A CLINICAL PERSPECTIVE

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CP78 TREATMENT EFFECTS OF THE TRANSVERSE REDUCTION APPLIANCE ON THE UPPER DENTAL ARCH

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CP79 WHAT DO ORTHODONTISTS MEAN BY EXPANSION OF THE MANDIBULAR ARCH, WHAT THERAPEUTIC MEANS ARE AT OUR DISPOSAL AND HOW STABLE IS THE RESULT?

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CP80 SURGERY FIRST FOR A CLASS III PATIENT

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CP81 ORTHODONTIC TREATMENT WITH CLEAR ALIGNERS FOR A YOUNG PATIENT: A CASE REPORT

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CP82 COMPREHENSIVE ORTHODONTIC TREATMENT OF LEPRECHAUN SYNDROME WITH ANTERIOR OPEN BITE AND SEVERE CROWDING: A CASE REPORT

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CP83 CORTICOTOMY FOR ENHANCING TOOTH MOVEMENT; A SHORT OVERVIEW

**Mohammadamin Narimani**, Department of Orthodontics, Islamic Azad University, Dental Branch, Tehran, Iran

CP84 THE NEW POSTFUNCTIONAL RETAINER

**Werner Noeke**, Felix Noeke, Private office, Meschede, Germany

CP85 SUBSTITUTION OF MAXILLARY PREMOLARS FOR AN ABSENT LATERAL INCISOR AND ABSENT CANINES

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CP86 AN ELASTIC APPLIANCE – NEW PROPOSAL FOR THE TREATMENT OF TONGUE THRUSTING

**Sandra Osiewacz**, Elżbieta Pawłowska, Medical University of Lodz, Poland

CP87 EARLY TREATMENT OF A CLASS III MALOCCLUSION WITH THE MODIFIED FRÄNKEL III APPLIANCE – A THREE-DIMENSIONAL EVALUATION

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CP88 COMBINED RAPID MAXILLARY EXPANSION AND FACEMASK THERAPY IN A PATIENT WITH A UNILATERAL CLEFT LIP: A CASE REPORT

**Selin Ozbilek**, Ahmet Yalcin Gungor, Department of Orthodontics, Akdeniz University, Antalya, Turkey

CP89 ARE THERE ANY LIMITS OF DENTOALVEOLAR DECOMPENSATION IN SURGICAL CLASS III PATIENTS? A CASE REPORT

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CP90 UNEXPECTED UNILATERAL CONDYLAR HYPERPLASIA DESPITE SUCCESSFUL COMPLETION OF ORTHODONTIC TREATMENT

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CP91 TREATMENT OF A CLASS I MALOCCLUSION PATIENT WITH UNILATERAL HYPODONTIA OF THE MAXILLARY LATERAL INCISOR: A CASE REPORT

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CP92 SKELETAL CLASS III OPEN BITE CORRECTION BETWEEN SURGICAL-ORTHODONTIC TREATMENT WITH MANDIBULAR SECOND MOLAR EXTRACTION AND NON-SURGERY WITH MINISCREW

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CP93 ORTHODONTIC-SURGICAL CORRECTION OF A SEVERE CLASS III MALOCCLUSION: CASE REPORT

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CP94 DIGITAL IMAGE PROCESSING FOR BONE DENSITY EVALUATION AFTER ORTHOGNATHIC SURGERY

**Livia Pompéia**, Roberta Ilinsky, Kurt Faltin Junior, Cristina Lucia Feijo Ortolani, University Paulista, Sao Paulo, Brazil

CP95 CREATING SPACE IN THE DENTITION FOR THE PERMANENT MAXILLARY CANINE IN PATIENTS WITH SHORTENED DENTOALVEOLAR SEGMENTS

**Mikhail Postnikov**, Ludmila Ulyanova, Georgi Stepanov, Victoriya Malkina, Dmitri Andriyanov, SSMU, Samara, Russia

CP96 OSTEOGENIC DISTRACTION IN A CASE OF BILATERAL CLEFT LIP AND PALATE ASSOCIATED WITH VAN DER WOUDE SYNDROME

**Joana Queiroga**, Jessica Scherzberg, Inês Francisco, Sandra Ferreira, Francisco do Vale, Department of Orthodontics, Faculty of Medicine of University of Coimbra, Portugal

CP97 INTERDISCIPLINARY ORTHODONTIC, ORTHOPAEDIC AND ORTHOGNATHIC TREATMENT

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CP98 EFFECT OF THE RBJ STIMULATOR ON MAXILLARY ARCH DIMENSIONS IN A NEWBORN WITH GOLDENHAR SYNDROME AND UNILATERAL CLEFT LIP AND PALATE

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CP99 ORTHODONTIC EFFECTS OF AN RBJ STIMULATOR ON CLEFT SIZE IN A NEWBORN WITH A UNILATERAL CLEFT LIP AND PALATE

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CP100 DENTAL CARE APPROACH IN PATIENTS WITH DELETION ON 14q22.1

**Margot Raes**, Greet Hens, Koenraad Devriendt, Anna Verdonck, KU Leuven, Belgium

CP101 MONITORING AND CONNECTED ORTHODONTICS FOR A BETTER FOLLOW-UP

**Louis-Charles Roisin**, Private Practice, Paris, France

CP102 A CUSTOMIZED FIXED RETENTION DEVICE IN ADULTS: AN INDIVIDUAL DESIGN PROPOSAL

**Roberto Rossi**<sup>1</sup>, Maurizia Balli<sup>2</sup>, Private Practices, <sup>1</sup>Rho and <sup>2</sup>Modena, Italy

CP103 THREE-DIMENSIONAL VIRTUAL PLANNING APPLIED TO ORTHOGNATHIC SURGERY – A CASE OF CRANIOFACIAL MICROSOMIA

**Jessica Scherzberg**, Adriana Guimarães, António Bettencourt Lucas, Luísa Maló, Francisco do Vale, University of Coimbra, Portugal

CP104 A CASE REPORT ON TREATMENT OF MAXILLARY PROTRUSION THROUGH ORTHODONTIC ANCHOR SCREWS WITH IMPROVED SCISSOR BITE AND TOOTH ANCHORAGE

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CP105 EARLY INTERCEPTION OF ORTHODONTIC PROBLEMS

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CP106 THE BIOLOGICAL EFFECTS OF CONE BEAM COMPUTED TOMOGRAPHY IRRADIATION WITH RAMAN SPECTROSCOPY

**Ioana Maria Simon**<sup>1</sup>, Alexandra Falamas<sup>2</sup>, Mihaela Felicia Baciut<sup>3</sup>, Mihaela Hedesi<sup>3</sup>, Viorica Tarmure<sup>1</sup>, Departments of <sup>1</sup>Orthodontics and Dentofacial Orthopedics and <sup>3</sup>Maxillofacial Surgery, “Iuliu Hațieganu” University of Medicine and Pharmacy, Cluj-Napoca and <sup>2</sup>National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, Romania

CP107 AN INTERESTING CASE OF A GEMINATED PREMOLAR AND HYPODONTIA

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CP108 ERUPTION AND ORTHODONTIC TREATMENT OF IMPACTED TEETH FACILITATED BY MARSUPIALIZATION IN YOUNG PATIENTS

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CP109 CASE REPORT: A PATIENT WITH FACIAL ASYMMETRY AND A UNILATERAL POSTERIOR CROSSBITE TREATED WITH THE SURGERY-FIRST APPROACH

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CP110 NON-EXTRACTION TREATMENT OF CROWDING BY FIXED APPLIANCES – CASE REPORT

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CP111 TREATMENT OF DISTAL DEEP BITE BY FIXED APPLIANCES – CASE REPORT

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CP112 ORTHODONTIC TREATMENT OF A UNILATERAL CROSSBITE IN AN ADOLESCENT

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CP113 THE ROLE OF THE OCCLUSAL SPLINT IN DIAGNOSING AND REDUCING TEMPOROMANDIBULAR DYSFUNCTION SYMPTOMS BEFORE ORTHODONTIC TREATMENT – A CASE REPORT

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CP114 A CASE STUDY OF TREATMENT OF A SKELETAL CLASS III MALOCCLUSION WITH A UNILATERAL CROSSBITE THROUGH ADJUSTING THE OCCLUSAL PLANE CANT

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CP115 MOLAR DISTALIZATION WITH PALATAL MINISCREWS

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CP116 TREATMENT EFFECTS OF HERBST APPLIANCES IN A CLASS II DIVISION 1 MANDIBULAR RETROGNATHIC PATIENT: A CASE REPORT

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CP117 ORTHODONTIC TREATMENT OF A CLASS I MALOCCLUSION WITH AN ANTERIOR CROSSBITE OF FOUR MAXILLARY INCISORS – A CASE REPORT

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CP118 A MODIFIED ROSID GYRO AN INNOVATIVE DIGITAL DEVICE TO ESTIMATE PITCH, ROLL AND YAW

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CP119 ORTHODONTIC TREATMENT OF A CLASS II SUBDIVISION VERTICAL GROWTH PATTERN WITH AN OPEN BITE: A CASE REPORT

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CP120 THE USE OF MICRO-IMPLANTS FOR ANCHORAGE REINFORCEMENT. PRESENTATION OF THREE CASES

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CP121 ANKYLOSIS OF THE TEMPOROMANDIBULAR JOINT AFTER INFECTION: REPORT OF FOUR CASES

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CP122 AN ORTHODONTIC SOLUTION FOR AN IMPACTED UPPER SECOND PRIMARY MOLAR WITH PRESERVATION OF THE PREMOLARS IN MIXED DENTITION

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CP123 USE OF MINI-IMPLANTS FOR AN ADULT WITH CROWDED CLASS II DIVISION 1 AND AN ANKYLOSED UPPER LATER INCISOR

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CP124 MULTIDISCIPLINARY MANAGEMENT OF AN IMPACTED AND SEVERELY ROTATED CENTRAL INCISOR: A CASE REPORT

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