

2015 AAO Annual Session E-Posters

Electronic Posters (E-Posters) will be available for viewing throughout the Annual Session at the E-Poster Kiosk located in the Moscone Convention Center Concourse. E-Posters will also be available for viewing on the AAO website after Annual Session until July 31, 2015. Over 450 E-Poster titles were accepted. This takes the place of the Posterboard display.

Dento-alveolar and skeletal effects of tooth tissue-borne versus bone-borne rapid palatal expanders; a cone beam assessment
Reham Abd Elsalam, et al.
Cairo, Egypt
Application Type: Research

Interdisciplinary treatment of an adult with a debilitated dentition
Tamer Abdel-Azim, et al.
Louisville, KY, USA
Application Type: Case Report

Irradiation effects of newly developed low temperature multi gas plasma jet on oral bacteria
Tahsin Abonti, et al.
Hiroshima, Japan
Application Type: Research

Analysis of Roth's angulation and torque prescription on self-ligating and conventional brackets
Lilian Abrão, et al.
Goiânia, Brazil
Application Type: Research

Treatment of a skeletal Class III patient with surgery-first approach
Yasemin Acar, Elvan Onem
Istanbul, Turkey
Application Type: Case Report

Effects of cortical bone thickness, direction and magnitude of load application on the biomechanical characteristics of orthodontic mini-implant system - a finite element study
Rajesh Agarwal, et al.
Jaipur, India
Application Type: Research

Comparison of femtosecond and ER:YAG laser systems for enamel demineralization and bracket bond strength
Cahide Aglarci, et al.
Izmir, Turkey
Application Type: Research

Bilateral posterior closure of telescopic cross bite with the use of goshgarian palatal bar and build ups
Carolina Aguilar, Guillermo Oropeza
Mexico, Mexico
Application Type: Case Report

Sensitivity of various skeletal indicators to soft tissue parameters in assessment of vertical facial pattern
Maheen Ahmed, et al.
Karachi, Pakistan
Application Type: Research

Traction of impacted incisors using temporary anchorage devices and elastic bands
Eun-Soo Ahn, et al.
Suwon, South Korea
Application Type: Case Report

Accelerated tooth movement with piezocision in Class II malocclusions
Sertac Aksakalli, et al.
Istanbul, Turkey
Application Type: Research

Prevalence and risks of snoring and obstructive sleep apnea symptoms in adult dental patients
Ibrahim AlArfaj, Thikriat Al-Jewair
Dammam, Saudi Arabia
Application Type: Research

Perception of pain and discomfort from elastomeric separators in Saudi adolescents
Sahar Albarakati, et al.
Riyadh, Saudi Arabia
Application Type: Research

Orthodontic treatment and referral patterns: a survey of pediatric dentists, general practitioners, and orthodontists
Abdullah Aldrees, et al.
Riyadh, Saudi Arabia
Application Type: Research

Study of the collum angle of maxillary central incisor in Class II Division 2 cases: cone beam computed tomography analysis
Adel Alhadlaq, et al.
Riyadh, Saudi Arabia
Application Type: Research

An evaluation of archwire tube size in orthodontic molar bands and bonds
Abdulrahman Alhowaish, et al.
Jeddah, Saudi Arabia
Application Type: Research

Severe skeletal Class III malocclusion treated with rapid maxillary expansion and face mask therapy followed by multiloop edgewise arch wire (MEAW) in a growing patient
Aron Aliaga-Del Castillo, et al.
Lima, Peru
Application Type: Case Report

Meta-analysis on the mandibular dimensions effects of the MARA appliance in patients with Class II malocclusions
Thikriat Al-Jewair,
Dammam, Saudi Arabia
Application Type: Research

Mandibular condylar position in Class II Division 2 malocclusion as evaluated by CBCT
Thamer Alkhadra, et al.
Riyadh, Saudi Arabia
Application Type: Research

Idiopathic condylar resorption: implications for orthodontists
Veerasathpurush Allareddy, et al.
Iowa City, IA, USA
Application Type: Research

Assessment of discrepancies between the centric relation and maximum intercuspatio positions using cone beam computed tomography
Guilherme Almeida, et al.
Uberlandia, Brazil
Application Type: Research

Case report: managing overerupted posterior teeth with mini-implants and partial orthodontic fixed appliance
Ines Almeida, et al.
Lisbon, Portugal
Application Type: Case Report

Prevalence of certain features of malocclusions in a sample of Omani population
Khalid Almoammar, Ibrahim Albusaidi
Riyadh, Saudi Arabia
Application Type: Research

Diagnosing the severity of buccal caries lesions in orthodontic patients at de-bonding using digital photographs
Naif Almosa, et al.
Riyadh, Saudi Arabia
Application Type: Research

Prevalence of malocclusions among schoolchildren in Kuwait
Meshari Alnafisi, et al.
London, United Kingdom
Application Type: Research

Live demonstration versus procedural video: a comparison of two methods for teaching orthodontic laboratory procedure
Nasser Alqahtani,
Riyadh, Saudi Arabia
Application Type: Research

Correlation of mesiodistal length of maxillary first permanent molar and the sum of the mesiodistal length of permanent cuspids and bicuspid
Maria Jose Alvarez, et al.
Guadalajara, Mexico
Application Type: Research

Dentoalveolar changes of Quad-helix and Hyrax in bilateral cleft lip and palate
Arthur Alves, et al.
Bauru, Brazil
Application Type: Research

Effect of estrogen-deficiency on bone density of alveolar bone during orthodontic tooth movement
Ayat Alzaki, et al.
New York, NY, USA
Application Type: Research

Orthognathic surgery approach- treatment of Class II malocclusion - case report
Rosa Aranda, Isaac Guzman-Valdivia Gomez
Mexico City, Mexico
Application Type: Case Report

Effectiveness of different methods for cleaning arch wire
Monica Araújo, et al.
Rio de Janeiro, Brazil
Application Type: Research

Comparative analysis of real and ideal wire–slot play in square and rectangular arch-wires
Angela Arreghini, et al.
Ferrara, Italy
Application Type: Research

Sagittal and vertical maxillary bone growth analysis: different treatment protocols in CLPA
Niki Arveda, et al.
Ferrara, Italy
Application Type: Research

Is Tanaka-Johnston mixed dentition analysis an applicable method to Saudi population?
Moshabab Asiry, et al.
Riyadh, Saudi Arabia
Application Type: Research

Three-dimensional analysis of the airways in cleft and non-cleft patients after RME
Fabiane Azeredo, et al.
Porto Alegre, Brazil
Application Type: Research

Cone beam computed tomography evaluation of nasal septal deviation changes in adolescent patients caused by rapid maxillary expansion
Tehnia Aziz, et al.
Edmonton, AB, Canada
Application Type: Research

Bilateral mandibular second molar uprighting with direct miniscrew anchorage
Caner Balta, Hulya Kilicoglu
Istanbul, Turkey
Application Type: Case Report

Orthodontic treatment with Pendex maxillary molar distalizer
Jamilie Cristina de Souza Barbosa, et al.
Marabá, Brazil
Application Type: Case Report

Effect of 0.12% chlorhexidine in reducing microorganisms found in aerosol used for dental prophylaxis of patients submitted to fixed orthodontic treatment
Marcelo Barbosa, et al.
Salvador, Brazil
Application Type: Research

Time comparison between alginate impressions and 3-D intraoral scans: A pilot study
Pedram Barkhordar, et al.
Newark, NJ, USA
Application Type: Research

An assessment of lip protrusiveness and thickness in the modern African American patient

Yvette Battle

Hanover, MD, USA

Application Type: Research

Advanced analysis of rapid maxillary expansion with computed tomography in daily practice

Thiago Beaini, Mario Cappellette Jr

São Paulo, Brazil

Application Type: Case Report

Circumferential supracrestal fiberotomy case reports: an alternative to reduce rotational relapse

Eric Bellis, et al.

Detroit, MI, USA

Application Type: Case Report

Influence of diameter and length of the mini implant insertion torque

Marcelo Berbert, et al.

Maringá, Brazil

Application Type: Research

Smile attractiveness in Class III patients treated with biofunctional and Roth prescriptions

Andre Bernd, et al.

Porto Alegre, Brazil

Application Type: Research

The appearance of anterior open bite during orthodontic treatment - a case report

Maria Beti

La Plata, Argentina

Application Type: Case Report

Earlier intermaxillary elastics use

María Bianchi

La Plata, Argentina

Application Type: Case Report

Factors associated with the efficacy of an oral device in OSA patients

Maria Celeste Billi, et al.

Ferrara, Italy

Application Type: Research

Does oral health improvement reduce the prevalence of tooth impaction?

Niko Bock, et al.

Giessen, Germany

Application Type: Research

Heritability of condylar anterior, posterior, and superior joint spaces

Bianca Boji, et al.

Detroit, MI, USA

Application Type: Research

Histological and biochemical evaluation of the effects of Vitamins C and E on orthodontic tooth movement in rats

Esra Bolat, et al.

Isparta, Turkey

Application Type: Research

Nasal septum changes as a result of maxillary expansion assessed using CBCT

Prashanti Bollu, et al.

Henderson, NV, USA

Application Type: Research

Sseverity of root lesions of human teeth caused by orthodontic mini-implants

Roberto Bombonatti, et al.

Bauru, Brazil

Application Type: Research

Treatment of a Class II malocclusion with a fixed functional appliance

Daniele Bonacin, et al.

Curitiba, Brazil

Application Type: Case Report

Stomatognathic system involvement in rheumatoid arthritis patients

Andrea Bono

La Plata, Argentina

Application Type: Research

Effects of the Herbst appliance: evaluation in 3D

Suelen Borges, et al.

Curitiba, Brazil

Application Type: Research

Orthodontic management of impacted mandibular canines

Jose Bosio, et al.

Newark, NJ, USA

Application Type: Case Report

Maxillary molar distalization with Carrière-Distalizer: 3-D assisted analysis of clinical outcomes

Ute Botzenhart, et al.

Dresden, Germany

Application Type: Research

Interproximal stripping to avoid extractions in Class I patients with severe mandibular anterior crowding

Livia Braga, et al.

Vassouras, Brazil

Application Type: Case Report

In vitro evaluation of ionic degradation and slot corrosion of metallic brackets by the action of different dentifrices

Juliana Melo Brandao, et al.

Belém, Brazil

Application Type: Research

Does the severity of malocclusion influence facial attractiveness?

Gustavo Antonio Brandão, et al.

Belém, Brazil

Application Type: Research

Exploring the relationship between nasal septum & palatal vault height using CBCT

James Broadbent, et al.

Henderson, NV, USA

Application Type: Research

Oral appliance therapy to treat sleep disorder – a case report
Caroline Bronfman, et al.
Bauru, Brazil
Application Type: Case Report

Pharyngeal airway alterations following maxillomandibular advancement: a retrospective case-control study
Daniel Brunetto, et al.
Rio de Janeiro, Brazil
Application Type: Research

3-D assessment after rapid and slow maxillary expansion: a clinical trial study
Mauricio Brunetto, et al.
Florianopolis, Brazil
Application Type: Research

Effects of using stabilization splint before orthognathic surgery on condyle position
Murat Caglaroglu, Nagehan Gorur
Kirikkale, Turkey
Application Type: Research

Multidisciplinary treatment of a non-syndromic oligodontia case
Sila Caglayan, Burcu Tuncer
Ankara, Turkey
Application Type: Case Report

Treatment of Class III malocclusion with alternate rapid maxillary expansion and construction and skeletal anchorage
Zeynep Çakar, Dilek Erdem
Ankara, Turkey
Application Type: Case Report

Nonextraction Class III malocclusion treatment stability
Waleska Caldas, et al.
Bauru, Brazil
Application Type: Research

Comparison of conventional and differential rapid maxillary expansion in patients with complete bilateral cleft lip and palate
Louise Calil, et al.
Bauru, Brazil
Application Type: Research

Immediate loading versus delayed loading for temporary anchorage devices: a randomized clinical trial
Chiara Calzolari, et al.
Sestri Levante, Italy
Application Type: Research

Interdisciplinary approach for a patient that have multiple diastema
Oruc Cam, Onur Gurkaynak
Adana, Turkey
Application Type: Case Report

Facial soft tissue changes using three-dimensional imaging system after orthognathic surgery in a skeletal Class III patient
Yasin Çamili, et al.
Malatya, Turkey
Application Type: Case Report

Influence of the edge bevel on the behavior of orthodontic archwires
Daniele Cantarella, et al.
Ferrara, Italy
Application Type: Research

Comparison of complexity between black and white Americans with Class I malocclusion using ABODI in an orthodontic institution
Trang Cao, et al.
Jacksonville, FL, USA
Application Type: Research

Torque expression and wire load deflection characteristics of four lingual appliances
Antonella Carlucci, et al.
Ferrara, Italy
Application Type: Research

Treatment of anterior open bite class II malocclusion with double jaw surgery
Roberta Carneiro, et al.
Belo Horizonte, Brazil
Application Type: Case Report

The second and third molar mesialization in Class II malocclusion with absence of the lower right first molar - a case report
Evelyn Carrera, Gabriel Saez
Mexico, Mexico
Application Type: Case Report

Efficacy of the hybrid fixed orthopedic appliance Forsus in managing Class II malocclusion, Division 2, resulting from mandibular retrusion
Rodrigo Carvalho, et al.
São Paulo, Brazil
Application Type: Case Report

Apparatus McNamara, direct fabrication technique
Márcio Carvalho, et al.
São Paulo, Brazil
Application Type: Case Report

Class II malocclusion treatment with Forsus appliance
José Fernando Castanha Henriques, et al.
Bauru, Brazil
Application Type: Case Report

Reverse Facial Mask
Citlalli Castillo Martinez, Fabiola Hernández Girón
Nezahualcoyotl, Mexico
Application Type: Case Report

Skeletal Class III patient caused by a maxillary hypoplasia treated with orthodontics and orthognathic surgery

Andrea Castro, et al.

Guadalajara, Mexico

Application Type: Case Report

Assessment of adult anterior open bite cases with constricted maxilla treated with vertical corticision supported surgically assisted rapid maxillary expansion and zygomatic miniplate anchorage

Duygu Catakli, et al.

Istanbul, Turkey

Application Type: Research

Facial soft tissue thickness in adolescent patients affected by bilateral cleft lip and palate: A retrospective cone beam computed tomography study

Mevlut Celikoglu, et al.

Antalya, Turkey

Application Type: Research

Orthodontic traction of an impacted maxillary central incisor associated with a compound odontoma

Jacques Cerpa-Flores, et al.

Lima, Peru

Application Type: Case Report

Factors affecting upper lip response in orthodontic patients who underwent extraction of four premolars

Bong-Kuen Cha, et al.

Gangneung-si, South Korea

Application Type: Research

Orthodontic-surgical treatment of patients with excessive LAFH

Marcelo Chacon, et al.

Piratininga, Brazil

Application Type: Case Report

The HLD Index: a study of the effectiveness, reproducibility and impact in the state of NY

Omar Chacon, Ariel Bales-Kogan

Bronx, NY, USA

Application Type: Research

3D soft tissue changes after mandibular setback surgery using CBCT and facial scanner

Ye-Jin Chang, et al.

Seoul, South Korea

Application Type: Research

Complete orthodontic treatment of a patient with oculofaciocardiodental (OFCD) syndrome

Ling-Yu Chang, Chung-Chen Yao

Taiwan, Taiwan

Application Type: Case Report

Maxillary protraction in growing Class III patient

Kuanghsuan Chang, Jenny Zwei-Chieng Chang

Taipei, Taiwan

Application Type: Case Report

Reduction of deep mento-labial fold by lower incisor protraction
Chairat Charoemratrote
Hat Yai, Thailand
Application Type: Research

Macro, mini and micro aesthetic improvement in a periodontal patient
Andrea Chaves Gómez, Pedro Lara Mendieta
Mexico, Mexico
Application Type: Case Report

Treating a Angle's Class II malocclusion with epidermolysis bullosa
Wei-Chung Chen, Chung-Chen Yao
Taipei, Taiwan
Application Type: Case Report

Closing the extraction site of the ankylosis tooth which is primary eruption failure with extremely low bone height - a case report
Fang-Chin Chen
Taipei, Taiwan
Application Type: Case Report

Twin wire technique in extraction premolar cases of lingual orthodontic treatment
Baekgue Choi,
Gimpo, South Korea
Application Type: Case Report

Animal study on early tooth movement after ramus osteotomy
Won-Cheul Choi, et al.
Seoul, South Korea
Application Type: Research

Two-year follow-up of changes in bite force and occlusal contact area after IVRO
Yoon Jeong Choi, et al.
Seoul, South Korea
Application Type: Research

Comparison of the activities of the masseter and temporal muscle between the bruxers and non-bruxers in adult and adolescent patients
Dong-Soon Choi, et al.
Seoul, South Korea
Application Type: Research

Traction of impacted maxillary canines without using fixed orthodontic appliances
Jin-Young Choi, Kyu-Rhim Chung
Seoul, South Korea
Application Type: Research

Correlation between cervical vertebral maturation (CVM) and dental development in cleft patients
Pathomporn Chongcharueyskul, et al.
Khon Kaen, Thailand
Application Type: Research

Strategic placement of temporary anchorage devices to shift the dental arch
Rohit Chopra
Delhi, India
Application Type: Research

Classification of facial asymmetry by cluster analysis using 3D craniofacial image
Dong Hwa Chung, Min-Jung Kim
Chunan, South Korea
Application Type: Research

Biomechanical characteristics and reinsertion guidelines for retrieved orthodontic miniscrews
Chooryung Chung, et al.
Seoul, South Korea
Application Type: Research

Evaluation of signs and symptoms of TMD before and after correction the posterior crossbite with disjuntor palatal hyrax
Marcelo Corrêa, Antônio Sérgio Guimarães
Campo Belo, Brazil
Application Type: Research

Evaluation of the relationship between skeletal classification in sagittal direction and dentoalveolar morphology by using cone beam computed tomography
Ipek Coskun, Burcak Kaya
Ankara, Turkey
Application Type: Research

Laser therapy may increase inflammatory root resorption?
Eliziane Cossetin, et al.
Bauru, Brazil
Application Type: Research

Transposition of a canine in the place of a central incisor
Brenda Cruz Trillanes, Roberto Ruíz Díaz
Mexico City, Mexico
Application Type: Case Report

Cone beam computed tomography (CBCT), as an aid in diagnosis and treatment planning of impacted canines in cases with high discrepancy cast models
Marcelo da Silva, et al.
Rio de Janeiro, Brazil
Application Type: Case Report

Results of habit breaker appliances in a noncompliant patient
Farid Dadashli, Berza Sen Yilmaz
Istanbul, Turkey
Application Type: Case Report

3D Cephalometric evaluation of different RME approaches
Ilhan Dagsuyu, et al.
Eskisehir, Turkey
Application Type: Case Report

Treatment of Class III malocclusion using the dual key loop archwire or DKL loop archwire
Ana Carolina Souto Dante, et al.
Bauru, Brazil
Application Type: Case Report

Included permanent central superior incisors
Gabriela Mercedes Davicino
Tres Isletas, Argentina
Application Type: Case Report

Preference evaluation of the lip profile in caucasian women
Thaís Teixeira de Paiva, et al.
Rio de Janeiro, Brazil
Application Type: Research

Comparisons the mechanical properties of commercial NiTi round wires used in orthodontic treatment
Surachai Dechkunakorn, et al.
Bangkok, Thailand
Application Type: Research

Electronic transfer of sensitive patient data
Andreas Detterbeck, et al.
Erlangen, Germany
Application Type: Research

Distraction osteogenesis with rigid internal distraction device in a patient with severe maxillary retrognathism: a case report
Mahmut Diker, et al.
Istanbul, Turkey
Application Type: Case Report

Biofilm formation of *Candida albicans* in different types of orthodontic braces
Pamela Diniz, et al.
São José dos Campos, Brazil
Application Type: Research

Clinical and radiographic evaluation of mini screw supported maxillary en-masse incisor retraction
Özgür Divarçı, Alev Çınsar
İzmir, Turkey
Application Type: Research

Orthodontic treatment of a patient with Papillon Lefevre Syndrome
Merve Doğan, Cagri Ulusoy
Ankara, Turkey
Application Type: Case Report

Management of retentions in patient with Cleidocranial Dysplasia
Andrea Dominguez
Mexico, Mexico
Application Type: Case Report

Atypical facial fracture from traumatic injury in patient with Herbst appliance
Joseph Dougherty, et al.
Downers Grove, IL, USA
Application Type: Case Report

Dynamic mechanical evaluation of self-tapping screws early stability
Sara Drago, et al.
Genoa, Italy
Application Type: Research

Effects of the rapid maxillary expansion on the airway dimensions: cone beam computed tomography evaluation
Kerstin Dums, et al.
Curitiba, Brazil
Application Type: Research

Non-osteotomy treatment of Class III skeletal malocclusion using skeletal fixation
Nathan Eberle, et al.
Weston, FL, USA
Application Type: Research

Arch Width Changes Occur With Corticotomy Assisted Slow Palatal Expansion In Patients With Maxillary Constriction
Abbad El Kadi, et al.
Ismailia, Egypt
Application Type: Research

Piezosurgery assisted open bite treatment with curved arches and anterior vertical elastics - a case report
Buket Erdem, et al.
Istanbul, Turkey
Application Type: Case Report

Evaluation of mandibular arch posterior space changes in treated Class III patients
Şafak Erkün, et al.
Ankara, Turkey
Application Type: Research

Class III malocclusion treated with Schwarz appliance and mandibular incisor extraction
Gayem Eroğlu, Ruhi Nalcaci
Isparta, Turkey
Application Type: Case Report

Piezocision assisted rapid canine retraction with sectional archwires: a case report
Eda Erorta, Evren Oztas
Istanbul, Turkey
Application Type: Case Report

Damon versus rapid maxillary expansion in 3dMd imaging system: a case report on identical twins
Mustafa Ersoz, et al.
Malatya, Turkey
Application Type: Case Report

Sequential presurgical directional orthopedics and alveolar molding with novel eye repositioning for single stage surgical protocol in infant Tessier No. 4 cleft
Elçin Esenlik, et al.
Isparta, Turkey
Application Type: Case Report

Class 2 Division 1 with a 13mm overjet treated with functional therapy on a non-extraction basis
Zaid Esmail
London, United Kingdom
Application Type: Case Report

Changes in occlusal plane through orthognathic surgery: what the orthodontist needs to know?
Lucas Esteves, et al.
Salvador, Brazil
Application Type: Case Report

Surgical skeletal Class III patient
Amelia Estrada, Isaac Guzman
Mexico, Mexico
Application Type: Case Report

Seven years follow up in Class III skeletal patient aged 17 years old receiving orthognathic surgery: a complete case report
Liana Fattori Abati, et al.
Santo Andre, Brazil
Application Type: Case Report

Anterior open bite – a constant challenge?
Renata Feres, et al.
Curitiba, Brazil
Application Type: Case Report

Use of Forsus fatigue-resistant device in a patient with Class II malocclusion
Thais Fernandes, et al.
Londrina, Brazil
Application Type: Case Report

Congenitally missing maxillary lateral incisors (CMLI): long-term periodontal evaluation after space closure, bicuspid intrusion and cuspid extrusion
Simona Ferrari, et al.
Ferrara, Italy
Application Type: Research

Axial inclination of mandibular first molar and their respective alveolar morphology in different facial patterns: a CBCT study
Marcos Ferreira, et al.
Bauru, Brazil
Application Type: Research

Does the alt-RAMEC protocol enhance maxillary protraction? A systematic literature review
Moritz Foersch, et al.
Mainz, Germany
Application Type: Research

Stability of Class II treatment with the Jasper Jumper combined with fixed appliances
Camilla Foncatti, et al.
Bauru, Brazil
Application Type: Research

Cephalometric measurements according to McNamara analysis: comparative study between pre-establish standards in Caucasian and mestizo population of Guadalajara City, Jal., Mexico
Vanessa Fonseca, et al.
Guadalajara, Mexico
Application Type: Research

External root resorption associated with maxillary expansion therapies as evaluated via CBCT
Darren Forst, et al.
Edmonton, AB, Canada
Application Type: Research

Effects of screw diameter and orthodontic loading on adjacent bone response
Jonathan Francis, et al.
Lexington, KY, USA
Application Type: Research

Evaluation of the force generated by gradual deflection of orthodontic wires in conventional metallic, esthetic and self-ligated brackets
Manoela Francisconi, et al.
Bauru, Brazil
Application Type: Research

Stability of mandibular anterior alignment: a short and long-term study
Daniel Freitas, et al.
Bauru, Brazil
Application Type: Research

Influence of facial pattern in the relapse of anterior open bite malocclusion
Karina Maria Freitas, et al.
Maringá, Brazil
Application Type: Research

Influence of a liquid diet of the rabbit medial pterygoid muscle
Takuya Fujiwara, et al.
Nagoya, Japan
Application Type: Research

Comparison of dental arch form in cases treated with Damon or conventional appliances with and without rapid maxillary expansion
Bruna Furquim, et al.
Bauru, Brazil
Application Type: Research

Cusp and fossae angulation and their relationship with contact points
Kaori Furuki Hatta, et al.
Mexico City, Mexico
Application Type: Research

Alveolar bone transportation in patient with cleft lip and palate
Lesly Denise Galicia, et al.
Xalapa, Mexico
Application Type: Case Report

Comparative study of the dental arch shape in young Brazilians with normal occlusion
Caroline Gambardela-Tkacz, et al.
São Paulo, Brazil
Application Type: Research

Accuracy of interproximal caries detection using intraoral photograph, bitewing radiograph
Sung-Nam Gang, et al.
Gwang-ju, South Korea
Application Type: Research

Orthodontic correction of Class II malocclusion with severe crowding - a case report
You-Ning Gao, Yi-Jane Chen
Taipei, Taiwan
Application Type: Case Report

Craniofacial growth changes using a modified activator in Juvenile Rheumatoid Arthritis
Umberto Garagiola, et al.
Milan, Italy
Application Type: Research

Determination of mieloperoxidase actyivity in gingival tissue after the application of different magnitude of forces in rats
Eliezer Garcia, et al.
Guadalajara, Mexico
Application Type: Research

Comparison of skeletal maturation status in children with normo weight, overweight and obesity
Rocio Garcia Aguila, et al.
Guadalajara, Mexico
Application Type: Research

Class II non-extraction patient treated with the Forsus Fatigue Resistant Device
Alba García Limón
Zapopan, Mexico
Application Type: Case Report

Severe class II skeletal open bite malocclusion treated with multiloop edgewise archwire (MEAW)
Luis García-Gonzales, et al.
Lima, Peru
Application Type: Case Report

The effects of gentle micropulse vibration on two types of murine osteoblasts
Salvador García-López, et al.
Mexico City, Mexico
Application Type: Research

Patient's experience and satisfaction to AquaSplint treatment - results of a patient's questioning
Tomasz Gedrange, et al.
Dresden, Germany
Application Type: Research

Deflection evaluation of different types of archwires for lingual orthodontics
Carla Gimenez, et al.
Araraquara, Brazil
Application Type: Research

Orthodontic treatment of a Class III patient compromised periodontally: a case report
Fernanda Giongo, et al.
Porto Alegre, Brazil
Application Type: Case Report

Twin-Block therapy with interdisciplinary approach
Hatice Gökalp, et al.
Ankara, Turkey
Application Type: Case Report

Management of orthodontic problems in 3-D - case report
Cindy Goldstein, et al.
Mexico, Mexico
Application Type: Case Report

Maxillary rapid expansion: an alternative method
Rodrigo Gomes, et al.
Curitiba, Brazil
Application Type: Case Report

Interrelation of TMD signs and symptoms of with malocclusions and parafunctional habits in children
Carla Gouvea, et al.
Aracatuba, Brazil
Application Type: Research

Bisphosphonates and compressive forces influence the RANKL/OPG system of human osteoblasts (HOB)
Sarah Grimm, et al.
Mainz, Germany
Application Type: Research

Evaluation of microbial contamination of orthodontic brackets by microbiological and molecular tests
Caroline Grings, et al.
Novo Hamburgo, Brazil
Application Type: Research

Maxillary anterior alignment stability in Class I and II malocclusions treated with or without extraction
Willian Guirro, et al.
Bauru, Brazil
Application Type: Research

Treatment of skeletal Class III malocclusion with chin cup and fixed edgewise appliances
Ahmet Yalcin Gungor, Ozge Gungor
Antalya, Turkey
Application Type: Case Report

Treatment of Bolton discrepancy with extraction of a lower incisor
Ozge Gungor, Ahmet Yalcin Gungor
Antalya, Turkey
Application Type: Case Report

Effect of low-level laser irradiation on the proliferation of human cementoblast lineage cells.(High-frequency low-level diode laser irradiation enhances the proliferation of cementoblast lineage cells)
Hidemi Gunji, et al.
Hiroshima, Japan
Application Type: Research

Treatment of an impacted dilacerated maxillary central incisor
Onur Gurkaynak, Oruc Cam
Adana, Turkey
Application Type: Case Report

Orthodontic-surgical treatment of a malocclusion Class III combined with joint problems - case report
Graciela Gutierrez Meraz, Francisco Marichi Rodriguez
Mexico City, Mexico
Application Type: Case Report

Correlation of skeletal age and midpalatal suture maturation

Luis Gutierrez Pulido, et al.

Denver, CO, USA

Application Type: Research

Improvement of information practices; reflection, research and proposal at Toulouse hospital

Olivier Hamel, Julien Ceadia

Toulouse, France

Application Type: Research

A comparison of the treatment effects of the Forsus Fatigue Resistance Device and the Twin Block appliance in patients with Class II malocclusions

Abdufatah Hanoun, et al.

Buffalo, NY, USA

Application Type: Research

The effect of 940 nm low level laser on osteogenesis in vitro

Rozita Hassan, et al.

Kota Bharu, Malaysia

Application Type: Research

Dental age and skeletal maturity stages in patients with impacted versus erupted maxillary canines

Sohaib Hassan, et al.

Karachi, Pakistan

Application Type: Research

MMP inhibitor suppresses myofibroblastic differentiation in three-dimensional wound-healing model of rat skin

Shozaburo Hata, et al.

Fukuoka, Japan

Application Type: Research

Bone-anchored Pendex: a 3D cephalometric evaluation

Gamze Çağla Hece, İlhan Dagsuyu

Eskişehir, Turkey

Application Type: Case Report

Effects and mode of action of Jasper Jumper appliance - a case report

Rafael Pinelli Henriques, et al.

Bauru, Brazil

Application Type: Case Report

Orthodontic traction for impacted maxillary canine: 4-year follow up

Fernanda Pinelli Henriques, et al.

Bauru, Brazil

Application Type: Case Report

Orthodontic compensation of surgical skeletal Class II due to retrognathism with mini-screws

Christian Hernandez Velarde, et al.

Guadalajara, Mexico

Application Type: Case Report

Functional orthopedic as an alternative of treatment of a skeletal Class II

Ivonne Herrera, et al.

Xalapa, Mexico

Application Type: Case Report

Early histomorphologic changes from periodontal region: kinetic study on four moments
Andrea Herrera Miranda, et al.
Mexico, Mexico
Application Type: Case Report

Comparison of angulation and tipping of mandibular second molars in atrophic areas with normal occlusion – a 3D view by digital models
Francyle Herrera-Sanches, et al.
Bauru, Brazil
Application Type: Research

Restoring peg-shaped lateral incisors: evaluation of esthetics on different treatment approaches
Francisco Herrero-Nater, et al.
Jacksonville, FL, USA
Application Type: Research

Maxillary protrusion with the maxillary central incisor missing due to facial injuries
Mayu Hida, et al.
Nagoya, Japan
Application Type: Case Report

Forces released by Nickel-Titanium orthodontic wires in self-ligating and conventional brackets
Rodrigo Higa, et al.
Bauru, Brazil
Application Type: Research

Presentation of maxillary anterior teeth on panoramic images: effect of facial-palatal root inclination and dental arch form
Jordan Hillam, et al.
Louisville, KY, USA
Application Type: Research

Evaluating a new low viscosity composite for metal and ceramic bracket bonding
Marcus Holzmeier, et al.
Wuerzburg, Germany
Application Type: Research

Predictability of arch expansion using Invisalign™
Jean-Philippe Houle, et al.
Winnipeg, MB, Canada
Application Type: Research

Shear bond strength of lingual retainers bonded with different adhesive procedures
Monica Ibarra-Peña, et al.
Toluca, Mexico
Application Type: Research

Bone-anchored RME for clefts: a 3D cephalometric evaluation
Özlem Ince, İlhan Dagsuyu
Eskişehir, Turkey
Application Type: Case Report

The new 3D workflow of digital models: from intraoral scan to rapid palatal expander production, activation and clinical results
Santiago Isaza Penco, et al.
Bologna, Italy
Application Type: Case Report

Clinical pitfalls in Japanese Class II patients treated with the Herbst appliance
Nobuyuki Ishii, Ryuzo Kanomi Kanomi
Himeji, Japan
Application Type:

Multidisciplinary treatment of a young adult untreated unilateral complete cleft lip and palate patient
Belma Isık Aslan, et al.
Ankara, Turkey
Application Type: Case Report

Effects of laser irradiation at different wavelengths (660, 810, 980, and 1,064 nm) on transient receptor potential melastatin channels in an animal model of wound healing
Eren Isman,
Gaziantep, Turkey
Application Type: Research

Orthodontic treatment of a patient with median cleft face syndrome: a case report
Ozlem Isman, et al.
Gaziantep, Turkey
Application Type: Case Report

Importance of orthodontic and maxillofacial interdisciplinary case report Class III with laterognacy and complications
Malena Izquierdo, Roberto Ruiz Diaz
Mexico, Mexico
Application Type: Case Report

Where have these ions gone in clinical use - a safety study with scanning electron microscopic and complexometric titration study of orthodontic materials
Pradeep Jain, Vandana Kararia
Jaipur, India
Application Type: Research

Integration of three dimensional surgical and orthodontic technologies in the management of facial asymmetry
Nandakumar Janakiraman, et al.
Farmington, CT, USA
Application Type: Case Report

Three-dimensional analysis of molar compensation in patients with facial asymmetry and mandibular prognathism
Munkhshur Janchivdorj, et al.
Seoul, South Korea
Application Type: Research

Placement torque and axial load of mini-implants inserted into human dental roots
Guilherme Janson, et al.
Bauru, Brazil
Application Type: Research

Orthodontic surgical treatment of a severe skeletal Class II - case report

Yajahira Jaquez,
Mexico, Mexico

Application Type: Case Report

Google trends: a new tool for gauging the demand and patient concerns about orthodontics

Yasas Jayaratne, et al.
Farmington, CT, USA

Application Type: Research

Microdontia multidisciplinary treatment: case report

Barbara Juarez Gomez, Armando Montesinos Flores
Mexico, Mexico

Application Type: Case Report

Comparison of inverted-bracket placement and labio-lingual approach to control torque of palatally-erupted maxillary lateral incisor

JongMoon Jung, et al.

Seoul, South Korea

Application Type: Research

Forced eruption of impacted incisor with severe root dilaceration

Jingon Jung, Jingon Jung

Daejeon, South Korea

Application Type: Case Report

Evaluation of the palatal plate effect on speech articulation using acoustic analysis

Chang Yoon Jung, et al.

Seoul, South Korea

Application Type: Research

Stability of early anterior open bite treatment with bonded spurs associated with high-pull chin cup therapy

Cintia Helena Junqueira, et al.

Bauru, Brazil

Application Type: Research

Assessing the reliability of 3dMD for orthodontic soft tissue analysis

Yasir Kachroo, Christine Hong

Los Angeles, CA, USA

Application Type: Research

Maxillary growth modification with bone anchorage

Gülşen Kaçıra Keskin

Eskişehir, Turkey

Application Type: Case Report

A clinical comparison of failure rates between two self-etching primers

Cassandra Kahn, Ariel Bales-Kogan

Bronx, NY, USA

Application Type: Research

Palatal face-mask: with or without RME

Banu Kahraman

Eskişehir, Turkey

Application Type: Case Report

The next big thing in clear aligner therapy
Sherif Kandil
Dortmund, Germany
Application Type: Research

Facial asymmetries as etiopathogenic factor of headache and facial pain
Diana Kanevsky, Ada Costanzo
Buenos Aires, Argentina
Application Type: Research

Ratings of facial profile attractiveness after camouflage treatment or orthognathic surgery simulation of the same patients
Gülden Karabiber, et al.
Istanbul, Turkey
Application Type: Research

Efficacy of probiotics on gingivitis in patients under orthodontic treatment: preliminary results
Betül Kargül, et al.
Istanbul, Turkey
Application Type: Case Report

Effect of occlusal interferences on orthodontic external root resorption - part II
Mohamed Karkuri, et al.
New York, NY, USA
Application Type: Research

Correction of Class II malocclusion with basic appliances
Noor Kassim, Ayşegül Köklü
Ankara, Turkey
Application Type: Case Report

Comparative evaluation of anterior intrusion by miniscrews, Connecticut intrusion arch and utility intrusion arch
Ashutosh Kaushik, et al.
Gurgaon, India
Application Type: Research

Comparison of tooth-borne and hybrid devices in surgically assisted rapid maxillary expansion - a prospective clinical CBCT study
Emre Kayalar, et al.
Istanbul, Turkey
Application Type: Research

Prune belly syndrome and orthodontics: a case report
Konstantinos Kazanis, Katherine Kelly
Victoria, BC, Canada
Application Type: Case Report

Electromyographic and ultrasonographic evaluations of masticatory muscles in patients with different vertical facial types
Gulcin Kilic, et al.
Isparta, Turkey
Application Type: Research

Treatment of skeletal Class II malocclusion with functional orthopedic appliance (Monoblock)

Gokce Kilic, Zahir altug

Ankara, Turkey

Application Type: Case Report

Analysis of precision of the intraoral scanner on the maxillary dental arch; with and without palatal area images

Min Ji Kim, et al.

Seoul, South Korea

Application Type: Research

Stress distribution in peri-miniscrew area with different insertion angle of cylindrical and taper type miniscrews

Seong-Jin Kim, et al.

Seoul, South Korea

Application Type: Research

Raman spectroscopic evaluation of biochemical property of gingival crevicular fluid by orthodontic force

Kyung-A Kim, et al.

Seoul, South Korea

Application Type: Research

Orthodontic treatment of a patient with facial asymmetry and Type 2 Diabetes Mellitus

Kihyun Kim, et al.

Yongin, South Korea

Application Type: Case Report

Evaluation of mandibular molar distalization using ramal plate on lateral cephalograms and 3D virtual models

Sung Kon Kim, et al.

Seoul, South Korea

Application Type: Research

The relationship between malocclusion and menarcheal age, and its secular trend for Korean women

Jong Hee Kim, et al.

Seoul, South Korea

Application Type: Research

Use of maxillary incisor inclination to occlusal plane for easy communication between orthodontist and surgeon in orthognathic surgical treatment planning

Seong Sik Kim,

Yangsan-si, South Korea

Application Type: Case Report

CBCT evaluation of condyle displacement immediately after surgery in surgery-first orthodontic patients

Hyun-Hee Kim, et al.

Gwangju, South Korea

Application Type: Research

Changes of upper indicator line in young patients

Yukio Kitafusa

Asahi, Japan

Application Type: Research

Management of esthetically relevant white spot lesions by resin infiltration (Icon, DMG): long-term durability of camouflage effects in vivo
Michael Knösel, et al.
Göttingen, Germany
Application Type: Research

Oral health-related quality of life in children and young adolescent orthodontic cleft patients
Pattamawan Konan, et al.
Khon Kaen, Thailand
Application Type: Research

Comparison of arch widths between normal occlusion and Class III groups using centers of resistance
Yun-jin Koo, et al.
Seoul, South Korea
Application Type: Research

Patient's oral health status as a predictor of compliance with orthodontic treatment
Karolyn Kopcza, Ariel Bales-Kogan
Bronx, NY, USA
Application Type: Research

In vivo assessment of demineralization and remineralization around orthodontic brackets with Fluorecam
Bora Korkut, et al.
Istanbul, Turkey
Application Type: Research

Cytotoxicity of Thai orthodontic miniscrew
Katha Kosayadiloka, et al.
Ratchathewi District, Thailand
Application Type: Research

Does mesial off – centering of Twin brackets on lower cuspids and lateral incisors affect alignment efficacy and stability? a randomized controlled trial
Preeti Kulkarni
Thane, India
Application Type: Research

Amelogenin enhances the proliferation of cementoblast lineage cells
Ryo Kunimatsu, et al.
Hiroshima, Japan
Application Type: Research

Evaluation of midpalatal suture maturation in CBCT with using fractal analysis
Kyoung ho Kwak, et al.
Pusan, South Korea
Application Type: Research

Pilot study on the effect of age on expression of inflammatory markers in response to orthodontic forces
Rachel Kwal Feinstein, et al.
New York, NY, USA
Application Type: Research

Three dimensional analysis of temporomandibular joint in Class II division 1 malocclusion treated with two and three premolars extraction protocols

Amr Labib, et al.

Cairo, Egypt

Application Type: Research

Soft tissue prediction in mandibular advancement surgery cases: a pilot study

Suchachit Ladprao, et al.

Bangkok, Thailand

Application Type: Research

An oral health related quality of life study during orthodontic treatment

Tai-Ting Lai

Taipei, Taiwan

Application Type: Research

Long-term skeletal stability after mandibular setback surgery

Pitchayaporn Laohasurayotin, et al.

Rajthevi, Thailand

Application Type: Research

Orthodontic treatment with distraction osteogenesis of a patient with Pierre Robin Sequence

Luis Lecleres, Antonio Rivera

San Juan, PR, USA

Application Type: Case Report

Effect of primers on bonding of metal bracket to zirconia

Milim Lee, et al.

Seoul, South Korea

Application Type: Research

Orthodontic-surgical treatment of Class III malocclusion with facial asymmetry: case report

Choongjoo Lee, et al.

Jeon-ju, South Korea

Application Type: Case Report

Non-extraction treatment with molar distalization using orthodontic mini-implant

Chang Keun Lee, et al.

Jeonju, South Korea

Application Type: Case Report

Relapse after mandibular setback surgery with minimal orthodontics in different vertical facial types

Yousun Lee, et al.

Seongnam, South Korea

Application Type: Research

Force decay of colored elastomeric chain

Jeong-Keun Lee, et al.

Seoul, South Korea

Application Type: Research

Effect of a second injection of botulinum toxin on lower facial contouring, as evaluated using three-dimensional laser scanning

Hong Hee Lee, et al.

Seoul, South Korea

Application Type: Research

Combined effect of low intensity laser therapy and an MMP inhibitor on the relapse after orthodontic tooth movement

Sang-Hyun Lee, et al.

Seoul, South Korea

Application Type: Research

Dimensional accuracy of digital dental model from cone-beam ct scan of alginate impressions

Jung-Sil Lee, et al.

Gwangju, South Korea

Application Type: Research

Three-dimensional surface analysis of digital dental models obtained from two intraoral scanners

Kyung Min Lee, et al.

Gwang-ju, South Korea

Application Type: Research

Surgical-orthodontic treatment of severe openbite and mandible retrusion - a case report

Szu-Ching Lee, Shou-Hsin Kuang

Taipei, Taiwan

Application Type: Case Report

Root position assessment and adjustment for an ideal setup

Robert Lee, et al.

Los Angeles, CA, USA

Application Type: Research

The level of interleukin-1 beta in GCF during canine movement in initial leveling phase

Chidchanok Leethanakul, Surajit Somngam

Hat Yai, Thailand

Application Type: Research

Orthodontic-surgical correction of a Class III patient with laterognathia - case report

Nivis Avyely Leyva Castrejón, Antonio Gomez

Mexico City, Mexico

Application Type: Case Report

How to deal with an challenging case an unilateral buccal cross-bite, combine congenital missing, transposition, fusion, and impacted molar– a herodontist case report

Yu-Ming Liang, Tzu-Ying Wu

Taipei City, Taiwan

Application Type: Case Report

Can a digital impression replace alginate in orthodontic diagnosis?

Hoi-Jeong Lim, et al.

Gwang-ju, South Korea

Application Type: Research

Human dental follicle: a source of stem cells

Rodrigo Lima, et al.

Rio de Janeiro, Brazil

Application Type: Research

Evaluation of methods of individualization of arch: Wala Edge and Interlandi Diagram

Luciana Lima, et al.

São Luís, Brazil

Application Type: Research

Arch of orthodontic distalizador of molar
Saulo Lima, et al.
São Luís, Brazil
Application Type: Research

Three-dimensional analysis of smiling line - an important component of facial contour
Yi Lin
Guangzhou, China
Application Type: Research

Orthognathic-like orthopedic effect by functional appliance treatment : A case report of severe Class II with congenital missing lower R't second premolar
Shen-Chieh Lin, Shou-Hsin Kuang
Taipei, Taiwan
Application Type: Case Report

Interdisciplinary treatment of an adult with Class II deep bite malocclusion
Yi-Jen Liu, Chung-Chen Yao
Taipei, Taiwan
Application Type: Case Report

Benefits of fixed hybrid Forsus orthopedic device for treating malocclusion Class II, Division I
Paula Lollobrigida, et al.
São Paulo, Brazil
Application Type: Case Report

Effect of temperature on the mechanical behavior of nickel-titanium orthodontic initial archwires
Luca Lombardo, et al.
Ferrara, Italy
Application Type: Research

Ortho-perio benefits of treatment: case report
Oscar Lomelí, Armando Montesinos Flores
Mexico City, Mexico
Application Type: Case Report

The breadth of the smile increased by the rapid palatal expansion
Roberta Lopes Gomes Cesário, et al.
São Paulo, Brazil
Application Type: Case Report

Surgical-orthodontic treatment in patient with condylar hyperplasia
Samantha Lopez
Mexico, Mexico
Application Type: Case Report

Impact of body mass index on oral health and orthodontic treatment
Nathalie Lorenz, et al.
Giessen, Germany
Application Type: Research

Facial profile evaluation of isolated Pierre Robin Sequence
Diego Lorenzoni, et al.
Bauru, Brazil
Application Type: Research

Accuracy of soft tissue prediction methods in mandibular setback osteotomy patients
Suwannee Luppapornlarp, et al.
Bangkok, Thailand
Application Type: Research

Optical coherence tomography evaluation of enamel surface after orthodontic treatment
Monika Machoy, et al.
Dresden, Germany
Application Type: Research

Do young hyperactive patients display a specific craniofacial morphology?
Aurélien Magoariec, et al.
Strasbourg, France
Application Type: Research

Evaluation of soft tissue effect of fan type rme using three dimensional photographs
Siddik Malkoç, et al.
Malatya, Turkey
Application Type: Case Report

In vitro evaluation of microhardness of white spot lesions after resin infiltration
Jeremy Manuele, et al.
New Orleans, LA, USA
Application Type: Research

Alendronate increases osteoprotegerin immunoexpression and impairs orthodontic tooth movement in rats
Natasha Marques, et al.
Sao Paulo, Brazil
Application Type: Research

The comparison of a digital intraoral scanning method with a traditional impression method for the fabrication of orthodontic Hawley retainers
Andrew Marshall, Tamer Abdel-Azim
Louisville, KY, USA
Application Type: Research

Surgery first: an effective alternative in orthodontic treatment - case report
Marã• A Martã• Nez, et al.
Mexico, Mexico
Application Type: Case Report

Comparison of torque expression between esthetic brackets
Karine Martelli, et al.
Maringá, Brazil
Application Type: Research

Surgery first - a case report
Vania Martinez, Antonio Fernandez
Mexico City, Mexico
Application Type: Case Report

Study of a solution for the stress relaxation in beta-titanium T-Loop Springs
Lidia Martins, et al.
Araraquara, Brazil
Application Type: Research

Dental space gaining with conventional and self-ligating bracket - prospective randomized clinical study
Maria Eugenia Mateu, et al.
Buenos Aires, Argentina
Application Type: Research

Comparison of deflection forces in aesthetic and nitinol wires in aesthetic brackets
Murilo Matias, et al.
Bauru, Brazil
Application Type: Research

Development of a prediction equation for the estimation of mandibular canine and premolar widths from mandibular first permanent molar and incisor widths
Sarwat Memon, Mubassar Fida
Karachi, Pakistan
Application Type: Research

Mini-implant anchored appliance and intermaxillary elastics: a viable alternative for Class III correction on teenagers?
Bernardo Mendes, et al.
Belo Horizonte, Brazil
Application Type: Case Report

Maxillary incisors ap position and profile attractiveness
Lucas Mendes, et al.
Bauru, Brazil
Application Type: Research

First premolar extraction in orthodontic treatment, using moderate anchorage - clinical case presentation
Hugo Mendez
Mexico City, Mexico
Application Type: Case Report

Class II patient with skeletal hypoplasia of the jaw, treated with extractions of the first upper bicuspid and orthodontics - diagnosis and etiology Class II skeletal caused by mandibular hypoplasia with severe crowding in upper and upper dental midline
Danielle Mendez Adrianza, Juan Eduardo Flores Salas
Guadalajara, Mexico
Application Type: Case Report

Diagnosis of supernumerary teeth by cone beam: retrospective prevalence study
Laura Mendoza, et al.
Mexico, Mexico
Application Type: Research

Investigating possible negative effects of fixed orthodontic treatment upon the smile
Anca Mesaros, et al.
Cluj Napoca, Romania
Application Type: Research

Comparison of 3D CBCT cephalometric measurements using midsagittal projection and conventional 2D cephalometric measurements
CheolHyun Moon
Incheon, South Korea
Application Type: Research

Correction of dentoskeletal deformity with orthodontic and surgical treatment - clinical case
Rafael Mora Hurtado, Roberto Ruiz
Mexico, Mexico
Application Type: Case Report

Changes in the maxillary arch dimensions, inclinations, and buccal bone support during alignment using Damon System®: a CBCT study
Juliana Morais, et al.
Natal, Brazil
Application Type: Research

Arch parameters and buccal bone thickness occur with corticotomy assisted slow palatal expansion in patients with maxillary constriction
Sherif Morcos Ebaid, et al.
Ismailia, Egypt
Application Type: Research

Orthodontic treatment of Class I malocclusion associated with anterior crossbite
Priscila Moreira, et al.
Maringá, Brazil
Application Type: Case Report

Effects of active and passive lacebacks on antero-posterior position of upper first molars and central incisors
Ricardo Moresca, et al.
Curitiba, Brazil
Application Type: Research

Effect of different treatments of ceramic bracket bases on the shear bond strength to enamel after rebonding
Alexandre Moro, et al.
Curitiba, Brazil
Application Type: Research

Evaluation of 2D and 3D orofacial dimensions and mandibular advancement splint treatment outcome in obstructive sleep apnea study
Whitney Mostafiz, et al.
Chicago, IL, USA
Application Type: Research

Effect of CPP-ACP paste on remineralization of tooth enamel
Karina Mundstock, Fernanda Giongo
Porto Alegre, Brazil
Application Type: Research

Bone anchored maxillary protraction as an alternative for face mask for treatment of growing Class III patients
Mohamed Nadim, et al.
Ismailia, Egypt
Application Type: Research

Individual orthodontic treatment concept - a clinical approach for customized orthodontic treatments
Andrea Nakhleh, Santiago Isaza Penco
Moglia, Italy
Application Type: Case Report

Quantitative analysis and average of 3-dimensional facial soft tissue photographic images
Vikrum Nanda, Won Moon
Los Angeles, CA, USA
Application Type: Research

Surgery-first orthognathic approach
Henrique Hiroto Naoe, et al.
Bauru, Brazil
Application Type: Case Report

Multiple premolar agenesis and retained primary molars in an adult - a case report
Madhumitha Natarajan
Manipal, India
Application Type: Case Report

The effects of topical fluoride varnish on the shear bond strength of orthodontic brackets
Ruby Nhan, et al.
New Orleans, LA, USA
Application Type: Research

Shear bond strength of three chemically cured orthodontic adhesive resins
Pacharapilai Nidhiritdhikrai, et al.
Ratchathewi District, Thailand
Application Type: Research

Root resorption in Class II malocclusion treatment with Class II elastics
Ana Liesel Niederberger, et al.
Bauru, Brazil
Application Type: Research

Retreatment of Class II subdivision with asymmetric extractions: case report
Andressa Nitrini, et al.
Maringá, Brazil
Application Type: Case Report

Evaluation of hard-tissue landmarks for three-dimensional prediction of soft-tissue profile following Class III orthognathic surgery
Yeon-Joo Noh, et al.
Seoul, South Korea
Application Type: Research

Cone beam tomography for the final diagnosis of a Class III malocclusion treatment
Diana Obando, et al.
México, Mexico
Application Type: Case Report

The evaluation of the effects of rapid maxillary expansion (RME) on occlusal force distribution
Hande Odabaşı, et al.
Ankara, Turkey
Application Type: Research

Camouflage treatment in skeletal Class III malocclusion as an alternative to orthognathic surgery: a case report
Begüm Okatan, et al.
Istanbul, Turkey
Application Type: Case Report

Palatal mini-screw anchored maxillary molar mesialization: a case report
Serhan Okutan, et al.
Istanbul, Turkey
Application Type: Case Report

Pre-prosthetic, skeletal anchored molar intrusion: a case report
Rumeysa Okutan, et al.
Istanbul, Turkey
Application Type: Case Report

Ectopic maxillary canine: treatment option
Irla Oliveira, et al.
Rio de Janeiro, Brazil
Application Type: Case Report

Reversing the treatment of a transferred Class III patient from surgical orthodontics to a camouflage with sliding jigs
Dauro Oliveira, et al.
Belo Horizonte, Brazil
Application Type: Case Report

Torquing arch as facemask's accessory on the correction of anterior crossbite
Amara Oliveira, et al.
Goiânia, Brazil
Application Type: Case Report

Alternative for the treatment of anterior crossbite
José Gonçalves de Oliveira Filho, et al.
Bauru, Brazil
Application Type: Case Report

Comparison of the duration of treatment: Damon system versus conventional straightwire technique
Teresa Oliverio, Giuseppe Siciliani
Ferrara, Italy
Application Type: Research

External apical root resorption in asthmatic patients under orthodontic treatment
Paula Oltramari-Navarro, et al.
Londrina, Brazil
Application Type: Research

Relation between Beta and ANB angles used in assessing sagittal jaw relationship
Yetunde Oludare, et al.
Ikeja, Nigeria
Application Type: Research

Investigating the effects of finishing quality of lower incisor crowding
Elvan Onem, et al.
Istanbul, Turkey
Application Type: Research

Nonsurgical treatment of a severe anterior open bite in an adult
Aldo Otazú, et al.
Bauru, Brazil
Application Type: Case Report

Factors associated with patient's and/or parent's satisfaction after orthodontic treatment: a systematic review

Camila Pachêco-Pereira, et al.
Edmonton, AB, Canada
Application Type: Research

Maintaining enamel homeostasis-orthodontic perspectives

Sridevi Padmanabhan,
Chennai, India
Application Type: Research

Orthodontic management of a patient with Stickler Syndrome

Kathleen Pale, et al.
Philadelphia, PA, USA
Application Type: Case Report

Evaluation of skeletal and dentoalveolar changes after miniscrew assisted rapid palatal expansion in adults using cone-beam computed tomography

Jung-Jin Park, et al.
Seoul, South Korea
Application Type: Research

Effects of storage methods on time-related changes of alginate impressions

Ha-Yeon Park, et al.
Gwangju, South Korea
Application Type: Research

Pediatric panoramic and cephalometric exposure to organs of the head and neck

Evanthia Peikidis, et al.
Stony Brook, NY, USA
Application Type: Research

Infrared led phototherapy inhibits root resorption during orthodontic tooth movement in rats

Simone Peixe, et al.
São Paulo, Brazil
Application Type: Research

Ligation method influence on friction resistance in lingual brackets with different second order angulations

Graziane Pereira, Carla Gimenez
Belem, Brazil
Application Type: Research

Transpalatal arch correction of ectopic maxillary first molar due to infraocclusion of ankylosed primary molar

Danilo Pereira, et al.
Goiânia, Brazil
Application Type: Case Report

Orthodontic & orthognathic surgery – Class III treatment - a case report

Ana Pezutto, et al.
Santos, Brazil
Application Type: Case Report

Comparative study of the Twin-block, Bionator and MARA functional appliance effects to determine proportions of facial beauty by means of conventional cephalometric analysis, Enlow's counterpart analysis and divine proportions

Lucelma Pieri, et al.

Bauru, Brazil

Application Type: Research

Expansion and torque variations in Damon technique

Emanuela Pierotti, et al.

Ferrara, Italy

Application Type: Research

Influence of diameter, length and angle of installation in insertion and removal torques of self-drilling mini-implants

Lilian Pignatta, et al.

Aracatuba, Brazil

Application Type: Research

A comparative assessment of changes in mucosal integrity and comfort level between shielded and non-shielded brackets

Fabio Henrique Pinheiro, Livia Pires

Winnipeg, MB, Canada

Application Type: Research

Management of anterior disc displacement with reduction and myofascial pain after an orthodontic treatment - report of a case

Francisco Plaza Villegas, et al.

Detroit, MI, USA

Application Type: Case Report

Pros and cons of surgery-first approach

Omur Polat Ozsoy

Ankara, Turkey

Application Type: Case Report

Reliability and accuracy of linear measurements on 3D surface models obtained by standard pre-set threshold

Marcelo Poleti, et al.

Londrina, Brazil

Application Type: Research

The effect of bonded lingual retainers on periodontal health

Alan Poole, et al.

Detroit, MI, USA

Application Type: Research

Comparison of gingival recession in mandibular incisors caused during Class III treatment with Roth and Biofunctional techniques

Tanara Prux Fehlberg, et al.

Maringá, Brazil

Application Type: Research

Evaluation of the attractiveness of different gingival zeniths in smile esthetics

Romeu Pucci, et al.

Maringá, Brazil

Application Type: Research

Treatment of Class II malocclusion with the Distal Jet appliance

Daniela Pupulim, et al.

Bauru, Brazil

Application Type: Case Report

Comparison of mechanical properties and cytotoxicity of orthodontic latex elastics leaching with 2% NaOH

Thipsupar Pureprasert, et al.

Bangkok, Thailand

Application Type: Research

Treatment of the Class II, division 2, malocclusion in adult patient using "APM IV"

Fauze Ramez Badreddine, et al.

São Paulo, Brazil

Application Type: Case Report

Camouflage treatment of skeletal Class III malocclusion using a non-surgical approach

Lisette Ramos, Mario Katagiri

Mexico City, Mexico

Application Type: Case Report

Molar uprighting in adult – case report

Taisa Ravelli, et al.

Araraquara, Brazil

Application Type: Case Report

Force decay of interarch orthodontic elastics: a systematic review

Nanice Regis Blay, Edmund Khoo

New York, NY, USA

Application Type: Research

Correction of open bite using mini-implants associated with multiloop edgewise archwire technique

Carlena Reis, et al.

Sao Paulo, Brazil

Application Type: Case Report

The centric relation for the camouflage of a Class III malocclusion

Ariel Reyes, et al.

Curitiba, Brazil

Application Type: Case Report

Caries and malocclusion impact in quality of life of indigenous Mexican teenagers

Oscar Reyna-Blanco, et al.

San Francisco, CA, USA

Application Type: Research

The relationship between orthodontic treatment time and caries incidence

Matthew Rhee, Ariel Bales-Kogan

Bronx, NY, USA

Application Type: Research

The treatment of a skeletal Class III malocclusion: a case report

Sâmea Ribeiro, et al.

Rio de Janeiro, Brazil

Application Type: Case Report

Rapid vs. slow maxillary expansion: a randomized clinical trial study
Gerson Luiz Ulema Ribeiro,
Florianopolis, Brazil
Application Type: Research

Interdisciplinary treatment of an adult with maxillofacial trauma
Laura Rivera, Mitzi Gonzalez
San Juan, PR, USA
Application Type: Case Report

Posterior teeth angulation in non-extraction and extraction treatment of anterior open bite patients
Mayara Rizzo, et al.
Bauru, Brazil
Application Type: Research

Establishing a relationship between vertical dimension of the face and bizygomatic width using CBCT
Glen Roberson, et al.
Henderson, NV, USA
Application Type: Research

Three-dimensional airway space changes after maxillomandibular advancement – a case report
Thais Lima Rocha, et al.
Bauru, Brazil
Application Type: Case Report

Correction of anterior open bite in a skeletal Class II patient
Diana Elizabeth Rodriguez Sanchez, et al.
Guadalajara, Mexico
Application Type: Case Report

Malocclusions affect the function of the stomatognathic and autonomic nervous system
Pablo Rojas Pardini,
Panamá, Panama
Application Type: Research

Does patient's dentofacial appearance related to the quality of life?
Courtney Rubin, et al.
Jacksonville, FL, USA
Application Type: Research

Computed tomography as a diagnostic aid in orthodontics
Wellington Lemos Rumão, et al.
Bauru, Brazil
Application Type: Case Report

Interdisciplinary treatment of an adult patient with periodontal disease
Dania Russell Valentin, Pedro Lara Mendieta
Mexico City, Mexico
Application Type: Case Report

The ease of use of mini orthodontics screws in skeletal anchorage
Nazario Russo, et al.
Benevento, Italy
Application Type: Research

Influence of profile patterns on postoperative soft tissue changes in mandibular prognathism
Mamiko Sakai, et al.
Fukuoka, Japan
Application Type: Research

Laser doppler flowmetry evaluation of pulpal blood flow in orthodontics
Alvaro Salles, Billy Wiltshire
Winnipeg, MB, Canada
Application Type: Research

Orthodontic treatment of Parry-Romberg Syndrome
Anel Sanchez, et al.
Mexico, Mexico
Application Type: Case Report

Multidisciplinary approach of a complicated crown-root fracture on a young adult
Nelcy Sanchez, et al.
Weston, FL, USA
Application Type: Case Report

Reliability of two radiological methods to measure external apical root resorption
Lucineide Santos, et al.
Londrina, Brazil
Application Type: Research

Can platelet rich fibrin accelerate tooth movement?- a microCT study
Cagla Sar, et al.
Ankara, Turkey
Application Type: Research

Dental and skeletal age assessment in a southern Turkish orthodontic population
Zafer Sari, et al.
Antalya, Turkey
Application Type: Research

Mutation in the enamelin gene (ENAM, 606585.0001): an orthodontic patient with severe anterior open bite and amelogenesis imperfecta (AI).
Rubens Sautchuk Jr.
Curitiba, Brazil
Application Type: Case Report

Do tapered and square arch forms deliver different orthodontic forces? - light round NiTi preformed archwires
Naomi Saze, et al.
Tokyo, Japan
Application Type: Research

Rapid maxillary expansion in patient with deletion 9p syndrome
Lyle Schofield,
New York, NY, USA
Application Type: Case Report

Cone beam computed tomography study of apical root resorption induced by Herbst appliance
João Paulo Schwartz, et al.
Araraquara, Brazil
Application Type: Research

Shear bond strengths of different primers used for orthodontic purpose

Julia Seeliger, et al.

Dresden, Germany

Application Type: Research

Mandibular topographic changes followed with computed asymmetry assessment during growth

Emil Segatto, Angyalka Segatto

Szeged, Hungary

Application Type: Research

Surgical–orthodontic treatment of a skeletal Class III malocclusion - a case report

Anaid Segura, Alfredo Sanchez

México, Mexico

Application Type: Case Report

Prevalence of pneumatic cavities surrounding the temporomandibular joint

Berza Sen Yilmaz, et al.

Istanbul, Turkey

Application Type: Research

Correlation between tooth inclination and bone thickness in Class III dentofacial deformities

Michelle Sendyk, et al.

São Paulo, Brazil

Application Type: Research

Treatment of gummy smile with botox after orthognathic surgery

Aslı Şenol, et al.

Ankara, Turkey

Application Type: Case Report

Comparision of soft tissue changes after double jaw surgery with stereophotogrammetry and conventional cephalogram

Cemre Sensoy, et al.

Istanbul, Turkey

Application Type: Case Report

Radiological evaluation of the effect of augmented corticotomy on mandibular incisors in skeletal Class III patients

Dong-Hwi Seo, et al.

Seoul, South Korea

Application Type: Research

Effect of condylar head surface changes on lower facial bone position in patients with TMJ osteoarthritis

Yoo-Jin Seo, et al.

Yang-san, South Korea

Application Type: Research

A systematic review of early crossbite correction

Inderjit Shargill, Sotiria Gizani

Coventry, United Kingdom

Application Type: Research

Buccolingual tooth inclination in patients treated with self-ligating brackets: CBCT study

Wendel Shibasaki, et al.

São Paulo, Brazil

Application Type: Research

A case of tooth autotransplantation after long-term cryopreservation using a programmed freezer with a magnetic field

Hanaka Shikata, et al.

Hiroshima, Japan

Application Type: Case Report

Orthodontic treatment of impacted permanent teeth associated with dentigerous cyst

Muhammed Sibal, et al.

Ankara, Turkey

Application Type: Case Report

Beta-titanium auxiliary expansion wire for dental maxillary constriction

Gustavo Siécola, et al.

Bauru, Brazil

Application Type: Research

Posterior teeth angulations in anterior open bite and in normal occlusion

Vinicius Silva, et al.

Bauru, Brazil

Application Type: Research

Evaluation of frequency and distribution of white spot enamel lesions in consecutively debonded orthodontic patients

Satinder Singh, et al.

Chandigarh, India

Application Type: Research

Assessment of three-dimensional nasolabial changes following Le Fort I osteotomy

Irin Sirisoontorn

Bangkok, Thailand

Application Type: Research

Perceived impact of enforced first permanent molar extraction on adolescents and caregivers

Christine Smith, et al.

London, United Kingdom

Application Type: Research

Crown reshape in a Class III compensatory treatment with missing left central superior incisor: state of the art

Marcio Sobral, et al.

Salvador, Brazil

Application Type: Case Report

Treatment of Class III malocclusion and orthodontic facemask

Marlene Solís Olvera, Mauricio Ballesteros

México, Mexico

Application Type: Case Report

Tomographic evaluation of symphysis in different facial growth pattern and anteroinferior crowding

Thais Soliva, et al.

Londrina, Brazil

Application Type: Research

In vitro evaluation of osteoblast responses to carbon nanotube-coated titanium surfaces
Karthikeyan Subramani, et al.
Lexington, KY, USA
Application Type: Research

Influences of pulpectomy on root resorption during experimental tooth movement
Hiromi Sumi, et al.
Hiroshima, Japan
Application Type: Research

The quality of treatment outcome in the postgraduate orthodontic clinic, Mahidol University using the ABO-OGS
Kanitnan Sunanta, et al.
Ratchathewi District, Thailand
Application Type: Research

Physical properties and cytotoxicity of various types of dental floss
Lalita Supanitayanon, et al.
Bangkok, Thailand
Application Type: Research

A case of maxillary protrusion effectively treated without extraction during first-phase treatment
Yasuhiko Suzuki, et al.
Nagoya, Japan
Application Type: Case Report

Comparison of maxillary molar distalization using cervical headgear, pendulum and iPanda appliances using a Typodont model: 3D digital model analysis
Eduardo Yugo Suzuki, Boonsiva Suzuki
Chiang Mai, Thailand
Application Type: Research

Assessment of bite force distribution and timing in subjects with different types of malocclusions
Boonsiva Suzuki, Eduardo Suzuki
Chiang Mai, Thailand
Application Type: Research

Long term follow up of the patients with congenitally absent anterior teeth
Beyza Tagrikulu, Hulya Kilicoglu
Istanbul, Turkey
Application Type: Case Report

Retraction evaluation in Chinese bimaxillary protrusive patients treated by customized lingual appliance
Jiali Tan, et al.
Guangzhou, China
Application Type: Research

The Angle Class II, Division 2 malocclusion and its peculiarities
Orlando Tanaka, et al.
Curitiba, Brazil
Application Type: Case Report

Treatment approach of impacted maxillary central incisor associated with odontoma
Pradeep Tandon
Lucknow, India
Application Type: Case Report

Prevalence of mandibular asymmetries in adult patients with different sagittal jaw relationships: a cross-sectional study
Guilherme Thiesen, et al.
Florianópolis, Brazil
Application Type: Research

Evaluation of facial appearance among patients with repaired unilateral cleft lip and palate: comparison of patient- and clinician- ratings of satisfaction
Rungkarn Thittiwong, et al.
Khon Kean, Thailand
Application Type: Research

Craniofacial morphology of a group of Thai patients with different degrees of negative overjet
Udom Thongudomporn
Hatyai, Thailand
Application Type: Research

Lingual orthodontics: esthetic and fast option for long face adult patient's retreatment
Rita Thurler, et al.
São Paulo, Brazil
Application Type: Case Report

High prevalence of malocclusion among mouth breathing children: is it true?
Mariana Tinano, et al.
Belo Horizonte, Brazil
Application Type: Research

Cytotoxicity of different soft denture liners and an orthodontic acrylic material used for nasoalveolar molding on human gingival fibroblasts
Ebubekir Toy, et al.
Malatya, Turkey
Application Type: Research

Teeth autotransplantation, a viable alternative in orthodontic treatment
Patricia Trujillo Garcia
Mexico, Mexico
Application Type: Case Report

Comparison of 3D facial morphologies of Turkish adult males and females
Hakan Turkkahraman, et al.
Isparta, Turkey
Application Type: Research

Effects of different corticotomy techniques on canine distalization: A 3-dimensional finite element study
Cagri Turkoz, et al.
Ankara, Turkey
Application Type: Research

Fixed functional treatment of an adult with the Forsus Fatigue Resistant Device
Anı Türköz, et al.
Ankara, Turkey
Application Type: Case Report

Comparison of the rotations in premolars and molars with two different intraoral distalizers
Hacı Ünver, et al.
Ankara, Turkey
Application Type: Research

Oral manifestations of Crohn disease during orthodontic treatment
Ayla Üsküdar, et al.
Giessen, Germany
Application Type: Case Report

A determination of cephalometric measurements in Gorlin-Goltz Syndrome by means of Ricketts's analysis
Verónica Vaca de Dios, et al.
Guadalajara, Mexico
Application Type: Research

A comparison of commonly used measurements for assessing skeletal discrepancy
Javier Valdez
Mexico City, Mexico
Application Type: Research

Dentoskeletal effects of a temporary-skeletal-anchorage-device-supported rapid maxillary expander (TSADRME)
Jason Vassar, et al.
Memphis, TN, USA
Application Type: Research

Correction of Class III malocclusion using orth-surgical treatment
Alejandra Vazquez Valencia, et al.
Guadalajara, Mexico
Application Type: Case Report

Case report of patient with dental transposition
Maria Vega, Isaac Guzman
Mexico, Mexico
Application Type: Case Report

Evaluation of the influence of clinical use and sterilization process in transition temperature range (TTR) of thermally activated nickel-titanium archwires
Bruno Vieira, et al.
Maringá, Brazil
Application Type: Research

Class III treatment with lower bicuspid extraction: a very nice profile and results
Jose Mauricio Vieira, et al.
Belo Horizonte, Brazil
Application Type: Case Report

Class II treatment using CS-2000 intraoral appliance
Luiza Vieira, et al.
Belo Horizonte, Brazil
Application Type: Case Report

Stability of smooth and porous mini-implants: histological and histomorphometric evaluation – in vivo study

Giselle Vilani, et al.

Belo Horizonte, Brazil

Application Type: Research

Displacement of the mandibular condyles immediately after Herbst appliance insertion – 3D assessment

Paula Vilefort, et al.

Belo Horizonte, Brazil

Application Type: Research

AHI, BMI, and TNF α -rs1800629 comparison among obstructive sleep apnea patients with different facial profiles

Lucy Wachs, et al.

Lexington, KY, USA

Application Type: Research

Effect of TGF- β 1 on adhesion and migration of periodontal mesenchymal stem cells

Shuang Wang, et al.

Xi'an, China

Application Type: Research

Orthodontic treatment in conjunction with autotransplantation for a patient with mutilated dentitions

Shin-huei Wang, Johnny JL Liaw

Taipei, Taiwan

Application Type: Case Report

Evaluation of mechanical properties of aesthetic orthodontic wires

Julie Watanabe, et al.

Maringá, Brazil

Application Type: Research

Corrective orthodontic treatment of Class III malocclusion in a growing patient

Soo Young Weffort, Solange Fantini

São Paulo, Brazil

Application Type: Case Report

Canine eruption in non-autologous bone grafts for alveolar clefts

Paige Whitt, et al.

New Orleans, LA, USA

Application Type: Research

Agreement of direct viewing and tracing techniques for cervical vertebral maturation (CVM) assessment

Opas Wiwatworakul, et al.

Khon Kaen, Thailand

Application Type: Research

A predictive method for root dilacerations of impacted maxillary central incisors

Yue Xu

Guangzhou, China

Application Type: Research

Orthodontic tooth movement promotes bone generation followed calcifying epithelial odontogenic tumor removal
Mengdie Yan, et al.
Guangzhou, China
Application Type: Case Report

Cephalometric changes of maxillary protraction anchored in miniplates in patients with unilateral complete cleft lip and palate: preliminary results
Marília Yatabe, et al.
Bauru, Brazil
Application Type: Research

High positioned canines extrusion to occlusal plane with butterfly mechanic: case report
Nurbengü Yılmaz, et al.
Sivas, Turkey
Application Type: Case Report

Morphologic evaluation of the incisive canal in relation to the maxillary central incisors using CBCT image
Woo Kang Yoon, et al.
Seoul, South Korea
Application Type: Research

Surgical-orthodontic correction of Class III malocclusion with facial asymmetry- a case report
Kai Wen Yu, Yi Jane Chen
Taipei, Taiwan
Application Type: Case Report

Traction of impacted maxillary canines
Flavia Zanlochi, et al.
Bauru, Brazil
Application Type: Case Report

The reliability of anatomical porion vs. mechanical porion when constructing the Frankfort horizontal plane
Khalid Zawawi, Fahad Alsulaimani
Jeddah, Saudi Arabia
Application Type: Research

Three-dimensional superimposition to assess mandibular growth
Ping Zhu, et al.
Guangzhou, China
Application Type: Research