

2016 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 Orange County Convention Center West Building - Level 3 Concourse. E-Posters will also be available for viewing on the AAO website after Annual Session until July 31, 2016. Over 500 E-Poster titles were accepted. This takes the place of the Posterboard display.

Effect of low level laser therapy on the rate of canine retraction in orthodontic patients: a single center split-mouth randomized controlled trial
Mohamed Abd El Ghafour, et al.
Cairo, Egypt

The correlation between lower incisor crowding and arch length discrepancy (ALD)
Amra Abid, et al.
Islamabad, Pakistan

Non-syndromic severe hypodontia caused by a novel frameshift insertion mutation in the homeobox of MSX1 gene
Mushriq Abid, Paul Sharpe
London, United Kingdom

TMD and malocclusion, verification of the controversy
Amira Aboalnaga, et al.
Cairo, Egypt

A novel approach for bracket debonding: a preliminary investigation
Khaled Aboulazm, Seham Helmy
Alexandria, Egypt

Dynamic smile analysis using photographic and videographic editing softwares
Anirudh Agarwal, Karan Seth
Jaipur, India

Evaluation of changes in oral health-related quality of life (OHRQoL) during fixed appliance therapy at the Obafemi Awolowo University Teaching Hospital, Nigeria
Hakeem Agbaje, et al.
Ile-Ife, Nigeria

Does microabrasion increase enamel loss to white spot lesions treatment?
Cahide Aglarci, et al.
Izmir, Turkey

Reliability of various skeletal indicators in assessing sagittal facial soft tissue pattern
Maheen Ahmed, et al.
Karachi, Pakistan

Maxillary protraction in patients with unilateral complete cleft lip and palate: evaluation of immediate effects
Carlos Alberto Aiello, et al.
Bauru, Brazil

Evaluation of the effects of carbonated soft drink consumption on bone remodelling during orthodontic tooth movement, amount of tooth movement and root resorption; histological study
Seden Akan, et al.
Istanbul, Turkey

Relationship between pre-treatment case complexity and orthodontic clinical outcomes determined by the American Board of Orthodontics criteria
Hatice Akinci Cansunar, Tancan Uysal
Malatya, Turkey

Airways dimensions after skeletal anchorage miniplates-based treatment of Class II malocclusion
Abdulsalam Al Domaini, et al.
Al-Jouf, Saudi Arabia

Laser guided automated calibrating system for accurate bracket placement
Anitha Alagesan
Mangalore, India

Dental plaque assessment when a fixed appliance is used
Saud Al-Anezi
Kuwait, Kuwait

Expectation of orthodontic patients attending orthodontic clinic, college of dentistry
Sahar Albarakati
Riyadh, Saudi Arabia

Surface roughness of metal orthodontic brackets after bonding to enamel surfaces
Malak Aldosari, et al.
Riyadh, Saudi Arabia

Stability of palatal rugae as a forensic marker in orthodontically treated cases
Batool Ali, et al.
Karachi, Pakistan

Does maxillary posterior discrepancy affects upper molar angulations in open bite subjects?
Aron Aliaga-Del Castillo, et al.
Bauru, Brazil

Condylar remodeling after orthognathic surgery and its correlation with condylar displacement
Hussein Aljawad, et al.
Gwangju, South Korea

Correlation between skeletal age, standing and sitting heights, and craniofacial growth in a sample of juveniles
Thikriat Al-Jewair
Buffalo, NY, USA

Idiopathic condylar resorption: an orthodontist's perspective
Eman AlKofide
Riyadh, Saudi Arabia

Class III malocclusion treatment with lower first molar extraction
Kelei Cristina de Mathias Almeida, et al.
Araraquara, Brazil

Prevalence of incidental findings of pathology and abnormalities in pretreatment orthodontic panoramic radiographs
Renata Almeida-Pedrin, et al.
Bauru, Brazil

Non-thermal plasma treatment of enamel for orthodontic bracket bonding
Salem Almoammar, et al.
New York, NY, USA

The use of mini-implants to open bite correction and prosthetic rehabilitation in adult patient
Carlos Eduardo Alonso Vieira, et al.
Maringa, Brazil

Skeletal anchorage device as an alternative for the intrusion of posterior teeth extruded due to antagonist loss
Domingos Augusto Alonso Vieira, et al.
Maringa, Brazil

An esthetic assessment of various components of smile - a comparative photographic study
Nasser Alqahtani
Riyadh, Saudi Arabia

Shear bond strength of new and re-bonded orthodontic brackets to enamel surfaces
Hessa Alrejaye, et al.
Riyadh, Saudi Arabia

The effect of molar intrusion on the facial morphology during open bite treatment
Ahmad Saleem Al-Safadi, et al.
Damascus, Syria

The reliability of locating anatomical porion vs. mechanical porion when constructing the Frankfort horizontal plane on digital cephalograms
Fahad Alsulaimani
Jeddah, Saudi Arabia

Dizygotic twins with similar malocclusion treated differently
Birim Altuntas, Mustafa Ersoz
Malatya, Turkey

Comparison of the maturation cervical vertebral using CVM's method of Baccetti and Lamparski in patients from 8 to 15 years
Emerik Alvarado, et al.
Tepic, Mexico

Radicular resorption and orthodontic treatment
Reyna Alejandra Alvarado Acosta, et al.
Guadalajara, Mexico

Analysis of mesiodistal teeth diameters in brazilian individuals from the racial groups
Fabiola Alvarez, et al.
Bauru, Brazil

Rapid versus slow maxillary expansion in bilateral cleft lip and palate
Arthur Alves, et al.
Bauru, Brazil

Open bite treatment - long-term stability
Armandino Alves, Alexandra Reis
Braga, Portugal

Correlation between transverse discrepancy and temporomandibular disorders: facts revealed
Nehal Amer, et al.
Cairo, Egypt

Cone beam CT: new horizons for multidisciplinary treatment of dilaceration cases
Mahsa Amini, et al.
Tabriz, Iran

Class II correction in patient relationship seen in faculty dentistry depi unam ; for termination of case
(TMA using wire 0.021 x 0.025 to obtain dental relation Class I)
Palacios Anaid, Aguilar Jaime
Mexico City, Mexico

Craniofacial pattern classification of Korean growing patients with adenotonsillar hypertrophy
Stephanie Anderson, et al.
Seoul, South Korea

Determination of the Spee and Wilson Curves in the formation of monson sphere
Karen Arango, et al.
Mexico, Mexico

Is the head image in CBCTs positioned correctly?
Monica Araujo, et al.
Rio de Janeiro, Brazil

Increase vertical bone defect through orthodontic intrusion in adult patient with periodontal reduced: case report
Nataly Arias Altamirano, Silvia Tavera Fernandez
Mexico DF, Mexico

The size and shape of the sella turcica in adolescent orthodontic patients with different vertical growth patterns
Akif Arslan, et al.
Ordu, Turkey

In vitro evaluation of the ability of a new microscrew to hold orthodontic archwires
Niki Arveda, et al.
Ferrara, Italy

Mandibular arch changes after rapid and slow maxillary expansion in cleft patients
Vlvian Assis, et al.
Bauru, Brazil

Cherubism - a rare case presentation
Burak Aydil, et al.
Istanbul, Turkey

Orthodontic treatment of a patient with Williams Syndrome
Elif Dilara Ažeker, et al.
Kayseri, Turkey

Fracture mode evaluation after ceramic bracket debonding by shear strength test
Anamaria B Snellaert Tavares
Sao Paulo, Brazil

Effect of tricalcium phosphate material on miniscrew stability and histopathological evaluation of the surrounding tissue
Sibel Biren, et al.
Istanbul, Turkey

Comparison of the linear and angular 2D and 3D lateral cephalometric measurements
Arghavan Bahramnejad, et al.
Jacksonville, FL, USA

Bond strength and micro-computed tomography evaluation of pre-coated brackets bonded to teeth after three different treatment techniques
Waleed Bakhadher
Riyadh, Saudi Arabia

Mandibular dental arch changes produced by the differential and conventional expander in patients with complete bilateral cleft lip and palate
Maíra Balero Sorgini, et al.
Bauru, Brazil

A modified orthodontic bonding protocol for reduction of white spot lesions
Justyna Balicka, et al.
Westbury, NY, USA

Comparison of arch forms between Vietnamese-American and Caucasian populations
Richard Ballard, et al.
New Orleans, LA, USA

Oral health-related quality of life among patients treated with maxillary protraction and rapid palatal expansion-a pilot study
Burcu Balos Tuncer, et al.
Ankara, Turkey

Miniscrew failure rate in orthodontic treatment
Adriano Bandeca, et al.
Bauru, Brazil

Comparison on time efficiency between intraoral scanner and alginate impression techniques
Pedram Barkhordar, et al.
Newark, NJ, USA

Early prosthetic rehabilitation using orthodontic mini-implants in a child with hypodontia: a case report
Flavia Bartolomeo, et al.
Belo Horizonte, Brazil

Osseous support of maxillary posterior teeth in various vertical and transverse dimensions
Allison Batarse, et al.
Houston, TX, USA

Application of data mining for the identification and verification of mechanotransduction pathways in orthodontic tooth movement (OTM)
Uwe Baumert, Andrea Wichelhaus
Munich, Germany

Correction of an asymmetrical Class II malocclusion
Derya Baykal, Özlem Seçkin
Izmir, Turkey

Evaluation of factors affecting perception of smile esthetics in different age groups
Mohamed Bayome, et al.
Seoul, South Korea

'Surgery first' approach for the treatment of a skeletal Class III patient: case report
Cesar Benitez Barrios, Armando Montesinos
Mexico City, Mexico

Autotransplantation of a mandibular canine impacted to maxillary canine's site
Iveth Berliner
Mexico City, Mexico

The correction of transverse maxillary deficiency using REM
Maria Monica Beti, Fernanda Lorena Furlan
La Plata, Argentina

Genetic association of GHR and IGF-1 single nucleotide polymorphisms with facial growth
Ashley Betz, et al.
Lexington, KY, USA

Planning surgical correction of mandibular asymmetries and maxillary cants using face inversion
Gurprit Bhamrah, et al.
London, United Kingdom

Spurs use in anterior open bite
Maria Bianchi, et al.
La Plata, Argentina

Interdisciplinary treatment of patient with cleft lip-palate: a case report
Jose Eymard Bicalho, et al.
Belo Horizonte, Brazil

Evaluation of high-sensitivity C reactive protein and other biochemical parameters level in orthodontic patients
Fundagül Bilgiç, et al.
Hatay, Turkey

The economic impact of early tooth loss in Turkish children and adolescents
Mehmet Bilgin, et al.
Izmir, Turkey

Orthodontic - surgical treatment of a Class II skeletal patient with open bite
Mariana Bolio, Alfredo Sánchez
Mexico City, Mexico

Comparison of static and dynamic friction forces beta titanium wires
Daniele Bonacin, et al.
Curitiba, Brazil

Treatment of a skeletal Class III malocclusion in an adult patient without surgery
Marcos Fernando Bonadio, et al.
Maringa, Brazil

CBCT evaluation of skeletal and dental changes after RME therapy
Catharine Borders, et al.
Houston, TX, USA

3D evaluation of skeletal effects produced by the Herbst appliance
Suelen Borges, et al.
Curitiba, Brazil

The nose-to-mouth (No-Mo) ratio and its correlation with age, gender and ethnicity
Jose Bosio, et al.
Newark, NJ, USA

In vitro comparison of latex orthodontics elastics strength degradation in real time
Fausto Bramante, et al.
Bauru, Brazil

Factors affecting the stability of extraction-site closure
Larissa Bressane, et al.
Bauru, Brazil

Cephalometric effects of activator-headgear and Jones Jig for Class II malocclusion correction
Deborah Brito, et al.
Bauru, Brazil

Airway evaluation by computed tomography in Class III patients submitted to bimaxillary surgery
Caroline Bronfman, et al.
Bauru, Brazil

Relationship between Discrepancy Index (DI) scores and the posttreatment Objective Grading System (OSG) scores in Thai board of orthodontics patients
Weerawat Buapuean, et al.
Bangkok, Thailand

The color stability of esthetic elastomeric ligatures: a pilot study
Phonlakorn Buranaprasertsuk, et al.
Bangkok, Thailand

The evaluation of the condyle position in tooth borne and bone borne surgically assisted rapid palatal expansion cases with cone beam computed tomography and mandibular position indicator
Murat Caglaroglu, Burcu Senel
Kirikkale, Turkey

Evaluation of facial soft tissue changes of a patient with Class III malocclusion following orthognathic surgery using three-dimensional photographic analysis
Ezgi Cakir, Ebubekir Toy
Malatya, Turkey

Occlusal changes secondary to temporomandibular joint conditions: a critical review and implications for clinical practice
Waleska Caldas, et al.
Bauru, Brazil

Comparison of conventional and differential RME in patients with BCLP: a digital model assessment
Louise Calil, et al.
Bauru, Brazil

Torque expression and wire load deflection characteristics of five lingual bracket systems
Antonella Carlucci, et al.
Ferrara, Italy

Evaluating of the molecular effects of LLLT in bone remodeling induced by orthodontic force
Alessandra Carneiro, et al.
Belo Horizonte, Brazil

Esthetic assessment of Class III patients before and after surgical treatment according to the divine proportion
Cristina Carrera, Gabriel Sáez
Ninguno, Mexico

The angulation of the articular eminence in relation to skeletal class
Ingrid Castillo, et al.
Tepic, Mexico

A new spring design (F Spring) for eruption of impacted teeth
Fatih Çelebi
Tokat, Turkey

Orthognathic treatment of an asymmetric case with skeletal Class III malocclusion
Ozge Celik, et al.
Malatya, Turkey

Effect of rapid maxillary expansion on the pterygoid process, spheno-occipital synchondrosis and sella turcica in skulls with Classes II and III skeletal relationship - a finite element analysis study
Manuel Gustavo Chávez Sevillano, et al.
Lima, Peru

Use of Ricketts analysis for evaluation of skeletal, dental and soft tissue changes occurring with mandibular protraction appliance, PMA, in the treatment of Class II malocclusion, Division 1
Marcelo Chacon, et al.
Araras, Brazil

3D soft/hard-tissue analysis in 2-jaw orthognathic surgery using computer-aided three-dimensional simulated navigation
Yu-Jen Chang, et al.
Kaohsiung, Taiwan

Biomechanics to reduce the incisor proclination without extraction
Chairat Charoemratrote
Hat Yai, Thailand

The effect of LED photobiomodulation on proliferation of periodontal ligament stem cells : in vitro
Chaiyapol Chaweewannakorn, et al.
Bangkok, Thailand

Comparing buccolingual and mesiodistal space limitation for the mandibular second molar distalization
Angelia Chen, et al.
Kaohsiung, Taiwan

Patients' perception and satisfaction of the bonded lingual retainer
Kevin Chen, et al.
Detroit, MI, USA

The impact of third molars on the orthodontic relapse: a meta-analysis
Hsin-Chung Cheng, Hsueh-Yin Hsieh
Taipei, Taiwan

Does mother always know best? Parent-child concordance in oral health related quality-of-life is context dependent

Irene Ching, et al.
San Francisco, CA, USA

Quantifying posterior tooth movement effects on anterior facial vertical dimension

Giridhara Chittivelu, et al.
Henderson, NV, USA

The effects of alveolar bone loss and miniscrew position on tooth displacement during intrusion of the maxillary anterior teeth: finite element analysis

Sun-Mi Cho, et al.
Seoul, South Korea

The effect of orthodontic force application before replantation on periodontal tissue regeneration

Jin-Hyoung Cho, et al.
Gwangju, South Korea

Comparison of replica teeth made by 3D printers

Jin Hyoung Cho, et al.
Gunpo, South Korea

Do long-term changes in dental arch form affect incisor irregularity?

Chance Choate, et al.
Houston, TX, USA

Effect of orthodontic tooth movement on gene expression pattern in healing progress of alveolar defect in beagles

Eun-Kyung Choi, et al.
Seoul, South Korea

Stability of pre-orthodontic orthognathic surgery using intraoral vertical ramus osteotomy versus conventional treatment

Sung-Hwan Choi, et al.
Seoul, South Korea

Periodontal consequences of mandibular incisor proclination during presurgical orthodontic treatment in Class III malocclusion patients

YoonJeong Choi, et al.
Seoul, South Korea

Assessing biomechanic application in lingual orthodontics and its implications

Rohit Chopra
New Delhi, India

A comparison of transverse palatal width in adult sized untreated cleft palate patients with normal adult sized palates

Shenjuti Chowdhury, Thomas Cangialosi
Newark, NJ, USA

Treatment effect on bone anchored facemask

Dong Hwa Chung, et al.
Chunan, South Korea

Comparison of the histological effects of low level laser therapy and alveolar decortication on rodents
Muhsin Cifter, et al.
Istanbul, Turkey

Facial attractiveness of skeletal Class I and Class II individuals
Iacopo Cioffi, et al.
Toronto, ON, Canada

Initial enamel erosion, recent chemical and mechanical treatments and orthodontic bonding
Aline Costenoble, et al.
Montrouge, France

The role of bone resorption on jaw relationships
Matthew Cozin, et al.
San Francisco, CA, USA

Class III malocclusion and facial asymmetry correction with orthodontic and surgical treatment
Andrea Crespo Trujillo, Antonio Fernández López
Mexico D.F, Mexico

Comparison of IOTN and ICON index to determine the need for orthodontic treatment
María Fernanda Cruz López, et al.
Tepic, Mexico

Orthodontic treatment in patient with complete cleft lip and palate - case report
Anderson Cunha, et al.
Bauru, Brazil

A surgical-orthodontic approach with the repositioning of the premaxilla and autogenous bone graft to rehabilitate a patient with bilateral cleft of lip and palate
José Carlos Cunha Bastos Junior, et al.
Bauru, Brazil

Development of aesthetic orthodontic wire
Sérgio Cury, et al.
Bauru, Brazil

Defining beauty: quantifying facial parameters considered beautiful across various levels of dental education
Andrew Daabous, Francisco Plaza-Villegas
Detroit, MI, USA

Developmental TMD and its relation to different face types and airway dimensions
Amir Dadgar-Yeganeh, et al.
San Francisco, CA, USA

The virtual patient: planning orthodontic treatment in 3D
Ilhan Dagsuyu
Eskisehir, Turkey

Cephalometric comparison of Class II patients treated with two and four premolars extraction
Ricardo Dantas, et al.
Maringá, Brazil

The importance of the TAC in the decision of the treatment plan
Gabriela Davicino
Saenz Peña, Argentina

Release of Biphenol A and other monomers from orthodontic adhesives
Marc Deviot, et al.
Montrouge, France

Stability of early anterior open bite treatment with different devices: case reports
Flaviana Dias, et al.
Londrina, Brazil

Effects of smiling on the lip asymmetry
Ege Dogan, et al.
Izmir, Turkey

Rapid maxillary expansion in sixteen year old female patient with severe crowding
Maria Donoso, Antonio Fernández López
Mexico City, Mexico

Rate of tooth movement & patient comfort assessed using two methods of accelerated orthodontics (corticotomy & micro-osteoperforation): a split mouth prospective trial
Viraj Doshi, et al.
Mumbai, India

Inconsistency between ANB angle and Wits Appraisal
Gökhan Serhat Duran, et al.
Ankara, Turkey

Posterior cross bite and anterior open bite prevalence in students of 3 to 18 years of age
Carlos Roberto Dutra, et al.
Maringa, Brazil

Mechanical properties of orthodontic beta titanium alloy wires and their role in clinical practice
Yasuhiro Ebihara, et al.
Minato, Japan

Effect of low level laser therapy versus surgical corticotomy on the rate of maxillary canine retraction in orthodontic patients: a split-mouth randomized controlled trial
Noha El Ashmawi, et al.
Cairo, Egypt

Treatment of severe Class II malocclusion by clear aligner only
Tarek El-Bialy, Thamer Alkhadra
Edmonton, AB, Canada

Effects of the mini implants anchored forus fatigue resistant device therapy on the temporomandibular joints: a randomized controlled trial
Sherif Elkordy, et al.
Cairo, Egypt

Effect of friction versus frictionless mechanics on rate of anterior segment retraction: a systematic review
Mohamed Elkoussy
Cairo, Egypt

Therapeutic electrical stimulation of the hypoglossal nerve in obstructive sleep apnea
Tarek Elshebiny, et al.
Cleveland, OH, USA

Osteogenic distraction in skeletal Class II patient with micrognathia
Luz Consuelo Enríquez Chacón, Roberto Ruíz Díaz
Mexico DF, Mexico

Revolutionary treatment approach of incomplete bilateral cleft palate
Murat Eruz, et al.
Kayseri, Turkey

Are airway evaluations obtained through cone-beam-computed-tomography scans predictable from lateral cephalograms: a systematic review
Ehsan Eslami, et al.
Loma Linda, CA, USA

Oral rehabilitation with prosthetic anterior space closure by tooth mesialization
Danielle Espíndola Nandi Pimenta, et al.
Maringa, Brazil

Treatment of relapse in a patient with previous first premolar extractions
Díaz Espinoza, Jaime Aguilar
Mexico DF, Mexico

Orthodontic root resorption of endodontically treated teeth: a radiographic evaluation
Tarso Esteves, et al.
Maringa, Brazil

Orthodontic-surgical treatment of impacted permanent maxillary central incisor: case report
Adriana Estrada, Mario Katagiri
Mexico DF, Mexico

Reliability of overbite depth indicator (ODI) and antero-posterior dysplasia indicator (APDI) in the assessment of different vertical and sagittal dental patterns: a receiver operating characteristic (ROC) analysis
Farheen Fatima, et al.
Karachi, Pakistan

Epidemiological study in an orthodontic department
Liana Fattori, et al.
Santo Andre, Brazil

Dental anomaly pattern: a case report
Caroline Favero, et al.
Bauru, Brazil

Micro-shear bond strength of orthodontic adhesive to enamel and ceramic brackets
Renata Feres, et al.
Curitiba, Brazil

Evaluation of dentoalveolar changes in digital models of patients with anterior open bite treated with a fixed and removable palatal crib
Thais Fernandes, et al.
Londrina, Brazil

Orthodontic miniscrews as an alternative treatment: case report of a child with ectodermal dysplasia
Natalia Ferreira, et al.
Belo Horizonte, Brazil

The prevalence of malocclusion in children with obstructive sleep apnea (OSA)
Paola Festa, et al.
Rome, Italy

In vitro biocompatibility of orthodontic implants in fibroblast and osteoblast cell cultures
Hannah Finke, et al.
Rostock, Germany

Use of facemask in a patient with maxillary hypoplasia
Daniela Flores, Graciela Carbajal Morraz
Mexico DF, Mexico

Class II division 1 treatment with Jasper Jumper appliance: a 7-year follow-up case report
Camilla Fonçatti, et al.
Bauru, Brazil

Gorlin-Goltz syndrome: report of a case
Vanessa Fonseca, et al.
Guadalajara, Mexico

An atypical finger sucking habits
Isabelle Fornazari, et al.
Curitiba, Brazil

Bilateral asymmetric hemifacial microsomia with an unusual expression: report of two cases
Saeid Foroughi Moghadam, et al.
Tabriz, Iran

Interdisciplinary treatment of open bite, skeletal disorders and amelogenesis imperfecta
Rodolfo Francisco, et al.
Bauru, Brazil

Long-term relapse of maxillary anterior crowding: comparison of Class I and II malocclusions
Karina Freitas, et al.
Maringa, Brazil

Unilateral dentoalveolar expansion with periodontal accelerated osteogenic orthodontics (PAOO): case report
José Fuentes Miranda, Isaac Gúzman Valdivia
Mexico DF, Mexico

Comparison of dental arch form in cases treated with Damon and conventional appliance with rapid maxillary expansion
Bruna Furquim, et al.
Bauru, Brazil

Gingival response to maxillary incisors intrusion using CIA
Asser Gad, et al.
Alexandria, Egypt

Innovative orthodontic treatment in a child suffering from obstructive sleep apnea (OSA)
Angela Galeotti, et al.
Rome, Italy

Damage to the teeth enamel surface observed by scanning with an electron microscope when removing the remaining adhesive with fiberglass or diamond drills (sanding)
David Galvan, et al.
Zapopan, Mexico

Combined orthodontic and orthognatic surgery treatment of a Class III malocclusion with agenesis of maxillary lateral incisor
Caroline Gambardela-Tkacz, et al.
Sao Paulo, Brazil

Relationship between skin fold thickness on skeletal & dental maturation
Chandra Sekhar Gandikota, Balachandu Aitha
Hyderabad, India

Temporomandibular dysfunction in Italian Navy scuba divers: commercial vs personalized mouthpiece
Umberto Garagiola, et al.
Milan, Italy

Could low-level laser therapy avoid root resorption and still accelerate orthodontic tooth movement: an animal study
Aguinaldo Garcez, et al.
Campinas, Brazil

Effect of micro-osteoperforations on the rate of canine retraction
Xochitl Garcia, et al.
Guadalajara, Mexico

Closure spaces through maxillary sinus in a Class II patient
Luis Garcia-Gonzales, et al.
Lima, Peru

Osteoclasts response under micro pulse vibration cultivated in vitro
Salvador Garcia-Lopez, et al.
Mexico City, Mexico

Bone anchored maxillary protraction in patients with complete cleft lip and palate
Daniela Garib, et al.
Bauru, Brazil

Safe zones: a guide for miniscrew positioning
Kavitha Ginjupalli
Bengaluru, India

In vivo evaluation of oxidative stress induced by conventional and self-ligating brackets in serum, saliva and gingival crevicular fluid
Gokcenur Gokce, et al.
Izmir, Turkey

The role of orthodontics in the rehabilitation of Guadalajara Camptodactyly Syndrome Type I - case report
Oscar Gomes, et al.
Bauru, Brazil

Anterior open bite: a case report
Gabriel Gonzalez Mercado, et al.
Guadalajara, Mexico

Surgical-orthodontic correction of an adult patient with skeletal Class III malocclusion
Ali Gördeal, Feyza Ülkür
Istanbul, Turkey

Effect of bisphosphonate on enchondral ossification in the healing of fractures
Shigemi Goto, et al.
Nagoya, Japan

Determination the hyoid bone position in different malocclusions
Johanna Stephanie Granados Enríquez, et al.
Mérida, Mexico

Primary study on correlation between facial asymmetry and upper airway morphology in skeletal Class III malocclusion
Yan Gu
Beijing, China

Relapse of maxillary anterior crowding: short- and long-term study
Willian Guirro, et al.
Bauru, Brazil

Changes in soft tissue profile after rapid maxillary expansion with bonded expander
Rubina Gul, Faizan Ali
Lahore, Pakistan

Treatment of an impacted mandibular canine: a case report
Asuman Deniz Gümrü Çelikel, et al.
Istanbul, Turkey

The effects of orthodontic treatment on the anatomy and physiology of upper airway
Jing Guo, et al.
Jinan, China

Comparative evaluation of lip and tongue pressure on varying skeletal malocclusion
Ekta Gupta, Maninder Sidhu
Gurgaon, India

Effects of combined use of total-etch and self-etch primer on bracket bonding
Eren Gürses, Ahmet Yagci
Kayseri, Turkey

Comparison of two methods of sterilization the orthodontic pliers
Maria Fernanda Gutierrez, et al.
Tepic, Mexico

Cephalometric parameters in habitants of Guadalajara, Jalisco Mexico, by the analysis of Arnett in subjects with normal occlusion
Alejandra Gutierrez Navarro, et al.
Guadalajara, Mexico

Skeletal and occlusal characteristics in TMD adult patients with skeletal Class II malocclusion
Hye Jung Ha, et al.
Seoul, South Korea

Evaluation of the surface characteristics of thermoplastic polymer before and after intraoral exposure
Hye-Ryun Ha, et al.
Seoul, South Korea

Camouflage of Class III with lower 4's extraction
Hossam Hamoud
Istanbul, Turkey

Comparison on shear bond strength of orthodontic bracket according to surface treatment of resin nano ceramic(RNC)
Suh Young Han, et al.
Seoul, South Korea

An orthognathic case utilising an innovative material for surgical wafer construction
Lauren Hardwick, et al.
London, United Kingdom

Effect of low dose doxycycline on the periodontal status of the patients undergoing orthodontic treatment with fixed mechanotherapy
Rohan Hattarki
Belgaum, India

Innate visual perception of neutral head posture in three dimensions by laymen
Elizabeth Heath, et al.
Houston, TX, USA

Orthodontic correction of a significant maxillary centerline shift in a Class III patient using mini-implants
Emmett Hegarty, et al.
London, United Kingdom

Mandibular arch perimeter prediction using Ramanujan's equation for the ellipse
Bridget Henn, David Chung
Brooklyn, NY, USA

Comparative study of the treatment changes in Angle Class II, Division 1 and 2 malocclusions with three types of fixed intraoral appliances, maxillary molar distalizers
José Fernando Castanha Henriques, et al.
Bauru, Brazil

The relationship between periodontics and orthodontics in a clinical case of altered passive eruption
Guillermina Hernandez, Roberto Ruiz
Valle De Chalco, Mexico

Relation between third molar position and anterior crowding
Georgina Hernandez-Chacon, et al.
Tepic, Mexico

Interdisciplinary management of two impacted canines and one ectopic: a case report
Itzuri Herrera, Pedro Lara
Distrito Federal, Mexico

Case report - orthodontic - surgical patients with Class III Weaver- Smith syndrome treatment
Sandra Patricia Herrera Serrano, et al.
Mexico City, Mexico

Mesial movement of molars using orthodontic anchoring screws for congenitally missing premolars
Mayu Hida, et al.
Nagoya, Japan

Evaluation of molars and premolars angulation after molar distalization with Jones Jig appliance in conventional anchorage
Rodrigo Higa, et al.
Bauru, Brazil

Orthodontic space closure in the anterior region facilitated by a mini-implant for a patient with hypodontia of the lateral incisors
Nadia Hikmat, et al.
London, United Kingdom

Comparative evaluation of frictional forces in conventional and self-ligating polycrystalline ceramic brackets
Nattakarn Hirunyapanun, et al.
Bangkok, Thailand

Orthodontic treatment of an African male with severe Class II malocclusion using temporary anchorage devices
Phumzile Hlongwa, Tarisai Dandajena
Johannesburg, South Africa

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Behzad Salari, Mohsen Shirazi
Qazvin, Iran

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Parisa Salehi, et al.
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Alexandria, Egypt

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Skeletal and dental changes induced by bionator in early treatment of Class II
João Paulo Schwartz, et al.
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Giacomo Scuzzo, et al.
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Michelle Sendyk, et al.
Sao Paulo, Brazil

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Neslihan Şenışık, et al.
Isparta, Turkey

An adolescent patient with multiple impacted permanent and deciduous teeth
Sevde Şirikçi, Asuman Deniz Gümrü Çelikel
Istanbul, Turkey

Molar distalization with zygomatic anchorage - a case report
Nor Shahab, et al.
Istanbul, Turkey

Validity and reliability of Bailey Johnson tooth size discrepancy analysis
Sohrab Shaheed
Peshawar, Pakistan

Treatment of a Class II malocclusion complicated by digit sucking
Inderjit Shargill, et al.
Leeds, United Kingdom

Speech performance and oral impairments with three different types of lingualorthodontic appliances in the initial stage of fixed treatment
Kyumi Shethiya, Nikhilesh Vaid
Mumbai, India

Assessment of the efficiency of the lingual appliance during initial levelling and aligning
Sandeep Shetty, Vinita Dsouza
Mangalore, India

Effects of reduction in curing time with high-power LED in orthodontic brackets
Wendel Shibasaki, et al.
Salvador, Brazil

Impacted canine and geminated central incisor in a growing patient- a case report
Lina Sholi, et al.
Istanbul, Turkey

Evaluation of dental and alveolar crest effects after TMA auxiliary expansion arch - CBCT exams
Gustavo Siecola, et al.
Bauru, Brazil

Anterior retraction in patient with periodontal disease
Paula Silva, et al.
Maringá, Brazil

Class III treatment with biofunctional prescription
Ana Lucia Silva, et al.
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Malocclusions and morphofunctional aspects: is there correlation?
Regiane Silva, et al.
São Bernardo do Campo, Brazil

Class I malocclusion treatment in a patient with a supernumerary and two fused maxillary permanent central incisors: a 4-year follow-up
Vinicius Silva, et al.
Bauru, Brazil

The importance of orthodontic treatment to removal of harmful oral habits that can perpetuate TMD, interrelation orthodontics and TMD: a case report
Carolina Simionato, et al
Curitiba, Brazil

Closure of a minor midline diastema using Essix trays and elastics
Sümeyya Şin, et al.
Istanbul, Turkey

A contemporary synergistic approach in the management of developing Class III malocclusion•
Gyan Singh, Pradeep Tandon
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Role of 18F-Fluoride PET-CT scan in assessment of unilateral condylar hyperplasia in facio-mandibular asymmetry patients-a preliminary study
Satinder Singh, et al.
Chandigarh, India

Effects of various food-simulating drinks on shear bond strength of metallic orthodontic brackets
Gulshan Singh
Lucknow, India

Management of bilaterally impacted maxillary canines and second premolars: a case report
Alka Singh
Lucknow, India

The reliability of clinical decisions based on the cervical vertebrae maturation staging method (CVMS)
Aydin Sohrabi, et al.
Tabriz, Iran

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Azin Sohrabi, et al
Tabriz, Iran

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Sheila Soroushian, Kathy Marshall
Colorado Springs, CO, USA

Extraction of first permanent molars
Adriana Souza, et al.
Maringá, Brazil

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Lorena Souza, et al.
Bauru, Brazil

"Mirror, mirror, on the wall, self-perception explains most of all" Latino Adolescents' self-perceived malocclusion is more correlated with quality-of-life than normative examiner-assessments
Jessica St. Martin, et al.
San Francisco, CA, USA

Dimensional changes in the pharyngeal airway space after rapid palatal expansion: a prospective pharyngometer study
James Suh, et al.
Newark, NJ, USA

Deleterious oral habits in children with hearing impairment
Raluca Suhani, et al.
Cluj Napoca, Romania

Waardenburg syndrome type 2: an orthodontic perspective
Mihai Suhani, et al.
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Hiromi Sumi, et al.
Hiroshima, Japan

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Hideo Suzuki, et al.
Campinas, Brazil

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Selly Suzuki, et al.
Sao Paulo, Brazil

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Boonsiva Suzuki, Eduardo Suzuki
Chiang Mai, Thailand

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Chiang Mai, Thailand

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Sawsan Tabbaa, et al.

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Moustafa Tageldin, et al.

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Orlando Tanaka, et al.

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Kanok-on Tantipanichkul, et al.

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Taipei, Taiwan

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Indu Thokala, Dr. Sunitha

Khammam, India

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Bülent Topbaşı, et al.

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Nuri Mert Topbasi, et al.

Ordu, Turkey

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Kübra Gülnur Topsakal, et al.

Kayseri, Turkey

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Sepideh Torkan, et al.
Seattle, WA, USA

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Ebubekir Toy, et al.
Malatya, Turkey

Cephalometric assessment of soft tissue morphology of patients with acromegaly
Cumhur Tuncer, et al.
Ankara, Turkey

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Hakan Turkkahraman, Fatma Ozzeybek Can
Isparta, Turkey

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Faruk Ucar, et al.
Konya, Turkey

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Borisorn Udomthanaporn, et al.
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Daniela Urciuoli, et al.
Jacksonville, FL, USA

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Weber Ursi, et al.
Sao Jose dos Campos, Brazil

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Tancan Uysal, Hatice Akinci Cansunar
Malatya, Turkey

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Veronica Vaca, et al.
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Nathali Valdez, Isaac Guzmán
Mexico DF, Mexico

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Víctor Hugo Valdivieso-García, et al.
Lima, Peru

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Meghna Vandekar, et al.
Navi Mumbai, India

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Juliana Vasconcelos, et al.
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Yulieth Velasquez Borda, Alfredo Sanchez Valverde
Distrito Federal, Mexico

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Ilknur Veli, et al.
Izmir, Turkey

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João Guilherme Vieira, et al.
Campinas, Brazil

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Bruno Vieira, et al.
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Carlos Villalobos, et al.
Guadalajara, Mexico

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Natalia Cristina Vilorio Ocaña, Mariano Ito Esparza
Mexico DF, Mexico

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Neismhy Vizcarra, Antonio Gomez
DF, Mexico

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Hsuan-Fang Wang, et al.
Taipei, Taiwan

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Julie Watanabe, et al.
Maringá, Brazil

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Retno Widayati, et al.
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Rosario Xolo, Roberto Ruiz
Mexico, Mexico

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Filiz Yagci, et al.
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Aycan Yalcin, et al.
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Srilakshmi Yampalla, Venkata Yudhistar
Khammam, India

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Yuka Yasumura, et al.
Chiba, Japan

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Marilia Yatabe, et al.
Bauru, Brazil

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Kamile Gamze Yazici, Aynur Aras
Izmir, Turkey

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Tolulase Yemitan, et al.
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Nurbengu Yilmaz, et al.
Sivas, Turkey

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Nilufer Yilmaz, Beyza Tağrikulu
Istanbul, Turkey

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Woo Kang Yoon, et al.
Seoul, South Korea

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Stephan Yoon, et al.
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Oh Young Sub, Jin Hyoung Cho
Iksan, South Korea

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Angie Zaki-Sabet, et al.
Bronx, NY, USA

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orthodontic patient population
Khalid Zawawi, et al.
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Helena Zawistowski, et al.
Mexico City, Mexico