

Reviews & Abstracts

The Reviews and Abstracts section of the Journal has, like Topsy, 'grewed and grewed', and is occupying an ever increasing proportion of the available space. The editorial team has received many favourable comments from readers regarding this part of the journal and we are grateful to those who took the trouble to express their views.

In this issue, readers will find that the web page address for the English language journals that we have been scanning since 1996 is given, together with the editor's thoughts regarding the facility with which the pages can be accessed. The contents of the web-page now form the basis for this issue's (and our previous issue) current awareness section.

From the start of Volume 28 (2001) only the web page address for these journals will be given, and it is hoped that readers will 'book-mark' these on their PC and follow-up the journals as they wish.

We will continue to publish the contents of the foreign language journals' and the *Australian Orthodontic Journal* as and when we receive copy, and will continue the occasional reviews from other journals—at least until the editorial team changes later in 2001. The new team will obviously make its own decisions on structure and content of the journal.

Book and software reviews will continue as usual, as will publication of the UTG abstracts from the British Orthodontic Conference.

EUROPEAN JOURNAL OF ORTHODONTICS

<http://www3.oup.co.uk/eortho/>

This easy to use site has the Table of Contents and Abstracts for each volume since 1996, and the full text of each article from Volume 19 (1997) onwards is available on-line to subscribers. Abstracts of the articles are available without subscription. The publishers will also e-mail the Table of Contents to you for each new issue on request and on receipt of your e-mail address. All this can be done through the web-page.

Stress relaxation and recovery behaviour of composite orthodontic archwires in bending

SW Zufall and RP Kusy (2000; 22: 1–12)

The inappropriateness of conventional orthodontic bond strength assessment protocols

T Eliades and W A Brantley (2000; 22: 13–23)

The effect of a maxillary lip bumper on tooth positions

R Häsler and B Ingervall (2000; 22: 25–32)

The retraction of upper incisors with the PG retraction system

M Dinçer, A Gülsen and T Türk (2000; 22: 33–41)

A comparison of chin cap and maxillary protraction appliances in the treatment of skeletal class III malocclusions

N Üçüncü, T Tortop Üçem and S Yüksel (2000; 22: 43–51)

Cranio-mandibular status and function in patients with habitual snoring and obstructive sleep apnoea after nocturnal treatment with a mandibular advancement splint: a 2-year follow-up

L Bondemark and R Lindman (2000; 22: 53–60)

Long-term follow-up of clinical symptoms in TMD patients who underwent occlusal reconstruction by orthodontic treatment

T Imai, T Okamoto, T Kaneko, K Umeda, T Yamamoto and S Nakamura (2000; 22: 61–67)

A sella turcica bridge in subjects with severe craniofacial deviations

JP Beckett, S Einersen and I Kjær (2000; 22: 69–74)

Overbite depth and anteroposterior dysplasia indicators: the relationship between occlusal and skeletal patterns using the receiver operating characteristic (ROC) analysis

JW Freudenthaler, AG Celar and B Schneider (2000; 22: 75–83)

Long-term follow-up of maxillary incisors with severe apical root resorption

E Levander and O Malmgren (2000; 22: 85–92)

Initial cleft size does not correlate with outcome in unilateral cleft lip and palate

N Johnson, A Williams, S Singer, P Southall and J Sandy (2000; 22: 93–100)

Location of the glenoid fossa after a period of unilateral masticatory function in young rabbits

A Poikela, P Pirttiniemi and T Kantomaa (2000; 22: 105–112)

A mathematic-geometric model to calculate variation in mandibular arch form

S Mutinelli, M Manfredi and M Cozzani (2000; 22: 113–125)

Mixed dentition space analysis in a Thai population

J Jaroontham and K Godfrey (2000; 22: 127–134)

Analysis of dental casts of 6–8- and 12-year-old Kenyan children

J Hassanali and JW Odhiambo (2000; 22: 135–142)

Behavior management needs for the orthodontic treatment of children with disabilities

S Chaushu and A Becker (2000; 22: 143–149)

Orthodontic treatment for disabled children: motivation, expectation, and satisfaction

A Becker, J Shapira and S Chaushu (2000; 22: 151–158)

Do oral appliances enlarge the airway in patients with obstructive sleep apnoea? A prospective computerized tomographic study

DJ Gale, RH Sawyer, A Woodcock, P Stone, R Thompson and K O'Brien (2000; 22: 159–168)

Classification of occlusion reconsidered

I Brin, T Weinberger and E Ben-Chorin (2000; 22: 169–174)

Perceived aesthetic impact of malocclusion and oral self-perceptions in 14–15-year-old Asian and Caucasian children in Greater Manchester

NA Mandall, JF McCord, AS Blinkhorn, HV Worthington and KD O'Brien (2000; 22: 175–183)

The prenatal cranial base complex and hand in Turner syndrome

E Andersen, L Sonnesen, MS Kjaer, B Fischer Hansen and I Kjaer (2000; 22: 185–194)

Are orthognathic patients different?

Sj Cunningham, MS Gilthorpe and NP Hunt (2000; 22: 195–202)

Describing shape changes in the human mandible using elliptical Fourier functions

SY Chen, PE Lestrel, WJS Kerr and JH McColl (2000; 22: 205–216)

The changes in temporomandibular joint disc position and configuration in early orthognathic treatment: a magnetic resonance imaging evaluation

H Gökalp, M Arat and I Erden (2000; 22: 217–224)

Safe orthodontic bonding for children with disabilities during general anaesthesia

S Chaushu, R Zeltser and A Becker (2000; 22: 225–228)

Change in the width of the mandibular body from 6 to 23 years of age: an implant study

H Iseri and B Solow (2000; 22: 229–238)

Persistence of deciduous molars in subjects with agenesis of the second premolars

K Ith-Hansen and I Kjær (2000; 22: 239–243)

The long-term survival of lower second primary molars in subjects with agenesis of the premolars

K Bjerklín and J Bennett (2000; 22: 245–255)

Statistical methods for the comparison of measurements derived from orthodontic imaging

F Krummenauer and G Doll (2000; 22: 257–269)

Signs of temporomandibular disorders in girls receiving orthodontic treatment. A prospective and longitudinal comparison with untreated class II malocclusions and normal occlusion subjects

T Henrikson, M Nilner and J Kurol (2000; 22: 271–281)

Temporomandibular disorders and the need for stomatognathic treatment in orthodontically treated and untreated girls

T Henrikson and M Nilner (2000; 22: 283–292)

Effects of a three-dimensional bimetric maxillary distalizing arch

TT Üçem, S Yüksel, C Okay and A Gülsen (2000; 22: 293–298)

A new method of measuring how much anterior tooth alignment means to adolescents

D Fox, EJ Kay and K O'Brien (2000; 22: 299–305)

Functional and social discomfort during orthodontic treatment—effects on compliance and prediction of patients' adaptation by personality variables

HG Sergl, U Klages and A Zentner (2000; 22: 307–315)

Surface characterization of retrieved NiTi orthodontic archwires

T Eliades, G Eliades, AE Athanasiou and TG Bradley (2000; 22: 317–326)

The force levels required to mechanically debond ceramic brackets: an *in vitro* comparative study

S Arici and C Minors (2000; 22: 327–334)

A comparison of health state utilities for dentofacial deformity as derived from patients and members of the general public

SJ Cunningham and NP Hunt (2000; 22: 335–342)

ANGLE ORTHODONTIST

<http://www.angleorthodontist.org/>

This is another easy to use web site. It gives Table of Contents of articles from Volume 66 (1996) to the current issue. Clicking on the blue coloured title of the article gives the abstract, as well as other information such as the author's address and dates of submission and acceptance of the article. It is a pity that the web-page is not kept up to date, as, on the day of inspection (early July), the advertised 'Current Issue' was No 6, 1999, whereas, on the same day, the first issue of 2000 was already in the library of the Dental School in Cardiff.

AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

<http://www.mosby.com>

This is also an easy site to navigate. Click on 'Periodicals' from the home page, then click on 'Find a Journal' (Name), then click on AJODO and finally click on Current Issue. Everything loads quickly, and you are straight onto the contents of the current issue. Clicking on 'Abstract' brings up the abstract of the article as well as other helpful information such as the postal and e-mail address for reprint requests.

Eruption guidance appliance effects in the treatment of Class II, Division 1 malocclusions

Guilherme RP Janson, Cláudia Catão Alves da Silva, Earl O Bergersen, José Fernando Castanha Henriques and Arnaldo Pinzan, (2000: 117, 119)

Two-year follow-up of distraction osteogenesis: Its effect on mandibular ramus height in hemifacial microsomia

Iris Malagoni Marquez, Leward C Fish and John Paul Stella (2000: 117, 130)

An inference modeling of human visual judgment of sagittal jaw-base relationships based on cephalometry: Part I

Kenji Takada, Yuka Sorihashi, Christopher D Stephens and Satsuki Itoh (2000: 117, 140)

Cleft lip and palate management with maxillary expansion and space opening for a single tooth implant

Roy Sabri, (2000: 117, 148)

Reconstruction of an alveolar cleft for orthodontic tooth movement

Selçuk Yilmaz, Ali Rza Kılç, Ahmet Keles and Elvan Efeolu (2000: 117, 156)

Effect of light-cure tume on the initial shear bond strength of a glass-ionomer adhesive

Samir E Bishara, Leigh Von Wald, Marc E Olsen, John F Laffoon and Jane R jakobsen (2000: 117, 164)

Interarch tooth size relationships of 3 populations: "Does Bolton's analysis apply?"

Stephanie S Smith, Peter H Buschang and Etsuko Watanabe (2000: 117, 169)

Human tooth movement in response to continuous stress of low magnitude

Laura R Iwasaki, James E Haack, Jeffrey C Nickel and John Morton (2000: 117, 175)

The effect of tooth size discrepancy on occlusion: an experimental study

Marianne Heusdens, Luc Dermault and Ronald Verbeeck

Generalized tooth size discrepancy has limited effect on occlusion

(2000): 117, 184)

Clinical implications of digital orthodontics

W Ronald Redmond, William J Redmond and M John Redmond (2000: 117, 242)

Effects of electric current on partially condylectomized mandibles in growing rabbits

Christodoulos P Laspos (2000: 117, 245)

0.018" versus 0.022" slot orthodontic brackets: a comparative analysis

Eric Ray Nease (2000: 117, 245)

Improved clinical use of Twin-block and Herbst as a result of radiating viscoelastic tissue forces on the condyle and fossa in treatment and long-term retention: growth relativity

John C Voudouris and Mladen M Kuftinec (2000: 117, 247)

Nonsurgical and nonextraction treatment of skeletal Class III open bite: its long-term stability

Etsuko Kondo and TJ Aoba (2000: 117, 267)

Healing of autogenous intramembranous bone in the presence and absence of homologous demineralized intramembranous bone

A Bakr, M Rabie, Siew Han Chay and Alice MK Wong (2000: 117, 288)

Otic axis locator: closing the accuracy gap in cephalometrics and cast mounting

Raymond C Thurow (2000: 117, 298)

An inference modeling of human visual judgment of sagittal jaw-base relationships based on 303 cephalometry: Part II

Yuka Sorihashi, Christopher D Stephens and Kenji Takada (2000: 117, 303)

Extraction of maxillary first bicusps and mandibular lateral incisors, combined with orthognathic surgery to correct a severe Class II skeletal malocclusion

Seven L Cureton and Willian Terhune (2000: 117, 312)

Dental and facial skeletal characteristics and growth of males and females with Class II, Division 1 malocclusion between the ages of 10 and 14 (revisited)—Part I: Characteristics of size, form, and position

Ted Rothstein and Cecile Yoon-Tarlie (2000: 117, 320)

Dentoalveolar and skeletal changes associated with the pendulum appliance

Timothy J Bussick and James A McNamara, Jr (2000: 117, 333)

A clinical evaluation of a locking orthodontic facebow

Russell Samuels, Julian O'Neill, Ghite Bhavra, Darren Hills, Peter Thomas, Hans Hug, Moira Brown, Christina Haining, Melanie Stern, Andrew Di Biase, Sue Straw and Darianne Hoyen-Chung (2000: 117, 344)

An occlusal and cephalometric analysis of lower first and second premolar extraction effects

Brittany N Shearn and Michael G Woods (2000: 117, 351)

Clinical applications of composite intramembranous bone grafts

A Bakr, M Rabie and Siew Han Chay (2000: 117, 375)

Muscle activity with the mandibular lip bumper

Arndt Klocke, Ram S Nanda and Joydeep Ghosh (2000: 117, 384)

Rapid orthodontic tooth movement into newly distracted bone after mandibular distraction osteogenesis in a canine model

Eric Jein-Wein Liou, Alvaro A Figueroa and John W Polley (2000: 117, 391)

Alveolar bone resorption and the center of resistance modification (3-D analysis by means of the finite element method)

Allahyar and Shiraz (2000: 117, 399)

Relationship of natural head position to craniofacial morphology

Pedro Leitao and Ram S Nanda (2000: 117, 406)

For four sixes

Paul Jonathan Sandler, Robert Atkinson and Alison Margaret Murray (2000: 117, 418)

Useful data from application of the HLD (CalMod) Index

William S Parker, (2000: 117, 435)

Shear bond strengths of orthodontic plastic brackets

Guoqiang Guan, Teruko Takano-Yamamoto, Manabu Miyamoto, Tetsuo Hattori, Kunio Ishikawa and Kazuomi Suzuki (2000: 117, 438)

Angle, the innovator, mechanical genius, and clinician

Claude Matasa and TM Graber, (2000: 117, 444)

Treatment of a patient with a Class I malocclusion with bialveolar protrusion, mild upper and lower crowding, and mild mandibular prognathism

Roberto Hernandez Orsini (2000: 117, 453)

Treatment of a Class II, Division 1, malocclusion with the extraction of maxillary canines and mandibular first premolars

Raphael T Schach (2000: 117, 459)

A histologic and histomorphometric evaluation of pulpal reactions following rapid palatal expansion

Fulya Kayhan, Nazan Küçükkeles and Dilaver Demirel (2000: 117, 465)

Basal nitric oxide production is enhanced by hydraulic pressure in cultured human periodontal ligament fibroblasts

Chie Nakago-Matsuo, Toshihiko Matsuo and Tadao Nakago (2000: 117, 474)

Cephalometric comparisons between Chinese and Caucasian patients with obstructive sleep apnea

Yuehua Liu, Alan A Lowe, Xianglong Zeng, Minkui Fu and John A Fleetham (2000: 117, 479)

Vertical components of overbite change: a mathematical model

Siegfried A Naumann, Rolf G Behrents and Peter H Buschang (2000: 117, 486)

Orthodontia: its outlook

Rolf G Behrents (2000: 117, 513)

Vignette: T. M. Graber

Lee Graber (2000: 117, 516)

The American Association of Orthodontist at 2000: some thoughts for the new millennium

Ronald S Moen (2000: 117, 525)

The American Association of Orthodontists: for our common good, today and tomorrow

Mervin W Graham and Michael D Rennert (2000: 117, 527)

American Board of Orthodontics: past, present and future

James L Vaden and Vincent G Kokich (2000: 117, 530)

American Association of Orthodontists Foundation: past, present and future

John K Pershing, Jr and Daniel E Even (2000: 117, 533)

The World Federation of Orthodontists: "Bringing the world together"

William H DeKock and Lee W Graber (2000: 117, 536)

Toward understanding the molecular basis of craniofacial growth and development

Harold Slavkin (2000: 117, 538)

Stop me before I write again ...

Lysle E Johnston (2000: 117, 540)

Evidence-based treatment strategies: an ambition for the future

Anthony A Gianelly (2000: 117, 543)

The evolution of orthodontics to a data-based specialty

William R Proffit (2000: 117, 545)

Clinical research about clinical treatment: a new agenda for a new century

Sheldon Baumrind (2000: 117, 548)

Tomorrow's challenges for the science of orthodontics

Peter M Sinclair (2000: 117, 551)

The contributions of craniofacial growth to clinical orthodontics

Ram S Nanda (2000: 117, 553)

A statement regarding early treatment

Robert M Ricketts (2000: 117, 556)

The significance of late developmental crowding to early treatment planning for incisor crowding

Donald G Woodside (2000: 117, 559)

Orthodontic relapse versus natural development

Birgit Thilander (2000: 117, 562)

Serial extraction ... nobody does that anymore!

Jack G Dale (2000: 117, 564)

Maxillary transverse deficiency

James A McNamara, Jr (2000: 117, 567)

Dentofacial orthopedics or orthognathic surgery: is it a matter of age?

Hans Pancherz (2000: 117, 571)

Orthodontics about face: the re-emergence of the esthetic paradigm

David M Sarver and James L Ackerman (2000: 117, 575)

The myasteries of asymmetries

Donald R Joondeph (2000: 117, 577)

2D or not 2D? That is the question

JP Moss (2000: 117, 580)

Looking back and forward through my career in orthodontics

Fukio Miura (2000: 117, 582)

Orthodontic magic

James L Vaden (2000: 117, 584)

Clubs, quips, phrases, and hype: musings for the new millennium

Harry L Dougherty (2000: 117, 586)

Orthodontic biomechanics: vistas from the top of a new century

Robert P Kusy (2000: 117, 589)

Orthodontic bonding to artificial tooth surfaces: clinical versus laboratory findings

Björn U Zachrisson (2000: 117, 592)

Ceramic brackets and the need to develop national standards

Samir E Bishara (2000: 117, 595)

Orthodontics as a science: the role of biomechanics

Charles Burstone (2000: 117, 598)

Enhancing the value of orthodontic treatment: incorporating effective preventive dentistry into treatment

Robert L Boyd (2000: 117, 601)

The evolutionary tidal wave

RG 'Wick' Alexander (2000: 117, 604)

Contemporary technology-centered practice

David L Turpin (2000: 117, 606)

One viewpoint on teaching clinical orthodontics

Robert J Isaacson (2000: 117, 609)

The winds of change

Alex Jacobson (2000: 117, 611)

Orthodontics in the next 100 years: prediction or speculation?

Larson R Keso (2000: 117, 613)

The decade ahead: finding a better way

Arthur A Dugoni (2000: 117, 615)

Pride in orthodontics

TM Graber (2000: 117, 618)

Evaluation of profile esthetic change with mandibular advancement surgery

Andrew D Shelly, Thomas E Southard, Karin A Southard, John S Casco, Jane R Jakobsen, Kirk L Fridrich and John L Mergen (2000: 117, 630)

A comparative study of skeletal and dental stability between rigid and wire fixation for mandibular advancement

Stephen D Keeling, Calogero Dolce, Joseph E Van Sickels, Robert A Bays, Gary M Clark and John D Rugh (2000: 117, 638)

The genetics of human tooth agenesis: new discoveries for understanding dental anomalies

Heleni Vastardis (2000: 117, 650)

Dental age in maxillary canine ectopia

Adrian Becker and Stella Chaushu (2000: 117, 657)

Difference in dental lateral arch length between 9-year-olds born in the 1960s and the 1980s

Rune Lindsten, Björn Ögaard and Erik Larsson (2000: 117, 663)

Sagittal changes after maxillary protraction with expansion in Class III patients in the primary, mixed, and late mixed dentitions: a longitudinal retrospective study

Marc Saadia and Edgar Torres (2000: 117, 669)

Craniofacial morphology in orthodontically treated patients of Class III malocclusion with stable and unstable treatment outcomes

Khatoon Tahmina, Eiji Tanaka and Kazuo Tanne (2000: 117, 681)

Treatment effects of simple fixed appliance and reverse headgear in correction of anterior crossbites

Yan Gu, A Bakr, M Rabie and Urban Hägg (2000: 117, 691)

Evaluation of the vertical holding appliance in treatment of high-angle patients

Marc DeBerardinis, Tony Stretesky, Pramod Sinha and Ram S Nanda (2000: 117, 700)

The effects of chronic absence of active nasal respiration on the growth of the skull: a pilot study

Willis L Schlenker, Bryan D Jennings, M Toufic Jeiroudi and Joseph M Caruso (2000: 117, 706)

Seven parameters describing anteroposterior jaw relationships: postpubertal prediction accuracy and interchangeability

Hiroyuki Ishikawa, Shinji Nakamura, Hiroshi Iwasaki and Shinichi Kitazawa (2000: 117, 714)

Nonextraction treatment of a high-angle Class II malocclusion: a case report

Aldo Giancotti (2000: 117, 721)

Treatment of a Class II Division 1 malocclusion with a severe unilateral crossbite with combined orthodontic/orthognathic surgery

Steven L Cureton, Ronald Bice and James Strider (2000: 117, 728)

THE INTERNATIONAL JOURNAL OF ADULT ORTHODONTICS AND ORTHOGNATHIC SURGERY

<http://www.quintpub.com/index.html>

This is a difficult site to navigate, and is quite slow compared with previous sites. You need to click on 'Journals' on the horizontal bar at the top of the home page. This brings you to another page where you can 'Search All Journals'. To use this you have to know the author +/- key word as well as the journal. To access the journal to browse the contents you must scroll down the page and click on the journal's icon. On the next page you then have to move to the yellow window on the left of the screen and click on 'Current Table of Contents', etc., and finally click on 'Abstract' to read the detail.

The site seems mildly disorganized in that there are two links to issue 1 of 2000, and for 1999, the list of issues is not in numerical order. They do, however, have a list of contents going all the way back to Volume 1 (1986), with very crude abstracts of the papers. More recent volumes have a full abstract.

Psychosocial predictors of satisfaction among orthognathic surgery patients

Anthony A Scott, John P Hatch, John D Rugh, Thomas J Hoffman, Semilla M Rivera, Calogero Dolce and Robert A Bays

Pre- and postsurgical psycho-emotional aspects of the orthognathic surgery patient

Federica Bertolini, Vincenzo Russo and Giuliano Sansebastiano

Predictability of bimaxillary orthognathic surgery using 'piggyback' intermediate splints

Nadejda Stefanova and John Paul Stella

Skeletal relapse of maxillary osteotomies in unilateral cleft lip and palate patients

Federica Bertolini, Giacomo De Riu, Giuseppe Zorzan, Alberto Di Blasio and Enrico Sesenna

The Le Fort I downsliding osteotomy: a study of long-term hard tissue stability

Steve Wagner and Johan P. Reyneke

Reliability of bimaxillary surgical planning with the 3-D orthognathic surgery simulator

Gabor R Csaszar and Herbert Niederdelmann

An innovative method for accurate positioning of the proximal segment in sagittal split osteotomies

Mark T Burye and John Paul Stella

Interrelationships between the width, depth, and perimeter of the dental arch

Hassan Noroozi and Reza Saeeda

Long-term stability of mandibular setback surgery: a follow-up of 80 bilateral sagittal split osteotomy patients

Karim A Mobarak, Olaf Krogstad, Lisen Espeland and Torstein Lyberg

Stability of extraoral vertical ramus osteotomy: plate fixation versus maxillomandibular/skeletal suspension wire fixation

Karim A Mobarak, Olaf Krogstad, Lisen Espeland and Torstein Lyberg

The use of a face mask for postoperative retention in cleft lip and palate patients

Maren J Gaukroger, Graham Bounds and Joseph H Noar

Cephalometric characteristics of Korean Class III surgical patients and their relationship to plans for surgical treatment

Hyoung-Seon Baik, Hee-Kyung Han, Dong-Jun Kim and William R Proffit

An implant to eliminate anchorage loss during molar distalization: a case report involving the Graz implant-supported pendulum

Friedrich K Byloff, Hans Kärcher, Erns Clar and Franz Stoff

Obstructive sleep apnea (OSA): a cephalometric analysis of severe and non-severe OSA patients. Part I: multiple comparison of cephalometric variables

Vivat Tangugsorn, Olaf Krogstad, Lisen Espeland and Torstein Lyberg

Lingual orthodontics and orthognathic surgery

André Hugo, Johan P Reyneke and Ziegfried J Weber

JOURNAL OF CLINICAL ORTHODONTICS

<http://www.jco-online.com>

The Journal has only recently become available in an electronic format, and so their previous issues library only starts in April 2000. The initial graphic is good value and it is worth visiting the site just to watch the correction of a malocclusion.

The format is different to other journal's pages as the abstract is given without having to ask for it, but there is no mechanism to allow you to copy and paste the content pages, hence the empty space that follows.