

# Reviews and Abstracts

## JOURNALS

### European Journal of Orthodontics

#### Effect of Cytochalasin D on articular cartilage cell phenotype and shape in long-term organ culture

P. Pirttiniemi and T. Kantomaa. University of Oulu, Finland (1998, 20; 491–499).

#### A prospective evaluation of Bass, Bionator and Twin Block appliances. Part I—the hard tissues

H. M. Illing, D. O. Morris and R. T. Lee. The Royal London Hospital, UK (1998, 20; 501–516).

#### A comparative assessment of acceptance of different types of functional appliances

H. G. Sergl and A. Zentner. University of Mainz, Germany (1998, 20; 517–524).

#### No effect of lip bumper therapy on the pressure from the lower lip on the lower incisors

B. Ingervall and U. Thüer. University of Bern, Switzerland (1998, 20; 525–534).

#### Maxillofacial morphology and masseter muscle thickness in adults

M. Kubota, H. Nakano, I. Sanjo, K. Satoh, T. Sanjo, T. Kamegai and F. Ishikawa. Iwate Medical University, Japan (1998, 20; 535–542).

#### Malocclusion traits and symptoms and signs of temporomandibular disorders in children with severe malocclusion

L. Sonnesen, M. Bakke and B. Solow. University of Copenhagen, Denmark (1998, 20; 543–559).

#### Functional occlusion after fixed appliance orthodontic treatment: a UK three-centre study

A. Milosevic and R. H. A. Samuels. University of Liverpool and the Glenfield Hospital, Leicester, UK (1998, 20; 561–568).

#### The validation of an orthodontic expert system rule-base for fixed appliance treatment planning

C. Stephens and N. Mackin. University of Bristol Dental School, UK (1998, 20; 569–578).

#### The Denture Frame Analysis: an additional diagnostic tool

A. G. Celar, J. W. Freundenthaler, R. M. Celar, E. Jonke and B. Schneider. Univesitat Wien, Vienna, Austria (1998, 20; 579–587).

#### A comparative *in vitro* study of the frictional characteristics of two types of self-ligating brackets and two types of pre-adjusted edgewise brackets tied with elastomeric ligatures

S. Thomas, M. Sherriff, D. Birnie. Strathclyde Hospital, Lanarkshire and Guy's and St Thomas's Hospitals, London, UK (1998, 20; 589–596).

#### Lower arch crowding in the third decade

M. E. Richardson and J. S. Gormley. The Royal Hospitals, Belfast, Northern Ireland (1998, 20; 597–607).

### American Journal of Orthodontics and Dentofacial Orthopedics

#### Dentinogenesis imperfecta: a case report

M. D. Crowell. Sweetwater, Tenn. USA (1998, 113; 367–371).

#### Rapid canine retraction through distraction of the periodontal ligament

E. J. W. Liou and C. Shing Huang. Taipei, Taiwan (1998, 114; 372–382).

#### Effectiveness and duration of orthodontic treatment in adults and adolescents

S. I. Robb, C. Sadowsky, B. J. Schneider, E. A. BeGole. University of Illinois, USA (1998, 113; 383–386).

#### The effect of different porcelain conditioning techniques on shear bond strength of stainless steel brackets

I. Gillis, M. Redlich. Hebrew University-Hadassah, Israel (1998, 114; 387–392).

#### Long-term comparison of extraction and nonextraction alternatives in matched samples of African American patients

B. L. Hagler, J. Lupini and L. E. Johnston Jr. The University of Michigan, USA. (1998, 114; 393–403).

#### A three-dimensional computerized mesh diagram analysis and its application in soft tissue facial morphometry

V. F. Ferrario, C. Sforza, J. H. Schmitz, A. Miani Jr, G. Serrao. Milan, Italy (1998, 114; 404–413).

#### Adherence of *Streptococcus mutans* to orthodontic brackets

A. Fournier, L. Payant, R. Bouclin. Santa-Foy, Quebec (1998, 114; 414–417).

#### Shape-coordinate analysis of skeletal changes induced by rapid maxillary expansion and facial mask therapy

L. Franchi, T. Baccetti, J. A. McNamara Jr. University of Florence, Italy and University of Michigan, USA (1998, 114; 418–426).

#### The reliability of dental x-ray film in assessment of MP3 stages of the pubertal growth spurt

H. M. Abdel-Kader. Al-Azhar University, Egypt (1998, 114; 427–429).

#### A comparative study of anchorage in bioprogressive versus standard edgewise treatment in Class II correction with intermaxillary elastic force

E. K. Ellen, B. J. Schneider, T. Sellke. University of Illinois, USA (1998, 113; 430–436).

#### 'Effective condylar growth' and chin position changes in Herbst treatment: a cephalometric roentgenographic long-term study

H. Pancherz, S. Ruf, P. Kohlhas. University of Giessen, Germany (1998, 114; 437–446).

#### Effects of different types of light guides on shear bond strength

S. E. Bishara, L. VonWald, J. Zamtua. University of Iowa, USA (1998, 113; 447–451).

**The effect of microetching on the bond strength of metal brackets when bonded to previously bonded teeth: an *in vitro* study**

J. K. Grabousko, R. N. Staley, J. R. Jakobsen. University of Iowa, USA (1998, 113; 452-460).

**Long-term TMJ effects of Herbst treatment: a clinical and MRI study**

S. Ruf, H Pancherz. University of Giessen, Germany (1998, 114; 475-483).

**Effects of protraction mechanics on the midface**

V. Pangrazio-Kulbersh, J. Berger, G. Kersten. University of Detroit Mercy, Michigan, USA and Victoria, Canada (1998, 114; 484-491).

**Assessment of skeletal and dental changes by maxillary protraction**

A. J. Sung and H. S. Baik. Yonsei University, Seoul, Korea (1998, 114; 492-502).

**Short-term temperature changes influence the force exerted by superelastic nickel-titanium archwires activated in orthodontic bending**

T. R. Miling, J. Ødegaard. Ullevaal Hospital, Oslo, Norway (1998, 114; 503-509).

**Bond strength with APF applied after acid etching**

C. Liang Meng, C. Hsing Li, W. Nan Wang. Taipei, Taiwan, Republic of China (1998, 114; 510-513).

**The use of bovine enamel in bonding studies**

L. J. Oesterle, W. C. Shellhart. University of Colorado Health Sciences Center, USA (1998, 113; 514-519).

**Cortical bone remodelling/tooth movement ratio during maxillary incisor retraction with tip versus torque movements**

A. D. Vardimon, E. Oren, Y. Ben-Bassat. Tel Aviv University, The Hebrew University, Israel (1998, 114; 520-529).

**Occlusal stability after extraction orthodontic therapy in adult and adolescent patients**

H. Miyazaki, E. Motegi, K. Yatabe, Y. Isshiki. Tokyo Dental College, Japan (1998, 112; 530-537).

**Effect of early orthopedic intervention on hemifacial microsomia patients: an approach to a cooperative evaluation of treatment results**

B. Kahl-Nieke, R. Fischbach. University of Hamburg and of Cologne, Germany (1998, 114; 538-350).

**Occlusal and functional evaluations in adults: a case report**

J. S. Dahan. University of Louvain, Belgium (1998, 114; 551-557).

**Evaluation of titanium brackets for orthodontic treatment: part I. The passive configuration**

R. P. Kusy, J. Q. Whitley, W. W. Ambrose, J. G. Newman. University of North Carolina, USA (1998, 114; 558-572).

**Comparison of two nonradiographic methods of predicting permanent tooth size in the mixed dentition**

S. E. Bishara and J. R. Jakobsen. University of Iowa, USA (1998, 113; 573-576).

**Effect of ion implantation of TMA archwires on the rate of orthodontic sliding space closure**

K. Kula, C. Philips, A. Gibilaro, W. R. Proffit. University of North Carolina, USA (1998, 114; 577-581).

**Postorthodontic dental changes: a longitudinal study**

R. A. Gardner, E. F. Harris, L. Vaden. Myrtle Beach and Memphis and Cookeville, Tenn. USA (1998, 114; 582-587).

**Objective grading system for dental casts and panoramic radiographs**

J. S. Casco, J. L. Vaden, V. G. Kokich, J. Damone, R. D. James, T. J. Cangialosi, M. L. Riolo, S. E. Owens Jr, E. D. Bills. American Board of Orthodontics (1998, 114; 589-599).

**Journal of Clinical Orthodontics**

**Simultaneous intrusion and retraction of the anterior teeth**  
V. Kalra. University of Pittsburgh, USA (1998, 32; 535-540).

**Clinical evaluation of tooth-size discrepancy**

R. E. Binder, S. M. Cohen. University of Medicine and Dentistry of New Jersey, USA (1998, 32; 544-546).

**Modifications of the distal jet**

S. J. Bowman. Portage, Michigan USA (1998, 32; 549-556).

**Correction of anterior crossbite with a combination technique**

R. K. Hong, J. H. Ahn, B. C. Soh. Seoul, Korea (1998, 32; 557-561).

**The hygienic rapid palatal expander**

W. Hamula, D. W. Hamula, A. Hurt. Colorado Springs, USA (1998, 32; 562-567).

**Use of disclosing material to detect fixed retainer bond failures**

A. Wasserstein, N. Brexniak. Tel-Aviv, Israel (1998, 32; 598-599).

**Easy solutions for two common problems with Essix retainers**

N. Romanides, D. Barckhausen. New Jersey, USA (1998, 32; 600).

**An easy method of checking archform and canine width**

U. Visessaksanti. Bangkok, Thailand (1998, 32; 608-610).

**Class II combination therapy**

S. J. Bowman. Portage, Michigan, USA (1998, 32; 611-620).

**Orthodontic uprighting of horizontally impacted mandibular second molars**

J. E. Eckhart. Manhattan Beach, CA., USA (1998, 32; 621-624).

**Modified Quad Helix for Class III treatment**

S. J. Nute, D. D. Dibiase. Southend and Royal London Hospitals, UK (1998, 32; 626-629).

**Other Journals**

The *British Journal of Orthodontics* has received the following journals:

*Ortognatodonzia Italiana*, 1998, Vol. 7 No. 4.  
It contains six articles in Italian with English summaries.

*Revista da Sociedade Brasileira de Ortodontia* 1998, Vol. 3 No. 5

It contains seven articles in Brazilian with English summaries