**CLINICAL ORAL INVESTIGATION**

**CONTENTS**

**Vol. 16 Issue.1 Feb 2012**

|  |  |  |
| --- | --- | --- |
| [Retention of orthodontic brackets bonded with resin-modified GIC versus composite resin adhesives—a quantitative systematic review of clinical trials](http://link.springer.com/article/10.1007/s00784-011-0626-8) | 1 | [Steffen Mickenautsch](http://link.springer.com/search?facet-author=%22Steffen+Mickenautsch%22), [Veerasamy Yengopal](http://link.springer.com/search?facet-author=%22Veerasamy+Yengopal%22), [Avijit Banerjee](http://link.springer.com/search?facet-author=%22Avijit+Banerjee%22) |
| [Possible hazardous effects of hydrofluoric acid and recommendations for treatment approach: a review](http://link.springer.com/article/10.1007/s00784-011-0636-6)  | 15 | [Mutlu Özcan](http://link.springer.com/search?facet-author=%22Mutlu+%C3%96zcan%22), [Arezo Allahbeickaraghi](http://link.springer.com/search?facet-author=%22Arezo+Allahbeickaraghi%22), [Mine Dündar](http://link.springer.com/search?facet-author=%22Mine+D%C3%BCndar%22) |
| [Comparing the effects of chlorhexidine and persica on alveolar bone healing following tooth extraction in rats, a randomised controlled trial](http://link.springer.com/article/10.1007/s00784-010-0474-y)  | 25 | [Mojtaba Dorri](http://link.springer.com/search?facet-author=%22Mojtaba+Dorri%22), [Shokufeh Shahrabi](http://link.springer.com/search?facet-author=%22Shokufeh+Shahrabi%22), [Alireza Navabazam](http://link.springer.com/search?facet-author=%22Alireza+Navabazam%22) |
| [Counting touching cell nuclei using fast ellipse detection to assess in vitro cell characteristics: a feasibility study](http://link.springer.com/article/10.1007/s00784-010-0479-6)  | 33 | [Dan Dominik Brüllmann](http://link.springer.com/search?facet-author=%22Dan+Dominik+Br%C3%BCllmann%22), [Andreas Pabst](http://link.springer.com/search?facet-author=%22Andreas+Pabst%22), [Karl M. Lehmann](http://link.springer.com/search?facet-author=%22Karl+M.+Lehmann%22)… |
| [Impaired somatosensation in tongue mucosa of smokers](http://link.springer.com/article/10.1007/s00784-010-0480-0)  | 39 | [Sareh Said Yekta](http://link.springer.com/search?facet-author=%22Sareh+Said+Yekta%22), [Andreas Lückhoff](http://link.springer.com/search?facet-author=%22Andreas+L%C3%BCckhoff%22), [Dejan Ristić](http://link.springer.com/search?facet-author=%22Dejan+Risti%C4%87%22)… |
| [Histologic and histomorphometric results of three bone graft substitutes after sinus augmentation in humans](http://link.springer.com/article/10.1007/s00784-010-0484-9)  | 45 | [Marzia Pettinicchio](http://link.springer.com/search?facet-author=%22Marzia+Pettinicchio%22), [Tonino Traini](http://link.springer.com/search?facet-author=%22Tonino+Traini%22), [Giovanna Murmura](http://link.springer.com/search?facet-author=%22Giovanna+Murmura%22)… |
| [Patients’ awareness of the potential benefit of smoking cessation. A study evaluating self-reported and clinical data from patients referred to an oral medicine unit](http://link.springer.com/article/10.1007/s00784-010-0488-5)  | 55 | [Michael M. Bornstein](http://link.springer.com/search?facet-author=%22Michael+M.+Bornstein%22), [Marc Frei](http://link.springer.com/search?facet-author=%22Marc+Frei%22), [Pedram Sendi](http://link.springer.com/search?facet-author=%22Pedram+Sendi%22)… |
| [Case series: non vascular considerations in trigeminal neuralgia](http://link.springer.com/article/10.1007/s00784-010-0499-2)  | 63 | [Sathesh Balasundram](http://link.springer.com/search?facet-author=%22Sathesh+Balasundram%22), [Stefano Cotrufo](http://link.springer.com/search?facet-author=%22Stefano+Cotrufo%22), [Colin Liew](http://link.springer.com/search?facet-author=%22Colin+Liew%22) |
| [Human saliva exposure modulates bone cell performance in vitro](http://link.springer.com/article/10.1007/s00784-010-0506-7)  | 69 | [Susanne Proksch](http://link.springer.com/search?facet-author=%22Susanne+Proksch%22), [Thorsten Steinberg](http://link.springer.com/search?facet-author=%22Thorsten+Steinberg%22), [Constantin Keller](http://link.springer.com/search?facet-author=%22Constantin+Keller%22)… |
| [Influence of bisphosphonates on the osteoblast RANKL and OPG gene expression in vitro](http://link.springer.com/article/10.1007/s00784-010-0477-8)  | 79 | [Felix Peter Koch](http://link.springer.com/search?facet-author=%22Felix+Peter+Koch%22), [Christina Merkel](http://link.springer.com/search?facet-author=%22Christina+Merkel%22), [Thomas Ziebart](http://link.springer.com/search?facet-author=%22Thomas+Ziebart%22)… |
| [The influence of bisphosphonates on viability, migration, and apoptosis of human oral keratinocytes—in vitro study](http://link.springer.com/article/10.1007/s00784-010-0507-6)  | 87 | [Andreas M. Pabst](http://link.springer.com/search?facet-author=%22Andreas+M.+Pabst%22), [Thomas Ziebart](http://link.springer.com/search?facet-author=%22Thomas+Ziebart%22), [Felix P. Koch](http://link.springer.com/search?facet-author=%22Felix+P.+Koch%22)… |
| [Antibacterial properties and human gingival fibroblast cell compatibility of TiO2/Ag compound coatings and ZnO films on titanium-based material](http://link.springer.com/article/10.1007/s00784-010-0504-9)  | 95 | [Yin-Yu Chang](http://link.springer.com/search?facet-author=%22Yin-Yu+Chang%22), [Chih-Ho Lai](http://link.springer.com/search?facet-author=%22Chih-Ho+Lai%22), [Jui-Ting Hsu](http://link.springer.com/search?facet-author=%22Jui-Ting+Hsu%22), [Chih-Hsin Tang](http://link.springer.com/search?facet-author=%22Chih-Hsin+Tang%22)… |
| [Test–retest reliability of MRI-based disk position diagnosis of the temporomandibular joint](http://link.springer.com/article/10.1007/s00784-010-0476-9)  | 101 | [Chiyomi Nagamatsu-Sakaguchi](http://link.springer.com/search?facet-author=%22Chiyomi+Nagamatsu-Sakaguchi%22), [Kenji Maekawa](http://link.springer.com/search?facet-author=%22Kenji+Maekawa%22), [Tsuyoshi Ono](http://link.springer.com/search?facet-author=%22Tsuyoshi+Ono%22)… |
| [Surface thermodynamic homeostasis of salivary conditioning films through polar–apolar layering](http://link.springer.com/article/10.1007/s00784-011-0514-2)  | 109 | [Henny C. van der Mei](http://link.springer.com/search?facet-author=%22Henny+C.+van+der+Mei%22), [Don J. White](http://link.springer.com/search?facet-author=%22Don+J.+White%22), [Jelly Atema-Smit](http://link.springer.com/search?facet-author=%22Jelly+Atema-Smit%22)… |
| [Measurement, analysis and interpretation of examiner reliability in caries experience surveys: some methodological thoughts](http://link.springer.com/article/10.1007/s00784-010-0475-x)  | 117 | [Jimoh Olubanwo Agbaje](http://link.springer.com/search?facet-author=%22Jimoh+Olubanwo+Agbaje%22), [Timothy Mutsvari](http://link.springer.com/search?facet-author=%22Timothy+Mutsvari%22), [Emannuel Lesaffre](http://link.springer.com/search?facet-author=%22Emannuel+Lesaffre%22)… |
| [A 13-year clinical evaluation of two three-step etch-and-rinse adhesives in non-carious class-V lesions](http://link.springer.com/article/10.1007/s00784-010-0481-z)  | 129 | [Marleen Peumans](http://link.springer.com/search?facet-author=%22Marleen+Peumans%22), [Jan De Munck](http://link.springer.com/search?facet-author=%22Jan+De+Munck%22), [Kirsten L. Van Landuyt](http://link.springer.com/search?facet-author=%22Kirsten+L.+Van+Landuyt%22)… |
| [Micromechanical properties of veneer luting resins after curing through ceramics](http://link.springer.com/article/10.1007/s00784-010-0482-y) | 139 | [Elif Öztürk](http://link.springer.com/search?facet-author=%22Elif+%C3%96zt%C3%BCrk%22), [Reinhard Hickel](http://link.springer.com/search?facet-author=%22Reinhard+Hickel%22), [Şükran Bolay](http://link.springer.com/search?facet-author=%22%C5%9E%C3%BCkran+Bolay%22), [Nicoleta Ilie](http://link.springer.com/search?facet-author=%22Nicoleta+Ilie%22) |
| [Clinical performance of a nanofilled resin composite with and without an intermediary layer of flowable composite: a 2-year evaluation](http://link.springer.com/article/10.1007/s00784-010-0485-8)  | 147 | [Sebastian Stefanski](http://link.springer.com/search?facet-author=%22Sebastian+Stefanski%22), [Jan W. V. van Dijken](http://link.springer.com/search?facet-author=%22Jan+W.+V.+van+Dijken%22) |
| [Hydrogen peroxide release kinetics into saliva from different whitening products: a double-blind, randomized clinical trial](http://link.springer.com/article/10.1007/s00784-010-0491-x)  | 155 | [Duarte Nuno da Silva Marques](http://link.springer.com/search?facet-author=%22Duarte+Nuno+da+Silva+Marques%22)…  |
| [The German version of the Child Perceptions Questionnaire (CPQ-G11-14): translation process, reliability, and validity in the general population](http://link.springer.com/article/10.1007/s00784-010-0496-5)  | 165 | [Katrin Bekes](http://link.springer.com/search?facet-author=%22Katrin+Bekes%22), [Mike T. John](http://link.springer.com/search?facet-author=%22Mike+T.+John%22), [Rona Zyriax](http://link.springer.com/search?facet-author=%22Rona+Zyriax%22)… |
| [Curing efficiency of modern LED units](http://link.springer.com/article/10.1007/s00784-010-0498-3)  | 173 | [Adam Rencz](http://link.springer.com/search?facet-author=%22Adam+Rencz%22), [Reinhard Hickel](http://link.springer.com/search?facet-author=%22Reinhard+Hickel%22), [Nicoleta Ilie](http://link.springer.com/search?facet-author=%22Nicoleta+Ilie%22) |
| [Nanohybrid and microfilled hybrid versus conventional hybrid composite restorations: 5-year clinical wear performance](http://link.springer.com/article/10.1007/s00784-010-0500-0)  | 181 | [Senthamaraiselvi Palaniappan](http://link.springer.com/search?facet-author=%22Senthamaraiselvi+Palaniappan%22), [Liesbeth Elsen](http://link.springer.com/search?facet-author=%22Liesbeth+Elsen%22), [Inge Lijnen](http://link.springer.com/search?facet-author=%22Inge+Lijnen%22)… |
| [Analysis of marginal adaptation and sealing to enamel and dentin of four self-adhesive resin cements](http://link.springer.com/article/10.1007/s00784-010-0501-z)  | 191 | [Carina Maria Aschenbrenner](http://link.springer.com/search?facet-author=%22Carina+Maria+Aschenbrenner%22), [Reinhold Lang](http://link.springer.com/search?facet-author=%22Reinhold+Lang%22), [Gerhard Handel](http://link.springer.com/search?facet-author=%22Gerhard+Handel%22) |
| [Impact of Gluma Desensitizer on the tensile strength of zirconia crowns bonded to dentin: an in vitro study](http://link.springer.com/article/10.1007/s00784-010-0502-y)  | 201 | [Bogna Stawarczyk](http://link.springer.com/search?facet-author=%22Bogna+Stawarczyk%22), [Leonie Hartmann](http://link.springer.com/search?facet-author=%22Leonie+Hartmann%22), [Rahel Hartmann](http://link.springer.com/search?facet-author=%22Rahel+Hartmann%22)… |
| [Oxidative stress and cytotoxicity generated by dental composites in human pulp cells](http://link.springer.com/article/10.1007/s00784-010-0508-5)  | 215 | [Stephanie Krifka](http://link.springer.com/search?facet-author=%22Stephanie+Krifka%22), [Claudia Seidenader](http://link.springer.com/search?facet-author=%22Claudia+Seidenader%22), [Karl-Anton Hiller](http://link.springer.com/search?facet-author=%22Karl-Anton+Hiller%22)… |
| [A comparative evaluation of gutta-percha filled areas in curved root canals obturated with different techniques](http://link.springer.com/article/10.1007/s00784-011-0509-z)  | 225 | [Edgar Schäfer](http://link.springer.com/search?facet-author=%22Edgar+Sch%C3%A4fer%22), [Birthe Nelius](http://link.springer.com/search?facet-author=%22Birthe+Nelius%22), [Sebastian Bürklein](http://link.springer.com/search?facet-author=%22Sebastian+B%C3%BCrklein%22) |
| [Long-term effects of tongue piercing — a case control study](http://link.springer.com/article/10.1007/s00784-011-0510-6)  | 231 | [Dirk Ziebolz](http://link.springer.com/search?facet-author=%22Dirk+Ziebolz%22), [Aick Hildebrand](http://link.springer.com/search?facet-author=%22Aick+Hildebrand%22), [Peter Proff](http://link.springer.com/search?facet-author=%22Peter+Proff%22), [Sven Rinke](http://link.springer.com/search?facet-author=%22Sven+Rinke%22)… |
| [Wound healing following regenerative procedures in furcation degree III defects: histomorphometric outcomes](http://link.springer.com/article/10.1007/s00784-010-0478-7)  | 239 | [Nikolaos D. Gkranias](http://link.springer.com/search?facet-author=%22Nikolaos+D.+Gkranias%22), [Filippo Graziani](http://link.springer.com/search?facet-author=%22Filippo+Graziani%22), [Anton Sculean](http://link.springer.com/search?facet-author=%22Anton+Sculean%22)… |
| [Comparison of mesenchymal stem cells and autogenous cortical bone graft in the treatment of class II furcation defects in dogs](http://link.springer.com/article/10.1007/s00784-010-0486-7)  | 251 | [S. Burcak Simsek](http://link.springer.com/search?facet-author=%22S.+Burcak+Simsek%22), [Gonca Cayir Keles](http://link.springer.com/search?facet-author=%22Gonca+Cayir+Keles%22), [Sancar Barıs](http://link.springer.com/search?facet-author=%22Sancar+Bar%C4%B1s%22)… |
| [C-reactive protein in relation to early atherosclerosis and periodontitis](http://link.springer.com/article/10.1007/s00784-010-0487-6)  | 259 | [Maha Yakob](http://link.springer.com/search?facet-author=%22Maha+Yakob%22), [Jukka H. Meurman](http://link.springer.com/search?facet-author=%22Jukka+H.+Meurman%22), [Tomas Jogestrand](http://link.springer.com/search?facet-author=%22Tomas+Jogestrand%22), [Jacek Nowak](http://link.springer.com/search?facet-author=%22Jacek+Nowak%22)… |
| [T-helper-related cytokines in gingival crevicular fluid from adolescents with Down syndrome](http://link.springer.com/article/10.1007/s00784-010-0495-6)  | 267 | [Georgios Tsilingaridis](http://link.springer.com/search?facet-author=%22Georgios+Tsilingaridis%22), [Tülay Yucel-Lindberg](http://link.springer.com/search?facet-author=%22T%C3%BClay+Yucel-Lindberg%22), [Thomas Modéer](http://link.springer.com/search?facet-author=%22Thomas+Mod%C3%A9er%22) |
| [Anti-inflammatory effects of EMD in the presence of biomechanical loading and interleukin-1β in vitro](http://link.springer.com/article/10.1007/s00784-010-0505-8)  | 275 | [Marjan Nokhbehsaim](http://link.springer.com/search?facet-author=%22Marjan+Nokhbehsaim%22), [Birgit Deschner](http://link.springer.com/search?facet-author=%22Birgit+Deschner%22), [Jochen Winter](http://link.springer.com/search?facet-author=%22Jochen+Winter%22)… |
| [A three-dimensional comparison of a morphometric and conventional cephalometric midsagittal planes for craniofacial asymmetry](http://link.springer.com/article/10.1007/s00784-011-0512-4)  | 285 | [Janalt Damstra](http://link.springer.com/search?facet-author=%22Janalt+Damstra%22), [Zacharias Fourie](http://link.springer.com/search?facet-author=%22Zacharias+Fourie%22), [Marnix De Wit](http://link.springer.com/search?facet-author=%22Marnix+De+Wit%22), [Yijin Ren](http://link.springer.com/search?facet-author=%22Yijin+Ren%22) |
| [Methodological quality of a systematic review on physical therapy for temporomandibular disorders: influence of hand search and quality scales](http://link.springer.com/article/10.1007/s00784-010-0490-y)  | 295 | [Bart Craane](http://link.springer.com/search?facet-author=%22Bart+Craane%22), [Pieter Ubele Dijkstra](http://link.springer.com/search?facet-author=%22Pieter+Ubele+Dijkstra%22), [Karel Stappaerts](http://link.springer.com/search?facet-author=%22Karel+Stappaerts%22)… |
| [Psychopathological profile of patients with different forms of bruxism](http://link.springer.com/article/10.1007/s00784-010-0492-9)  | 305 | [Gurkan Rasit Bayar](http://link.springer.com/search?facet-author=%22Gurkan+Rasit+Bayar%22), [Recep Tutuncu](http://link.springer.com/search?facet-author=%22Recep+Tutuncu%22), [Cengizhan Acikel](http://link.springer.com/search?facet-author=%22Cengizhan+Acikel%22) |
| [Association between patient satisfaction with complete dentures and oral health-related quality of life: two-year longitudinal assessment](http://link.springer.com/article/10.1007/s00784-010-0483-x)  | 313 | [Thomas Stober](http://link.springer.com/search?facet-author=%22Thomas+Stober%22), [Daniel Danner](http://link.springer.com/search?facet-author=%22Daniel+Danner%22), [Franziska Lehmann](http://link.springer.com/search?facet-author=%22Franziska+Lehmann%22)… |
| [Bond of acrylic teeth to different denture base resins after various surface-conditioning methods](http://link.springer.com/article/10.1007/s00784-010-0493-8)  | 319 | [Reinhold Lang](http://link.springer.com/search?facet-author=%22Reinhold+Lang%22), [Carola Kolbeck](http://link.springer.com/search?facet-author=%22Carola+Kolbeck%22), [Rainer Bergmann](http://link.springer.com/search?facet-author=%22Rainer+Bergmann%22)… |
| [In vivo assessment of DNA damage induced in oral mucosa cells by fixed and removable metal prosthodontic appliances](http://link.springer.com/article/10.1007/s00784-010-0489-4)  | 325 | [Marinka Baričević](http://link.springer.com/search?facet-author=%22Marinka+Bari%C4%8Devi%C4%87%22), [Ivana Ratkaj](http://link.springer.com/search?facet-author=%22Ivana+Ratkaj%22), [Marin Mladinić](http://link.springer.com/search?facet-author=%22Marin+Mladini%C4%87%22)… |

**CLINICAL ORAL INVESTIGATION**

**CONTENTS**

**Vol. 16 Issue.2 April 2012**

|  |  |  |
| --- | --- | --- |
| [The association of tooth loss with all-cause and circulatory mortality. Is there a benefit of replaced teeth? A systematic review and meta-analysis](http://link.springer.com/article/10.1007/s00784-011-0625-9)  | 333 | [Ines Polzer](http://link.springer.com/search?facet-author=%22Ines+Polzer%22), [Christian Schwahn](http://link.springer.com/search?facet-author=%22Christian+Schwahn%22), [Henry Völzke](http://link.springer.com/search?facet-author=%22Henry+V%C3%B6lzke%22), [Torsten Mundt](http://link.springer.com/search?facet-author=%22Torsten+Mundt%22)… |
| [Effect of different localizations of microgap on clinical parameters and inflammatory cytokines in peri-implant crevicular fluid: a prospective comparative study](http://link.springer.com/article/10.1007/s00784-010-0497-4)  | 353 | [A. Duygu Boynueğri](http://link.springer.com/search?facet-author=%22A.+Duygu+Boynue%C4%9Fri%22), [Mehmet Yalım](http://link.springer.com/search?facet-author=%22Mehmet+Yal%C4%B1m%22), [Seçil Karakoca Nemli](http://link.springer.com/search?facet-author=%22Se%C3%A7il+Karakoca+Nemli%22)… |
| [Biomechanical analysis of alveolar bone stress around implants with different thread designs and pitches in the mandibular molar area](http://link.springer.com/article/10.1007/s00784-011-0517-z)  | 363 | [Ting-Hsun Lan](http://link.springer.com/search?facet-author=%22Ting-Hsun+Lan%22), [Je-Kang Du](http://link.springer.com/search?facet-author=%22Je-Kang+Du%22), [Chin-Yun Pan](http://link.springer.com/search?facet-author=%22Chin-Yun+Pan%22), [Huey-Er Lee](http://link.springer.com/search?facet-author=%22Huey-Er+Lee%22)… |
| [Alveolar bone level is not associated with vitamin D receptor gene polymorphism and bone density in mandible](http://link.springer.com/article/10.1007/s00784-011-0536-9)  | 371 | [Francisco Mesa](http://link.springer.com/search?facet-author=%22Francisco+Mesa%22), [Alejandro Gonzalez](http://link.springer.com/search?facet-author=%22Alejandro+Gonzalez%22), [Nizar Souki](http://link.springer.com/search?facet-author=%22Nizar+Souki%22)… |
| [Analysis of inflammatory periimplant lesions during a 12-week period of undisturbed plaque accumulation—a comparison between flapless and flap surgery in the mini-pig](http://link.springer.com/article/10.1007/s00784-011-0546-7)  | 379 | [Cornelia K. Mueller](http://link.springer.com/search?facet-author=%22Cornelia+K.+Mueller%22), [Michael Thorwarth](http://link.springer.com/search?facet-author=%22Michael+Thorwarth%22)… |
| [Assessment of variations of the mandibular canal through cone beam computed tomography](http://link.springer.com/article/10.1007/s00784-011-0544-9)  | 387 | [Christiano de Oliveira-Santos](http://link.springer.com/search?facet-author=%22Christiano+de+Oliveira-Santos%22), [Paulo Henrique Couto Souza](http://link.springer.com/search?facet-author=%22Paulo+Henrique+Couto+Souza%22)… |
| [Sexual dimorphism in teeth? Clinical relevance](http://link.springer.com/article/10.1007/s00784-011-0537-8)  | 395 | [Ralf J. Radlanski](http://link.springer.com/search?facet-author=%22Ralf+J.+Radlanski%22), [Herbert Renz](http://link.springer.com/search?facet-author=%22Herbert+Renz%22), [Werner Hopfenmüller](http://link.springer.com/search?facet-author=%22Werner+Hopfenm%C3%BCller%22) |
| [Risk of chipping or facings failure of metal ceramic fixed partial prostheses—a retrospective data record analysis](http://link.springer.com/article/10.1007/s00784-011-0511-5)  | 401 | [Michael Behr](http://link.springer.com/search?facet-author=%22Michael+Behr%22), [Christina Winklhofer](http://link.springer.com/search?facet-author=%22Christina+Winklhofer%22), [Maria Schreier](http://link.springer.com/search?facet-author=%22Maria+Schreier%22)… |
| [Clinical retention force development of double crowns](http://link.springer.com/article/10.1007/s00784-011-0530-2) | 407 | [Stefan Bayer](http://link.springer.com/search?facet-author=%22Stefan+Bayer%22), [Helmut Stark](http://link.springer.com/search?facet-author=%22Helmut+Stark%22), [Lina Gölz](http://link.springer.com/search?facet-author=%22Lina+G%C3%B6lz%22), [Ludger Keilig](http://link.springer.com/search?facet-author=%22Ludger+Keilig%22)… |
| [Factors affecting wear of composite resin denture teeth—24-month results from a clinical study](http://link.springer.com/article/10.1007/s00784-011-0534-y)  | 413 | [Thomas Stober](http://link.springer.com/search?facet-author=%22Thomas+Stober%22), [Andreas Geiger](http://link.springer.com/search?facet-author=%22Andreas+Geiger%22), [Stefan Rues](http://link.springer.com/search?facet-author=%22Stefan+Rues%22), [Jens Dreyhaupt](http://link.springer.com/search?facet-author=%22Jens+Dreyhaupt%22)… |
| [Neuromuscular control of balancing side contacts in unilateral biting and chewing](http://link.springer.com/article/10.1007/s00784-011-0542-y)  | 421 | [Daniela Schubert](http://link.springer.com/search?facet-author=%22Daniela+Schubert%22), [Peter Pröschel](http://link.springer.com/search?facet-author=%22Peter+Pr%C3%B6schel%22), [Christiane Schwarz](http://link.springer.com/search?facet-author=%22Christiane+Schwarz%22)… |
| [Survival of atraumatic restorative treatment (ART) sealants and restorations: a meta-analysis](http://link.springer.com/article/10.1007/s00784-011-0513-3)  | 429 | [Rodrigo G. de Amorim](http://link.springer.com/search?facet-author=%22Rodrigo+G.+de+Amorim%22), [Soraya C. Leal](http://link.springer.com/search?facet-author=%22Soraya+C.+Leal%22), [Jo E. Frencken](http://link.springer.com/search?facet-author=%22Jo+E.+Frencken%22) |
| [Assessments of inclinations of the mandibular fossa by computed tomography in an Asian population](http://link.springer.com/article/10.1007/s00784-011-0518-y)  | 443 | [Cheng-Kuan Wu](http://link.springer.com/search?facet-author=%22Cheng-Kuan+Wu%22), [Jui-Ting Hsu](http://link.springer.com/search?facet-author=%22Jui-Ting+Hsu%22), [Yen-Wen Shen](http://link.springer.com/search?facet-author=%22Yen-Wen+Shen%22), [Jin-Hua Chen](http://link.springer.com/search?facet-author=%22Jin-Hua+Chen%22)… |
| [Controlled, prospective, randomized, clinical evaluation of partial ceramic crowns inserted with RelyX Unicem with or without selective enamel etching. Results after 2 years](http://link.springer.com/article/10.1007/s00784-011-0516-0)  | 451 | [Frederike Schenke](http://link.springer.com/search?facet-author=%22Frederike+Schenke%22), [Marianne Federlin](http://link.springer.com/search?facet-author=%22Marianne+Federlin%22), [Karl-Anton Hiller](http://link.springer.com/search?facet-author=%22Karl-Anton+Hiller%22)… |
| [Randomized controlled trial on fluoride varnish application for treatment of white spot lesion after fixed orthodontic treatment](http://link.springer.com/article/10.1007/s00784-011-0520-4)  | 463 | [Minquan Du](http://link.springer.com/search?facet-author=%22Minquan+Du%22), [Ning Cheng](http://link.springer.com/search?facet-author=%22Ning+Cheng%22), [Baojun Tai](http://link.springer.com/search?facet-author=%22Baojun+Tai%22), [Han Jiang](http://link.springer.com/search?facet-author=%22Han+Jiang%22), [Jing Li](http://link.springer.com/search?facet-author=%22Jing+Li%22)… |
| [The influence of toothbrushing and coffee staining on different composite surface coatings](http://link.springer.com/article/10.1007/s00784-011-0522-2)  | 469 | [Brigitte Zimmerli](http://link.springer.com/search?facet-author=%22Brigitte+Zimmerli%22), [Tamara Koch](http://link.springer.com/search?facet-author=%22Tamara+Koch%22), [Simon Flury](http://link.springer.com/search?facet-author=%22Simon+Flury%22), [Adrian Lussi](http://link.springer.com/search?facet-author=%22Adrian+Lussi%22) |
| [Examiner performance in calibration exercises compared with field conditions when scoring caries experience](http://link.springer.com/article/10.1007/s00784-011-0523-1)  | 481 | [Jimoh Olubanwo Agbaje](http://link.springer.com/search?facet-author=%22Jimoh+Olubanwo+Agbaje%22), [Timothy Mutsvari](http://link.springer.com/search?facet-author=%22Timothy+Mutsvari%22), [Emmanuel Lesaffre](http://link.springer.com/search?facet-author=%22Emmanuel+Lesaffre%22)… |
| [Fracture toughness of dental restorative materials](http://link.springer.com/article/10.1007/s00784-011-0525-z)  | 489 | [Nicoleta Ilie](http://link.springer.com/search?facet-author=%22Nicoleta+Ilie%22), [Reinhard Hickel](http://link.springer.com/search?facet-author=%22Reinhard+Hickel%22), [Anca Silvia Valceanu](http://link.springer.com/search?facet-author=%22Anca+Silvia+Valceanu%22)… |
| [Antibacterial effect of taurolidine (2%) on established dental plaque biofilm](http://link.springer.com/article/10.1007/s00784-011-0526-y)  | 499 | [Nicole Birgit Arweiler](http://link.springer.com/search?facet-author=%22Nicole+Birgit+Arweiler%22), [Thorsten Mathias Auschill](http://link.springer.com/search?facet-author=%22Thorsten+Mathias+Auschill%22)… |
| [Effect of curing mode on the micro-mechanical properties of dual-cured self-adhesive resin cements](http://link.springer.com/article/10.1007/s00784-011-0527-x)  | 505 | [Nicoleta Ilie](http://link.springer.com/search?facet-author=%22Nicoleta+Ilie%22), [Alexander Simon](http://link.springer.com/search?facet-author=%22Alexander+Simon%22) |
| [Caries experience in a child population in a deprived area of Brazil, using ICDAS II](http://link.springer.com/article/10.1007/s00784-011-0528-9)  | 513 | Rodrigo Guedes de Amorim , Maria José Figueiredo ,Soraya Coelho Leal , Jan Mulder , Jo E. Frencken… |
| [Sealing occlusal caries lesions in adults referred for restorative treatment: 2–3 years of follow-up](http://link.springer.com/article/10.1007/s00784-011-0549-4)  | 521 | Azam Bakhshandeh , Vibeke Qvist , Kim R. Ekstrand |
| [Addition of zinc methacrylate in dental polymers: MMP-2 inhibition and ultimate tensile strength evaluation](http://link.springer.com/article/10.1007/s00784-011-0551-x)  | 531 | Sandrina Henn , Rodrigo Varella de Carvalho , Fabrício Aulo Ogliari ,Ana Paula de Souza , Sergio Roberto Peres Line , Adriana Fernandes da Silva,Flávio Fernando Demarco , Adriana Etges , Evandro Piva… |
| [Effect of ozone on periodontopathogenic species—an in vitro study](http://link.springer.com/article/10.1007/s00784-011-0515-1)  | 537 | [Sigrun Eick](http://link.springer.com/search?facet-author=%22Sigrun+Eick%22), [Marius Tigan](http://link.springer.com/search?facet-author=%22Marius+Tigan%22), [Anton Sculean](http://link.springer.com/search?facet-author=%22Anton+Sculean%22) |
| [The antibacterial effect of gas ozone after 2 months of in vitro evaluation](http://link.springer.com/article/10.1007/s00784-011-0524-0)  | 545 | Olga Polydorou , Ahmad Halili , Anette Wittmer , Klaus Pelz , Petra Hahn |
| [Oral soft tissue alterations in patients with neurofibromatosis](http://link.springer.com/article/10.1007/s00784-011-0519-x)  | 551 | Eeva-Mari Jouhilahti , Vivian Visnapuu ,Tero Soukka , Heikki Aho , Sirkku Peltonen ,Risto-Pekka Happonen , Juha Peltonen… |
| [Clinical questionnaire study of oral health care and symptoms in diabetic vs. non-diabetic predialysis chronic kidney disease patients](http://link.springer.com/article/10.1007/s00784-011-0543-x)  | 559 | Maarit Vesterinen , Hellevi Ruokonen ,Jussi Furuholm , Eero Honkanen , Jukka H. Meurman |
| Oral cGVHD screening tests in the diagnosis of systemicchronic graft-versus-host disease | 565 | Renata Gonçalves Resende , Jeane de Fátima Correia-Silva , Telma Cristina Arão , João Artur Ricieri Brito , Henrique Bittencourt , Ricardo Santiago Gomez , Mauro Henrique Nogueira Guimarães Abreu |
| Effect of teenage smoking on the prevalenceof periodontal bacteria | 571 | Anna Maria Heikkinen , Janne Pitkäniemi Kirsti Kari , Riitta Pajukanta , Outi Elonheimo ,Markku Koskenvuo , Jukka H. Meurman |
| [Beta-tricalcium phosphate/type I collagen cones with or without a barrier membrane in human extraction socket healing: clinical, histologic, histomorphometric, and immunohistochemical evaluation](http://link.springer.com/article/10.1007/s00784-011-0531-1) | 581 | Bozidar M. B. Brkovic , Hari S. Prasad , Michael D. Rohrer , George Konandreas ,George Agrogiannis , Dragana Antunovic , George K. B. Sándor |
| [Cytokine production by leukocytes of Papillon–Lefèvre syndrome patients in whole blood cultures](http://link.springer.com/article/10.1007/s00784-011-0532-0) | 591 | Christian D. Sadik , Barbara Noack , Beate Schacher ,Josef Pfeilschifter , Heiko Mühl , Peter Eickholz |
| [Non-surgical periodontal therapy with and without subgingival minocycline administration in patients with poorly controlled type II diabetes: a randomized controlled clinical trial](http://link.springer.com/article/10.1007/s00784-011-0535-x) | 599 | Shih-Jung Lin , Yu-Kang Tu , Shiow-Chwen Tsai ,Shih-Ming Lai , Hsein-Kun Lu |
| [Intermittent PTH(1–34) signals through protein kinase A to regulate osteoprotegerin production in human periodontal ligament cells in vitro](http://link.springer.com/article/10.1007/s00784-011-0541-z) | 611 | Dominik Kraus , Andreas Jäger ,Nuersailike Abuduwali , James Deschner ,Stefan Lossdörfer |
| [No evidence of HAND2 involvement in nonsyndromic cleft lip with or without cleft palate](http://link.springer.com/article/10.1007/s00784-011-0539-6) | 619 | Marcella Martinelli , Ambra Girardi ,Francesca Farinella , Francesco Carinci Furio Pezzetti , Elisabetta Caramelli , Luca Scapoli |
| [Transmigration of impacted canines: prevalence, management and implications on tooth structure and pulp vitality of adjacent teeth](http://link.springer.com/article/10.1007/s00784-011-0545-8) | 625 | Emmanuel Mazinis , Anastasios Zafeiriadis ,Athinodoros Karathanasis , Theodor Lambrianidis |
| [A clinical trial of efficacy and safety of inhalation sedation with a 50% nitrous oxide/oxygen premix (Kalinox™) in general practice](http://link.springer.com/article/10.1007/s00784-011-0550-y) | 633 | Martine Hennequin , Valérie Collado , Denise Faulks ,Serge Koscielny , Peter Onody , Emmanuel Nicolas |
| [Intraoral ultrasonography: development of a specific high-frequency probe and clinical pilot study](http://link.springer.com/article/10.1007/s00784-011-0533-z) | 643 | Benjamin Salmon , Dominique Le Denmat |
| [Salivary bone turnover markers in healthy pre- and postmenopausal women: daily and seasonal rhythm](http://link.springer.com/article/10.1007/s00784-011-0538-7) | 651 | Gretel G. Pellegrini , Macarena M. S. Gonzales Chaves , Maria A. Fajardo ,Graciela M. Ponce , Gloria I. Toyos , Fima Lifshitz , Silvia M. Friedman ,Susana N. Zeni |
| [Salivary shedding of Epstein–Barr virus and cytomegalovirus in people infected or not by human immunodeficiency virus 1](http://link.springer.com/article/10.1007/s00784-011-0548-5) | 659 | Talita Ribeiro Tenório de França , Alessandra de Albuquerque Tavares Carvalho ,Valder Barbosa Gomes , Luiz Alcino Gueiros , Stephen Ross Porter ,Jair Carneiro Leao |
| [Does a reduction of polymerization time and bonding steps affect the bond strength of brackets?](http://link.springer.com/article/10.1007/s00784-011-0540-0) | 665 | Timea Lamper , Stefanie Steinhäuser-Andresen ,Karin C. Huth , Nicoleta Ilie , Ekaterini Paschos |
| [The eligibility of the free fibula graft for masticatory rehabilitation using monocortical implants insertion—a morphologic and biomechanical study](http://link.springer.com/article/10.1007/s00784-011-0582-3) | 673 | Samer George Hakim , Gregor Jeske ,Hans-Christian Jacobsen , Peter Sieg |

**CLINICAL ORAL INVESTIGATION**

**CONTENTS**

**Vol. 16 Issue.3, June 2012**

|  |  |  |
| --- | --- | --- |
| [Effects of orthodontic tooth movement on alveolar bone density](http://link.springer.com/article/10.1007/s00784-011-0552-9)  | 679 | [Hsing-Wen Chang](http://link.springer.com/search?facet-author=%22Hsing-Wen+Chang%22), [Heng-Li Huang](http://link.springer.com/search?facet-author=%22Heng-Li+Huang%22), [Jian-Hong Yu](http://link.springer.com/search?facet-author=%22Jian-Hong+Yu%22), [Jui-Ting Hsu](http://link.springer.com/search?facet-author=%22Jui-Ting+Hsu%22)… |
| [Long-term oral appliance therapy in obstructive sleep apnea syndrome: a controlled study on temporomandibular side effects](http://link.springer.com/article/10.1007/s00784-011-0555-6)  | 689 | [Michiel H. J. Doff](http://link.springer.com/search?facet-author=%22Michiel+H.+J.+Doff%22), [Steffanie K. B. Veldhuis](http://link.springer.com/search?facet-author=%22Steffanie+K.+B.+Veldhuis%22)… |
| [Necessity of 3D visualization for the removal of lower wisdom teeth: required sample size to prove non-inferiority of panoramic radiography compared to CBCT](http://link.springer.com/article/10.1007/s00784-011-0553-8) | 699 | [Felix Roeder](http://link.springer.com/search?facet-author=%22Felix+Roeder%22), [Daniel Wachtlin](http://link.springer.com/search?facet-author=%22Daniel+Wachtlin%22), [Ralf Schulze](http://link.springer.com/search?facet-author=%22Ralf+Schulze%22) |
| [Intra- and inter-brand accuracy of four dental radiometers](http://link.springer.com/article/10.1007/s00784-011-0562-7)  | 707 | [Richard Bengt Price](http://link.springer.com/search?facet-author=%22Richard+Bengt+Price%22), [Daniel Labrie](http://link.springer.com/search?facet-author=%22Daniel+Labrie%22), [Sonya Kazmi](http://link.springer.com/search?facet-author=%22Sonya+Kazmi%22), [John Fahey](http://link.springer.com/search?facet-author=%22John+Fahey%22)… |
| [Intra- and inter-brand accuracy of four dental radiometers](http://link.springer.com/article/10.1007/s00784-011-0562-7)  | 707 | [Richard Bengt Price](http://link.springer.com/search?facet-author=%22Richard+Bengt+Price%22), [Daniel Labrie](http://link.springer.com/search?facet-author=%22Daniel+Labrie%22), [Sonya Kazmi](http://link.springer.com/search?facet-author=%22Sonya+Kazmi%22), [John Fahey](http://link.springer.com/search?facet-author=%22John+Fahey%22)… |
| [The effects of compression on the image quality of digital panoramic radiographs](http://link.springer.com/article/10.1007/s00784-011-0587-y)  | 719 | [Füsun Yasar](http://link.springer.com/search?facet-author=%22F%C3%BCsun+Yasar%22), [Esra Yesilova](http://link.springer.com/search?facet-author=%22Esra+Yesilova%22), [Burcu Apaydın](http://link.springer.com/search?facet-author=%22Burcu+Apayd%C4%B1n%22) |
| [Association between severity of body mass index and periodontal condition in women](http://link.springer.com/article/10.1007/s00784-011-0554-7)  | 727 | [André Luiz Pataro](http://link.springer.com/search?facet-author=%22Andr%C3%A9+Luiz+Pataro%22), [Fernando Oliveira Costa](http://link.springer.com/search?facet-author=%22Fernando+Oliveira+Costa%22)… |
| [Efficacy of taurolidine against periodontopathic species—an in vitro study](http://link.springer.com/article/10.1007/s00784-011-0567-2)  | 735 | [Sigrun Eick](http://link.springer.com/search?facet-author=%22Sigrun+Eick%22), [Sabrina Radakovic](http://link.springer.com/search?facet-author=%22Sabrina+Radakovic%22), [Wolfgang Pfister](http://link.springer.com/search?facet-author=%22Wolfgang+Pfister%22)… |
| [Human periodontal ligament fibroblasts stimulated by nanocrystalline hydroxyapatite paste or enamel matrix derivative. An in vitro assessment of PDL attachment, migration, and proliferation](http://link.springer.com/article/10.1007/s00784-011-0570-7)  | 745 | [Adrian Kasaj](http://link.springer.com/search?facet-author=%22Adrian+Kasaj%22), [Brita Willershausen](http://link.springer.com/search?facet-author=%22Brita+Willershausen%22), [Rüdiger Junker](http://link.springer.com/search?facet-author=%22R%C3%BCdiger+Junker%22)… |
| [Assessment of smoking behaviour in the dental setting. A study comparing self-reported questionnaire data and exhaled carbon monoxide levels](http://link.springer.com/article/10.1007/s00784-011-0583-2)  | 755 | [Marc Frei](http://link.springer.com/search?facet-author=%22Marc+Frei%22), [Odette Engel Brügger](http://link.springer.com/search?facet-author=%22Odette+Engel+Br%C3%BCgger%22), [Pedram Sendi](http://link.springer.com/search?facet-author=%22Pedram+Sendi%22)… |
| [An unusual glycoform of human salivary mucin MG2](http://link.springer.com/article/10.1007/s00784-011-0556-5)  | 761 | [Rodrigo V. Soares](http://link.springer.com/search?facet-author=%22Rodrigo+V.+Soares%22), [Gwynneth D. Offner](http://link.springer.com/search?facet-author=%22Gwynneth+D.+Offner%22), [Marina A. L. Assis](http://link.springer.com/search?facet-author=%22Marina+A.+L.+Assis%22)… |
| [Saliva in perimenopausal and early postmenopausal women. A 2-year follow-up study](http://link.springer.com/article/10.1007/s00784-011-0573-4)  | 767 | [Laura Tarkkila](http://link.springer.com/search?facet-author=%22Laura+Tarkkila%22), [Jussi Furuholm](http://link.springer.com/search?facet-author=%22Jussi+Furuholm%22), [Aila Tiitinen](http://link.springer.com/search?facet-author=%22Aila+Tiitinen%22)… |
| [Saliva-based creatine kinase MB measurement as a potential point-of-care testing for detection of myocardial infarction](http://link.springer.com/article/10.1007/s00784-011-0578-z)  | 775 | [Iraj Mirzaii-Dizgah](http://link.springer.com/search?facet-author=%22Iraj+Mirzaii-Dizgah%22), [Seyed Fakhreddin Hejazi](http://link.springer.com/search?facet-author=%22Seyed+Fakhreddin+Hejazi%22), [Esmail Riahi](http://link.springer.com/search?facet-author=%22Esmail+Riahi%22)… |
| [A new instrument for assessing the quality of studies on prevalence](http://link.springer.com/article/10.1007/s00784-011-0557-4)  | 781 | [Nikolaos Nikitas Giannakopoulos](http://link.springer.com/search?facet-author=%22Nikolaos+Nikitas+Giannakopoulos%22), [Peter Rammelsberg](http://link.springer.com/search?facet-author=%22Peter+Rammelsberg%22)… |
| [Glycan-binding specificities of *Streptococcus mutans* and *Streptococcus sobrinus* lectin-like adhesins](http://link.springer.com/article/10.1007/s00784-011-0568-1)  | 789 | [Viviane Schüler](http://link.springer.com/search?facet-author=%22Viviane+Sch%C3%BCler%22), [Adrian Lussi](http://link.springer.com/search?facet-author=%22Adrian+Lussi%22), [Andreas Kage](http://link.springer.com/search?facet-author=%22Andreas+Kage%22), [Rainer Seemann](http://link.springer.com/search?facet-author=%22Rainer+Seemann%22) |
| [Short-term consumption of probiotic lactobacilli has no effect on acid production of supragingival plaque](http://link.springer.com/article/10.1007/s00784-011-0584-1)  | 797 | [Aino Marttinen](http://link.springer.com/search?facet-author=%22Aino+Marttinen%22), [Anna Haukioja](http://link.springer.com/search?facet-author=%22Anna+Haukioja%22), [Sára Karjalainen](http://link.springer.com/search?facet-author=%22S%C3%A1ra+Karjalainen%22)… |
| [Risk factors for caries incidence in a cohort of Flemish preschool children](http://link.springer.com/article/10.1007/s00784-011-0579-y)  | 805 | [Roos Leroy](http://link.springer.com/search?facet-author=%22Roos+Leroy%22), [Kris Bogaerts](http://link.springer.com/search?facet-author=%22Kris+Bogaerts%22), [Luc Martens](http://link.springer.com/search?facet-author=%22Luc+Martens%22), [Dominique Declerck](http://link.springer.com/search?facet-author=%22Dominique+Declerck%22) |
| [Cytogenetic damage induced by mouthrinses formulations in vivo and in vitro](http://link.springer.com/article/10.1007/s00784-011-0559-2)  | 813 | [Viviane Carlin](http://link.springer.com/search?facet-author=%22Viviane+Carlin%22), [Mariza A. Matsumoto](http://link.springer.com/search?facet-author=%22Mariza+A.+Matsumoto%22), [Patricia P. Saraiva](http://link.springer.com/search?facet-author=%22Patricia+P.+Saraiva%22)… |
| [A randomised crossover trial to compare the potential of stannous fluoride and essential oil mouth rinses to induce tooth and tongue staining](http://link.springer.com/article/10.1007/s00784-011-0560-9)  | 821 | [Nicola Xania West](http://link.springer.com/search?facet-author=%22Nicola+Xania+West%22), [Martin Addy](http://link.springer.com/search?facet-author=%22Martin+Addy%22), [Robert Newcombe](http://link.springer.com/search?facet-author=%22Robert+Newcombe%22)… |
| [Correlation between maxillofacial radiographic features and systemic severity as sickle cell disease severity predictor](http://link.springer.com/article/10.1007/s00784-011-0577-0)  | 827 | [Frederico Sampaio Neves](http://link.springer.com/search?facet-author=%22Frederico+Sampaio+Neves%22), [Cristina Pinho Passos](http://link.springer.com/search?facet-author=%22Cristina+Pinho+Passos%22)… |
| [Effect of single-dose amoxicillin on rat incisor odontogenesis: a morphological study](http://link.springer.com/article/10.1007/s00784-011-0581-4)  | 835 | [Kaido Kumazawa](http://link.springer.com/search?facet-author=%22Kaido+Kumazawa%22), [Takashi Sawada](http://link.springer.com/search?facet-author=%22Takashi+Sawada%22), [Takaaki Yanagisawa](http://link.springer.com/search?facet-author=%22Takaaki+Yanagisawa%22)… |
| Metagenomic analysis of the peri-implant and periodontalmicroflora in patients with clinical signs of gingivitis or mucositis | 843 | Wieland Heuer & Andreas Kettenring &Sascha Nico Stumpp & Jörg Eberhard &Eva Gellermann & Andreas Winkel & Meike Stiesch |
| Digital evaluation of the reproducibility of implant scanbodyfit—an in vitro study | 851 | Michael Stimmelmayr & Jan-Frederik Güth &Kurt Erdelt & Daniel Edelhoff & Florian Beuer |
| Histological and immunohistochemical evaluationof the peri-implant soft tissues around machinedand acid-etched titanium healing abutments: a prospectiverandomised study | 857 | Marco Degidi & Luciano Artese & Adriano Piattelli &Antonio Scarano & Jamil A. Shibli & Marcello Piccirilli &Vittoria Perrotti & Giovanna Iezzi |
| Effect of coating Straumann® Bone Ceramicwith Emdogain on mesenchymal stromal cell hardtissue formation | 867 | Krzysztof Marek Mrozik & Stan Gronthos &Danijela Menicanin & Victor Marino & P. Mark Bartold |
| Enterococcus faecalis affects the proliferationand differentiation of ovine osteoblast-like cells | 879 | Lamprini Karygianni & Margit Wiedmann-Al-Ahmad &Günter Finkenzeller & Sebastian Sauerbier &Martin Wolkewitz & Elmar Hellwig & Ali Al-Ahmad |
| Clinical effectiveness of a one-step self-etch adhesivein non-carious cervical lesions at 2 years | 889 | R. Banu Ermis & Kirsten L. Van Landuyt &Marcio Vivan Cardoso & Jan De Munck &Bart Van Meerbeek & Marleen Peumans |
| Comparison of the push-out strength of two fiber postsystems dependent on different types of resin cements | 899 | Maria Dimitrouli &Werner Geurtsen &Anne-Katrin Lührs |
| Effect of thermal cycling on the bond strengthof self-adhesive cements to fiber posts | 909 | Claudia Mazzitelli & Francesca Monticelli &Manuel Toledano & Marco Ferrari & Raquel Osorio |
| Metal–ceramic crowns cemented with two luting agents:short-term results of a prospective clinical study | 917 | Andree Piwowarczyk & Karina Schick &Hans-Christoph Lauer |
| Tooth wear in the deciduous dentition of 5–7-year-oldchildren: risk factors | 923 | Tooth wear in the deciduous dentition of 5–7-year-oldchildren: risk factors |
| Two-body wear of dental porcelain and substructureoxide ceramics | 935 | Martin Rosentritt & Verena Preis & Michael Behr &Sebastian Hahnel & Gerhard Handel & Carola Kolbeck |
| Reliability of shade selectionusing an intraoral spectrophotometer | 945 | Siegbert Witkowski & Nao-Daniel Yajima &Martin Wolkewitz & Jorge R. Strub |
| Clinical success rates for polyether crown impressionswhen mixed dynamically and statically | 951 | Marc Schmitter & Glen H. Johnson & Clovis Faggion Jr. & Christina Klose &Gergo Mitov & Frank P. Nothdurft & Peter R. Pospiech & Peter Rammelsberg &Brigitte Ohlmann & Stefanie Schwarz & Thomas Stober & Petra Schiller & Maria Pritsch |
| Load-bearing capacity of artificially aged zirconia fixeddental prostheses with heterogeneous abutment supports | 961 | Katia Sarafidou &Meike Stiesch &Marc Philipp Dittmer & Daniela Jörn &Lothar Borchers & Philipp Kohorst |
| Clinical performance of a light-cured denture base materialcompared to polymethylmethacrylate—a randomizedclinical study | 969 | Hanna-Lena Gohlke-Wehrße & Katja Giese-Kraft &Bernd Wöstmann |
| Five-year prospective clinical study of posterior three-unitzirconia-based fixed dental prostheses | 977 | Roberto Sorrentino & Giorgio De Simone & Stefano Tetè &Simona Russo & Fernando Zarone |
| Microbiological and host factors are involved in promotingthe periodontal failure of metaloceramic crowns | 987 | Claudio Passariello & Monica Puttini &Alessandra Virga & Pierangelo Gigola |
| The psychological impact of prosthodontictreatment—a discrete response modelling approach | 997 | Stefan Listl & Michael Behr & Peter Eichhammer &Rolf Tschernig |

**CLINICAL ORAL INVESTIGATION**

**CONTENTS**

**Vol. 16 Issue.4 Aug 2012**

|  |  |  |
| --- | --- | --- |
| [In situ remineralization of white-spot enamel lesions by 500 and 1,100 ppm F dentifrices](http://link.springer.com/article/10.1007/s00784-011-0591-2)  | 1007 | [Poornima K. Mensinkai](http://link.springer.com/search?facet-author=%22Poornima+K.+Mensinkai%22), [Renzo A. Ccahuana-Vasquez](http://link.springer.com/search?facet-author=%22Renzo+A.+Ccahuana-Vasquez%22)… |
| [Detection accuracy of proximal caries by phosphor plate and cone-beam computerized tomography images scanned with different resolutions](http://link.springer.com/article/10.1007/s00784-011-0599-7)  | 1051 | [Jun-Ge Cheng](http://link.springer.com/search?facet-author=%22Jun-Ge+Cheng%22), [Zhi-Ling Zhang](http://link.springer.com/search?facet-author=%22Zhi-Ling+Zhang%22), [Xiao-Yan Wang](http://link.springer.com/search?facet-author=%22Xiao-Yan+Wang%22), [Zu-Yan Zhang](http://link.springer.com/search?facet-author=%22Zu-Yan+Zhang%22)… |
| [Correlation of cone beam computed tomography (CBCT) findings in the maxillary sinus with dental diagnoses: a retrospective cross-sectional study](http://link.springer.com/article/10.1007/s00784-011-0620-1)  | 1023 | [Dan Dominik Brüllmann](http://link.springer.com/search?facet-author=%22Dan+Dominik+Br%C3%BCllmann%22), [Irene Schmidtmann](http://link.springer.com/search?facet-author=%22Irene+Schmidtmann%22), [Silke Hornstein](http://link.springer.com/search?facet-author=%22Silke+Hornstein%22)… |
| [Clinical success of implant-supported and tooth–implant-supported double crown-retained dentures](http://link.springer.com/article/10.1007/s00784-011-0592-1)  | 1031 | [Gunda Bernhart](http://link.springer.com/search?facet-author=%22Gunda+Bernhart%22), [Andreas Koob](http://link.springer.com/search?facet-author=%22Andreas+Koob%22), [Marc Schmitter](http://link.springer.com/search?facet-author=%22Marc+Schmitter%22), [Olaf Gabbert](http://link.springer.com/search?facet-author=%22Olaf+Gabbert%22)… |
| [Early outcome of an implant system with a resorbable adhesive calcium–phosphate coating—a prospective clinical study in partially dentate patients](http://link.springer.com/article/10.1007/s00784-011-0598-8)  | 1039 | [Victor Palarie](http://link.springer.com/search?facet-author=%22Victor+Palarie%22), [Constantin Bicer](http://link.springer.com/search?facet-author=%22Constantin+Bicer%22), [Karl M. Lehmann](http://link.springer.com/search?facet-author=%22Karl+M.+Lehmann%22)… |
| [Influence of gaseous ozone in peri-implantitis: bactericidal efficacy and cellular response. An in vitro study using titanium and zirconia](http://link.springer.com/article/10.1007/s00784-011-0603-2)  | 1049 | [Irmgard Hauser-Gerspach](http://link.springer.com/search?facet-author=%22Irmgard+Hauser-Gerspach%22), [Jasminka Vadaszan](http://link.springer.com/search?facet-author=%22Jasminka+Vadaszan%22), [Irma Deronjic](http://link.springer.com/search?facet-author=%22Irma+Deronjic%22)… |
| [Peri-implant bone changes following tooth extraction, immediate placement and loading of implants in the edentulous maxilla](http://link.springer.com/article/10.1007/s00784-011-0617-9)  | 1061 | [Lieven Barbier](http://link.springer.com/search?facet-author=%22Lieven+Barbier%22), [Johan Abeloos](http://link.springer.com/search?facet-author=%22Johan+Abeloos%22), [Calix De Clercq](http://link.springer.com/search?facet-author=%22Calix+De+Clercq%22)… |
| [Clinical evaluation on porcelain laminate veneers bonded with light-cured composite: results up to 7 years](http://link.springer.com/article/10.1007/s00784-011-0593-0)  | 1071 | [Camillo D’Arcangelo](http://link.springer.com/search?facet-author=%22Camillo+D%E2%80%99Arcangelo%22), [Francesco De Angelis](http://link.springer.com/search?facet-author=%22Francesco+De+Angelis%22), [Mirco Vadini](http://link.springer.com/search?facet-author=%22Mirco+Vadini%22)… |
| [Adhesion of conventional and simplified resin-based luting cements to superficial and deep dentin](http://link.springer.com/article/10.1007/s00784-011-0594-z)  | 1081 | [Mutlu Özcan](http://link.springer.com/search?facet-author=%22Mutlu+%C3%96zcan%22), [Ayse Mese](http://link.springer.com/search?facet-author=%22Ayse+Mese%22) |
| [Comparison of two all-in-one adhesives bonded to non-carious cervical lesions—results at 3 years](http://link.springer.com/article/10.1007/s00784-011-0595-y)  | 1089 | [Michael F. Burrow](http://link.springer.com/search?facet-author=%22Michael+F.+Burrow%22), [Martin J. Tyas](http://link.springer.com/search?facet-author=%22Martin+J.+Tyas%22) |
| [The impact of three strains of oral bacteria on the surface and mechanical properties of a dental resin material](http://link.springer.com/article/10.1007/s00784-011-0613-0)  | 1095 | [Karen S. Gregson](http://link.springer.com/search?facet-author=%22Karen+S.+Gregson%22), [Han Shih](http://link.springer.com/search?facet-author=%22Han+Shih%22), [Richard L. Gregory](http://link.springer.com/search?facet-author=%22Richard+L.+Gregory%22) |
| [Influence of the supporting die structures on the fracture strength of all-ceramic materials](http://link.springer.com/article/10.1007/s00784-011-0606-z)  | 1105 | [Munir Tolga Yucel](http://link.springer.com/search?facet-author=%22Munir+Tolga+Yucel%22), [Isa Yondem](http://link.springer.com/search?facet-author=%22Isa+Yondem%22), [Filiz Aykent](http://link.springer.com/search?facet-author=%22Filiz+Aykent%22), [Oğuz Eraslan](http://link.springer.com/search?facet-author=%22O%C4%9Fuz+Eraslan%22) |
| [A rare allergy to a polyether dental impression material](http://link.springer.com/article/10.1007/s00784-011-0618-8)  | 1111 | [Pauline Mittermüller](http://link.springer.com/search?facet-author=%22Pauline+Mitterm%C3%BCller%22), [Rolf-Markus Szeimies](http://link.springer.com/search?facet-author=%22Rolf-Markus+Szeimies%22)… |
| [Microleakage of silorane- and methacrylate-based class V composite restorations](http://link.springer.com/article/10.1007/s00784-011-0619-7)  | 1117 | [Stephanie Krifka](http://link.springer.com/search?facet-author=%22Stephanie+Krifka%22), [Marianne Federlin](http://link.springer.com/search?facet-author=%22Marianne+Federlin%22), [Karl-Anton Hiller](http://link.springer.com/search?facet-author=%22Karl-Anton+Hiller%22)… |
| [The competition between enamel and dentin adhesion within a cavity: An in vitro evaluation of class V restorations](http://link.springer.com/article/10.1007/s00784-011-0623-y)  | 1125 | [Tissiana Bortolotto](http://link.springer.com/search?facet-author=%22Tissiana+Bortolotto%22), [Wassila Doudou](http://link.springer.com/search?facet-author=%22Wassila+Doudou%22), [Karl Heinz Kunzelmann](http://link.springer.com/search?facet-author=%22Karl+Heinz+Kunzelmann%22)… |
| [Evaluation of impression accuracy for a four-implant mandibular model—a digital approach](http://link.springer.com/article/10.1007/s00784-011-0622-z)  | 1137 | [Michael Stimmelmayr](http://link.springer.com/search?facet-author=%22Michael+Stimmelmayr%22), [Kurt Erdelt](http://link.springer.com/search?facet-author=%22Kurt+Erdelt%22), [Jan-Frederik Güth](http://link.springer.com/search?facet-author=%22Jan-Frederik+G%C3%BCth%22)… |
| [Bisphosphonate-associated osteonecrosis of the mandible: reliable soft tissue reconstruction using a local myofascial flap](http://link.springer.com/article/10.1007/s00784-011-0596-x)  | 1143 | [Juliana Lemound](http://link.springer.com/search?facet-author=%22Juliana+Lemound%22), [Andrè Eckardt](http://link.springer.com/search?facet-author=%22Andr%C3%A8+Eckardt%22), [Horst Kokemüller](http://link.springer.com/search?facet-author=%22Horst+Kokem%C3%BCller%22)… |
| [Bisphosphonates modulate the expression of OPG and M-CSF in hMSC-derived osteoblasts](http://link.springer.com/article/10.1007/s00784-011-0614-z)  | 1153 | [Joo-Young Ohe](http://link.springer.com/search?facet-author=%22Joo-Young+Ohe%22), [Yong-Dae Kwon](http://link.springer.com/search?facet-author=%22Yong-Dae+Kwon%22), [Hyeon-Woo Lee](http://link.springer.com/search?facet-author=%22Hyeon-Woo+Lee%22) |
| [Assessing qualitative changes in simulated periodontal ligament and alveolar bone using a non-contact electromagnetic vibration device](http://link.springer.com/article/10.1007/s00784-011-0597-9)  | 1161 | [Chiaki Kobayashi](http://link.springer.com/search?facet-author=%22Chiaki+Kobayashi%22), [Makoto Hayashi](http://link.springer.com/search?facet-author=%22Makoto+Hayashi%22), [Masaru Yamaoka](http://link.springer.com/search?facet-author=%22Masaru+Yamaoka%22)… |
| [Isolating stromal stem cells from periodontal granulation tissues](http://link.springer.com/article/10.1007/s00784-011-0600-5) | 1171 | [Tzu-Yuan Hung](http://link.springer.com/search?facet-author=%22Tzu-Yuan+Hung%22), [Hsiang-Chun Lin](http://link.springer.com/search?facet-author=%22Hsiang-Chun+Lin%22), [Ying-Jen Chan](http://link.springer.com/search?facet-author=%22Ying-Jen+Chan%22), [Kuo Yuan](http://link.springer.com/search?facet-author=%22Kuo+Yuan%22) |
| A phase IIa randomized controlled pilot study evaluatingthe safety and clinical outcomes following the useof rhGDF-5/β-TCP in regenerative periodontal therapy | 1181 | Péter Windisch & Andreas Stavropoulos & Bálint Molnár & Dóra Szendröi-Kiss &Emese Szilágyi & Péter Rosta & Attila Horváth & Björn Capsius & Ulf M. E. Wikesjö &Anton Sculean |
| Four-year results following treatment of intrabonyperiodontal defects with an enamel matrix derivativealone or combined with a biphasic calcium phosphate | 1191 | Malgorzata Pietruska & Jan Pietruski & Katalin Nagy &Michel Brecx & Nicole Birgit Arweiler & Anton Sculean |
| Increased systemic elastase and C-reactive proteinin aggressive periodontitis (CLOI-D-00160R2) | 1199 | Martin Wohlfeil & Susanne Scharf & Yasemin Siegelin &Beate Schacher & Gerhard M. Oremek &Hildegund Sauer-Eppel & Ralf Schubert & Peter Eickholz |
| Hematological features in adolescents with periodontitis | 1209 | Rodrigo López & Bruno G. Loos & Vibeke Baelum |
| The effect of Emdogain® and platelet-derived growth factoron the osteoinductive potential of hydroxyapatitetricalcium phosphate | 1217 | R. C. Chan & V. Marino & P. M. Bartold |
| Local application of hyaluronan gel in conjunctionwith periodontal surgery: a randomized controlled trial | 1229 | Karim M. Fawzy El-Sayed & Moushira A. Dahaba &Shadw Aboul-Ela & Mona S. Darhous |
| Periodontal inflamed surface area and C-reactive proteinas predictors of HbA1c: a study in Indonesia | 1237 | Hendri Susanto & Willem Nesse & Pieter U. Dijkstra &Evelien Hoedemaker & Yvonne Huijser van Reenen &Dewi Agustina & Arjan Vissink & Frank Abbas |
| Long-term effectiveness of four pulpotomy techniques:3-year randomised controlled trial | 1243 | Karin Christine Huth & Niran Hajek-Al-Khatar &Petra Wolf & Nicoleta Ilie & Reinhard Hickel &Ekaterini Paschos |
| Dental functional status with and without tooth replacementin a Chinese adult population | 1251 | Qian Zhang & Dick J. Witter & Ewald M. Bronkhorst &Muyun Jia & Nico H. J. Creugers |
| Predictors of poor dental arch relationship in young childrenwith unilateral cleft lip and palate | 1261 | Yuh-Jia Hsieh & Yu-Fang Liao & Akshai Shetty |
| Arecoline induced cell cycle arrest, apoptosis,and cytotoxicity to human endothelial cells | 1267 | Shuei-Kuen Tseng & Mei-Chi Chang & Cheng-Yao Su & Lin-Yang Chi &Jenny Zwei-Ching Chang &Wan-Yu Tseng & Sin-Yuet Yeung & Ming-Lun Hsu &Jiiang-Huei Jeng |
| Aberrant expression of β-catenin and its associationwith ΔNp63, Notch-1, and clinicopathological factors in oralsquamous cell carcinoma | 1275 | Gokulan Ravindran & Halagowder Devaraj |
| Clinical use of an epinephrine-reduced (1/400,000)articaine solution in short-time dental routinetreatments—a multicenter study | 1289 | Monika Daubländer & Peer W. Kämmerer &Brita Willershausen & Michael Leckel &Hans-Christoph Lauer & Siegmar Buff & Benita Rösl |
| Functional outcome after surgical treatment of orbitalfloor fractures | 1297 | Paul W. Poeschl & Arnulf Baumann & Guido Dorner &Guenter Russmueller & Rudolf Seemann &Ferenc Fabian & Rolf Ewers |
| Evaluation of saliva flow rates, Candida colonizationand susceptibility of Candida strains after headand neck radiation | 1305 | Julia Karbach & Christian Walter & Bilal Al-Nawas |
| A longitudinal three-center study of craniofacial morphologyat 6 and 12 years of age in patients with complete bilateralcleft lip and palate | 1313 | Theodosia Bartzela & Christos Katsaros & Elisabeth Rønning & Sara Rizell &Gunvor Semb & Ewald Bronkhorst & Demetrios Halazonetis &Anne Marie Kuijpers-Jagtman |
| Bioresorbable distraction device for the treatment of airwayproblems for infants with Robin sequence | 1325 | Corstiaan Breugem & Emma Paes & Moshe Kon &Aebele B. Mink van der Molen |
| RETRACTED ARTICLE: Donor site morbidityof the vascularized fibula: the Hamburg experience | 1333 | Philipp Pohlenz & Artun Atac & Philip Catala-Lehnen &Pezhman Khakpour & Lei Li & Jan Klatt &Rainer Schmelzle |

**CLINICAL ORAL INVESTIGATION**

**CONTENTS**

**Vol. 16 Issue.5 Oct 2012**

|  |  |  |
| --- | --- | --- |
| [ART—a method on its way into dentistry](http://link.springer.com/article/10.1007/s00784-012-0815-0)  | 1335 | [Gottfried Schmalz](http://link.springer.com/search?facet-author=%22Gottfried+Schmalz%22) |
| [Twenty-five-year atraumatic restorative treatment (ART) approach: a comprehensive overview](http://link.springer.com/article/10.1007/s00784-012-0783-4)  | 1337 | [Jo E. Frencken](http://link.springer.com/search?facet-author=%22Jo+E.+Frencken%22), [Soraya Coelho Leal](http://link.springer.com/search?facet-author=%22Soraya+Coelho+Leal%22), [Maria Fidela Navarro](http://link.springer.com/search?facet-author=%22Maria+Fidela+Navarro%22) |
| [Implant rehabilitation in patients with oral lichen planus: an overview](http://link.springer.com/article/10.1007/s00784-012-0695-3)  | 1347 | [Massimo Petruzzi](http://link.springer.com/search?facet-author=%22Massimo+Petruzzi%22), [Michele De Benedittis](http://link.springer.com/search?facet-author=%22Michele+De+Benedittis%22), [Roberto Cortelazzi](http://link.springer.com/search?facet-author=%22Roberto+Cortelazzi%22)… |
| [Smoking affects quality of life in patients with oral squamous cell carcinomas](http://link.springer.com/article/10.1007/s00784-011-0631-y)  | 1353 | [Gertrud Krüskemper](http://link.springer.com/search?facet-author=%22Gertrud+Kr%C3%BCskemper%22), [Jörg Handschel](http://link.springer.com/search?facet-author=%22J%C3%B6rg+Handschel%22) |
| [The evaluation of the effects of hyperbaric oxygen therapy on new bone formation obtained by distraction osteogenesis in terms of consolidation periods](http://link.springer.com/article/10.1007/s00784-011-0644-6)  | 1363 | [Ibrahim Mutlu](http://link.springer.com/search?facet-author=%22Ibrahim+Mutlu%22), [Yavuz Sinan Aydintug](http://link.springer.com/search?facet-author=%22Yavuz+Sinan+Aydintug%22), [Ayper Kaya](http://link.springer.com/search?facet-author=%22Ayper+Kaya%22)… |
| [Bleeding incidence after oral surgery with continued oral anticoagulation](http://link.springer.com/article/10.1007/s00784-011-0649-1)  | 1371 | [Wolfgang Eichhorn](http://link.springer.com/search?facet-author=%22Wolfgang+Eichhorn%22), [Jens Burkert](http://link.springer.com/search?facet-author=%22Jens+Burkert%22), [Oliver Vorwig](http://link.springer.com/search?facet-author=%22Oliver+Vorwig%22)… |
| [Assessment of lipopolysaccharide microleakage at conical implant-abutment connections](http://link.springer.com/article/10.1007/s00784-011-0646-4)  | 1377 | [Sönke Harder](http://link.springer.com/search?facet-author=%22S%C3%B6nke+Harder%22), [Elgar Susanne Quabius](http://link.springer.com/search?facet-author=%22Elgar+Susanne+Quabius%22), [Lars Ossenkop](http://link.springer.com/search?facet-author=%22Lars+Ossenkop%22)… |
| [In vitro evaluation of marginal and internal adaptation after occlusal stressing of indirect class II composite restorations with different resinous bases and interface treatments. “Post-fatigue adaptation of indirect composite restorations”](http://link.springer.com/article/10.1007/s00784-011-0632-x)  | 1385 | [Giovanni Tommaso Rocca](http://link.springer.com/search?facet-author=%22Giovanni+Tommaso+Rocca%22), [Ladislav Gregor](http://link.springer.com/search?facet-author=%22Ladislav+Gregor%22)… |
| [Caries-preventive and remineralizing effect of fluoride gel in orthodontic patients after 2 years](http://link.springer.com/article/10.1007/s00784-011-0637-5)  | 1395 | [Christian H. Splieth](http://link.springer.com/search?facet-author=%22Christian+H.+Splieth%22), [Anja Treuner](http://link.springer.com/search?facet-author=%22Anja+Treuner%22), [Tomasz Gedrange](http://link.springer.com/search?facet-author=%22Tomasz+Gedrange%22)… |
| [Shear bond strength between an indirect composite layering material and feldspathic porcelain-coated zirconia ceramics](http://link.springer.com/article/10.1007/s00784-011-0641-9)  | 1401 | [Ryosuke Fushiki](http://link.springer.com/search?facet-author=%22Ryosuke+Fushiki%22), [Futoshi Komine](http://link.springer.com/search?facet-author=%22Futoshi+Komine%22), [Markus B. Blatz](http://link.springer.com/search?facet-author=%22Markus+B.+Blatz%22)… |
| [Seven-year clinical performance of CEREC-2 all-ceramic CAD/CAM restorations placed within deeply destroyed teeth](http://link.springer.com/article/10.1007/s00784-011-0642-8)  | 1413 | [Matthias J. Roggendorf](http://link.springer.com/search?facet-author=%22Matthias+J.+Roggendorf%22), [Bianka Kunzi](http://link.springer.com/search?facet-author=%22Bianka+Kunzi%22), [Johannes Ebert](http://link.springer.com/search?facet-author=%22Johannes+Ebert%22)… |
| [Depth of cure and mechanical properties of nano-hybrid resin-based composites with novel and conventional matrix formulation](http://link.springer.com/article/10.1007/s00784-011-0647-3)  | 1425 | [Karina E. Frauscher](http://link.springer.com/search?facet-author=%22Karina+E.+Frauscher%22), [Nicoleta Ilie](http://link.springer.com/search?facet-author=%22Nicoleta+Ilie%22) |
| [Plaque-left-behind after brushing: intra-oral reservoir for antibacterial toothpaste ingredients](http://link.springer.com/article/10.1007/s00784-011-0648-2)  | 1435 | [Marieke P. T. Otten](http://link.springer.com/search?facet-author=%22Marieke+P.+T.+Otten%22), [Henk J. Busscher](http://link.springer.com/search?facet-author=%22Henk+J.+Busscher%22), [Frank Abbas](http://link.springer.com/search?facet-author=%22Frank+Abbas%22)… |
| [Effectiveness of two new types of sealants: retention after 2 years](http://link.springer.com/article/10.1007/s00784-011-0633-9)  | 1443 | [Xi Chen](http://link.springer.com/search?facet-author=%22Xi+Chen%22), [Minquan Du](http://link.springer.com/search?facet-author=%22Minquan+Du%22), [Mingwen Fan](http://link.springer.com/search?facet-author=%22Mingwen+Fan%22), [Jan Mulder](http://link.springer.com/search?facet-author=%22Jan+Mulder%22)… |
| [Long-term bonding to eroded dentin requires superficial bur preparation](http://link.springer.com/article/10.1007/s00784-011-0650-8)  | 1451 | [Brigitte Zimmerli](http://link.springer.com/search?facet-author=%22Brigitte+Zimmerli%22), [Jan De Munck](http://link.springer.com/search?facet-author=%22Jan+De+Munck%22), [Adrian Lussi](http://link.springer.com/search?facet-author=%22Adrian+Lussi%22)… |
| [Expression and secretion levels of Th1 and Th2 cytokines in patients with aggressive periodontitis](http://link.springer.com/article/10.1007/s00784-011-0634-8)  | 1463 | [J. R. Gonzales](http://link.springer.com/search?facet-author=%22J.+R.+Gonzales%22), [Sabine Gröger](http://link.springer.com/search?facet-author=%22Sabine+Gr%C3%B6ger%22), [Rolf-Hasso Boedeker](http://link.springer.com/search?facet-author=%22Rolf-Hasso+Boedeker%22)… |
| [Microbiological profile and calprotectin expression in naturally occurring and experimentally induced gingivitis](http://link.springer.com/article/10.1007/s00784-011-0643-7)  | 1475 | [Roberto Farina](http://link.springer.com/search?facet-author=%22Roberto+Farina%22), [Maria Elena Guarnelli](http://link.springer.com/search?facet-author=%22Maria+Elena+Guarnelli%22), [Elena Figuero](http://link.springer.com/search?facet-author=%22Elena+Figuero%22)… |
| [The use of endodontically treated and/or fiber post-retained teeth as abutments for fixed partial dentures](http://link.springer.com/article/10.1007/s00784-011-0635-7)  | 1485 | [Serhan Akman](http://link.springer.com/search?facet-author=%22Serhan+Akman%22), [Melek Akman](http://link.springer.com/search?facet-author=%22Melek+Akman%22), [Gürcan Eskitaşcıoğlu](http://link.springer.com/search?facet-author=%22G%C3%BCrcan+Eskita%C5%9Fc%C4%B1o%C4%9Flu%22), [Sema Belli](http://link.springer.com/search?facet-author=%22Sema+Belli%22) |
| [Influence of apical taper on the quality of thermoplasticized root fillings assessed by micro-computed tomography](http://link.springer.com/article/10.1007/s00784-011-0638-4)  | 1493 | [C. Zogheib](http://link.springer.com/search?facet-author=%22C.+Zogheib%22), [A. Naaman](http://link.springer.com/search?facet-author=%22A.+Naaman%22), [E. Medioni](http://link.springer.com/search?facet-author=%22E.+Medioni%22), [R. Arbab-Chirani](http://link.springer.com/search?facet-author=%22R.+Arbab-Chirani%22) |
| [Boundary lubrication by brushed salivary conditioning films and their degree of glycosylation](http://link.springer.com/article/10.1007/s00784-011-0645-5)  | 1499 | [Deepak H. Veeregowda](http://link.springer.com/search?facet-author=%22Deepak+H.+Veeregowda%22), [Henny C. van der Mei](http://link.springer.com/search?facet-author=%22Henny+C.+van+der+Mei%22), [Joop de Vries](http://link.springer.com/search?facet-author=%22Joop+de+Vries%22)… |
| Image resolution and exposure time of digital radiographsaffects fractal dimension of periapical bone | 1507 | B. Güniz Baksi & Aleš Fidler |
| RETRACTED ARTICLE: Chewing ability in an adultChinese population | 1511 | Qian Zhang & Dick J. Witter & Ewald M. Bronkhorst &Nico H. J. Creugers |
| To the editor: probiotic Lactobacillus paracasei effecton cariogenic bacterial flora | 1513 | Alireza Akbarzadeh Baghban & Leili Mehrdad |
| Reply to the letter to the editor: Probiotic Lactobacillus paracaseieffect on cariogenic bacterial flora | 1515 | Li-Chuan Chuang & Shiao-Yu Lin |

**CLINICAL ORAL INVESTIGATION**

**CONTENTS**

**Vol. 16 Issue.6 Dec 2012**

|  |  |  |
| --- | --- | --- |
| [Auricular acupuncture effectively reduces state anxiety before dental treatment—a randomised controlled trial](http://link.springer.com/article/10.1007/s00784-011-0662-4)  | 1517 | [Andrea Michalek-Sauberer](http://link.springer.com/search?facet-author=%22Andrea+Michalek-Sauberer%22), [Erich Gusenleitner](http://link.springer.com/search?facet-author=%22Erich+Gusenleitner%22)… |
| [Eosinophils may predict occult lymph node metastasis in early oral cancer](http://link.springer.com/article/10.1007/s00784-011-0651-7)  | 1523 | [D. T. Oliveira](http://link.springer.com/search?facet-author=%22D.+T.+Oliveira%22), [T. P. Biassi](http://link.springer.com/search?facet-author=%22T.+P.+Biassi%22), [S. E. S. Faustino](http://link.springer.com/search?facet-author=%22S.+E.+S.+Faustino%22) |
| [Spin electron paramagnetic resonance of albumin for diagnosis of oral squamous cell carcinoma (OSCC)](http://link.springer.com/article/10.1007/s00784-011-0655-3)  | 1529 | [Maximilian Moergel](http://link.springer.com/search?facet-author=%22Maximilian+Moergel%22), [Peer W. Kämmerer](http://link.springer.com/search?facet-author=%22Peer+W.+K%C3%A4mmerer%22), [Kerstin Schnurr](http://link.springer.com/search?facet-author=%22Kerstin+Schnurr%22)… |
| [Evaluation of a new optical measuring system for experiments on fractured human mandibles](http://link.springer.com/article/10.1007/s00784-011-0659-z)  | 1535 | [T. Steiner](http://link.springer.com/search?facet-author=%22T.+Steiner%22), [S. Raith](http://link.springer.com/search?facet-author=%22S.+Raith%22), [S. Eichhorn](http://link.springer.com/search?facet-author=%22S.+Eichhorn%22), [S. Doebele](http://link.springer.com/search?facet-author=%22S.+Doebele%22), [S. Trainotti](http://link.springer.com/search?facet-author=%22S.+Trainotti%22)… |
| [Effect of radiation dose on the prevalence of apical periodontitis—a dosimetric analysis](http://link.springer.com/article/10.1007/s00784-011-0665-1)  | 1543 | [Geert M. G. Hommez](http://link.springer.com/search?facet-author=%22Geert+M.+G.+Hommez%22), [Gert O. De Meerleer](http://link.springer.com/search?facet-author=%22Gert+O.+De+Meerleer%22)… |
| [Investigation of trefoil factor expression in saliva and oral mucosal tissues of patients with oral squamous cell carcinoma](http://link.springer.com/article/10.1007/s00784-011-0667-z)  | 1549 | [Ponlatham Chaiyarit](http://link.springer.com/search?facet-author=%22Ponlatham+Chaiyarit%22), [Akasith Utrawichian](http://link.springer.com/search?facet-author=%22Akasith+Utrawichian%22)… |
| [Total antioxidant capacity and total oxidant status of synovial fluids in patients with temporomandibular joint pain and dysfunction](http://link.springer.com/article/10.1007/s00784-011-0666-0)  | 1557 | [Osman A. Etöz](http://link.springer.com/search?facet-author=%22Osman+A.+Et%C3%B6z%22), [Hüseyin Akçay](http://link.springer.com/search?facet-author=%22H%C3%BCseyin+Ak%C3%A7ay%22), [Salim Neşelioğlu](http://link.springer.com/search?facet-author=%22Salim+Ne%C5%9Felio%C4%9Flu%22), [Özcan Erel](http://link.springer.com/search?facet-author=%22%C3%96zcan+Erel%22)… |
| [Excessıve fluorıde ıntake alters the MMP-2, TIMP-1 and TGF-β levels of perıodontal soft tıssues: an experımental study ın rabbıts](http://link.springer.com/article/10.1007/s00784-011-0652-6)  | 1563 | [Müge Lütfioğlu](http://link.springer.com/search?facet-author=%22M%C3%BCge+L%C3%BCtfio%C4%9Flu%22), [Elif Eser Sakallıoğlu](http://link.springer.com/search?facet-author=%22Elif+Eser+Sakall%C4%B1o%C4%9Flu%22), [Umur Sakallıoğlu](http://link.springer.com/search?facet-author=%22Umur+Sakall%C4%B1o%C4%9Flu%22)… |
| [Human and bovine pulp-derived cell reactions to dental resin cements](http://link.springer.com/article/10.1007/s00784-011-0657-1)  | 1571 | [Hayriye Esra Ülker](http://link.springer.com/search?facet-author=%22Hayriye+Esra+%C3%9Clker%22), [Karl Anton Hiller](http://link.springer.com/search?facet-author=%22Karl+Anton+Hiller%22), [Helmut Schweikl](http://link.springer.com/search?facet-author=%22Helmut+Schweikl%22)… |
| [Quantitative analysis of microbiota in saliva, supragingival, and subgingival plaque of Chinese adults with chronic periodontitis](http://link.springer.com/article/10.1007/s00784-011-0654-4)  | 1579 | [Jiayan He](http://link.springer.com/search?facet-author=%22Jiayan+He%22), [Wujing Huang](http://link.springer.com/search?facet-author=%22Wujing+Huang%22), [Zhiwen Pan](http://link.springer.com/search?facet-author=%22Zhiwen+Pan%22), [Honghua Cui](http://link.springer.com/search?facet-author=%22Honghua+Cui%22)… |
| [Characterization of *Aggregatibacter actinomycetemcomitans* strains in periodontitis patients in Germany](http://link.springer.com/article/10.1007/s00784-012-0672-x)  | 1589 | [Holger Jentsch](http://link.springer.com/search?facet-author=%22Holger+Jentsch%22), [Georg Cachovan](http://link.springer.com/search?facet-author=%22Georg+Cachovan%22), [Arndt Guentsch](http://link.springer.com/search?facet-author=%22Arndt+Guentsch%22)… |
| [Is endodontic treatment performed under general anaesthesia technically acceptable?](http://link.springer.com/article/10.1007/s00784-011-0663-3)  | 1599 | [Iyad Alsaleh](http://link.springer.com/search?facet-author=%22Iyad+Alsaleh%22), [Pierre-Yves Cousson](http://link.springer.com/search?facet-author=%22Pierre-Yves+Cousson%22), [Emmanuel Nicolas](http://link.springer.com/search?facet-author=%22Emmanuel+Nicolas%22)… |
| [Long-term outcome of primary non-surgical root canal treatment](http://link.springer.com/article/10.1007/s00784-011-0664-2)  | 1607 | [A. H. C. Lee](http://link.springer.com/search?facet-author=%22A.+H.+C.+Lee%22), [G. S. P. Cheung](http://link.springer.com/search?facet-author=%22G.+S.+P.+Cheung%22), [M. C. M. Wong](http://link.springer.com/search?facet-author=%22M.+C.+M.+Wong%22) |
| [The association between complete absence of post-treatment periapical lesion and quality of root canal filling](http://link.springer.com/article/10.1007/s00784-011-0671-3)  | 1619 | [Yu-Hong Liang](http://link.springer.com/search?facet-author=%22Yu-Hong+Liang%22), [Gang Li](http://link.springer.com/search?facet-author=%22Gang+Li%22), [Hagay Shemesh](http://link.springer.com/search?facet-author=%22Hagay+Shemesh%22), [Paul R. Wesselink](http://link.springer.com/search?facet-author=%22Paul+R.+Wesselink%22)… |
| [In vitro evaluation of the effect of post system and length on the fracture resistance of endodontically treated human anterior teeth](http://link.springer.com/article/10.1007/s00784-012-0673-9)  | 1627 | [Sahil Jindal](http://link.springer.com/search?facet-author=%22Sahil+Jindal%22), [Ritu Jindal](http://link.springer.com/search?facet-author=%22Ritu+Jindal%22), [Sandeep Mahajan](http://link.springer.com/search?facet-author=%22Sandeep+Mahajan%22), [Rohini Dua](http://link.springer.com/search?facet-author=%22Rohini+Dua%22)… |
| [Inhibition of cell survival, viability and proliferation by dentin adhesives after direct and indirect exposure in vitro](http://link.springer.com/article/10.1007/s00784-011-0669-x)  | 1635 | [Safa Tuncer](http://link.springer.com/search?facet-author=%22Safa+Tuncer%22), [Mustafa Demirci](http://link.springer.com/search?facet-author=%22Mustafa+Demirci%22), [Helmut Schweikl](http://link.springer.com/search?facet-author=%22Helmut+Schweikl%22), [Mine Erguven](http://link.springer.com/search?facet-author=%22Mine+Erguven%22)… |
| [Risk indicators for the presence and extent of root caries among caries-active adults enrolled in the Xylitol for Adult Caries Trial (X-ACT)](http://link.springer.com/article/10.1007/s00784-011-0656-2)  | 1647 | [André V. Ritter](http://link.springer.com/search?facet-author=%22Andr%C3%A9+V.+Ritter%22), [John S. Preisser](http://link.springer.com/search?facet-author=%22John+S.+Preisser%22), [Yunro Chung](http://link.springer.com/search?facet-author=%22Yunro+Chung%22)… |
| [In vitro investigation of the performance of different restorative materials under cast circumferential clasps for removable dental prostheses](http://link.springer.com/article/10.1007/s00784-011-0653-5)  | 1659 | [Peter Pospiech](http://link.springer.com/search?facet-author=%22Peter+Pospiech%22), [Florian Nagel](http://link.springer.com/search?facet-author=%22Florian+Nagel%22), [Florian Gebhart](http://link.springer.com/search?facet-author=%22Florian+Gebhart%22)… |
| [Load-bearing capacity of CAD/CAM milled polymeric three-unit fixed dental prostheses: Effect of aging regimens](http://link.springer.com/article/10.1007/s00784-011-0670-4)  | 1669 | [Bogna Stawarczyk](http://link.springer.com/search?facet-author=%22Bogna+Stawarczyk%22), [Andreas Ender](http://link.springer.com/search?facet-author=%22Andreas+Ender%22), [Albert Trottmann](http://link.springer.com/search?facet-author=%22Albert+Trottmann%22)… |
| [Relation between insertion torque and bone–implant contact percentage: an artificial bone study](http://link.springer.com/article/10.1007/s00784-011-0658-0)  | 1679 | [Cheng Liu](http://link.springer.com/search?facet-author=%22Cheng+Liu%22), [Ming-Tzu Tsai](http://link.springer.com/search?facet-author=%22Ming-Tzu+Tsai%22), [Heng-Li Huang](http://link.springer.com/search?facet-author=%22Heng-Li+Huang%22)… |
| Case–control study on the survival of abutment teethof partially dentate patients | 1685 | K. Stegelmann & M. Dirheimer & E. Ludwig O. Moldovan & H. Rudolph & R. G. Luthardt & B. A. Just |
| Periodontal findings and platelet parameters | 1693 | Beuy Joob & Viroj Wiwanitkit |
| On hematological features in adolescents with periodontitis | 1695 | Rodrigo Lopez & Bruno G. Loos & Vibeke Baelum |
| Design and analytical issues: a response to “Long-term effectsof tongue piercing—a case control study” | 1697 | Chelsea Singleton & Gerald McGwin Jr. |
| Response to the letter to the editor: “Design and analyticalissues: a response to ‘Long-term effects of tonguepiercing—a case control study’” | 1699 | Dirk Ziebolz & Aick Hildebrand & Peter Proff &Sven Rinke & Else Hornecker & Rainer F. Mausberg &Hans-Joachim Helms |