**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.1 Jan 2013**

|  |  |  |
| --- | --- | --- |
| [Dental and oral anomalies in incontinentia pigmenti: a systematic review](http://link.springer.com/article/10.1007/s00784-012-0721-5)  | 1 | [Snežana Minić](http://link.springer.com/search?facet-author=%22Sne%C5%BEana+Mini%C4%87%22), [Dušan Trpinac](http://link.springer.com/search?facet-author=%22Du%C5%A1an+Trpinac%22), [Heinz Gabriel](http://link.springer.com/search?facet-author=%22Heinz+Gabriel%22), [Martin Gencik](http://link.springer.com/search?facet-author=%22Martin+Gencik%22)… |
| [Scaffold-free microtissues: differences from monolayer cultures and their potential in bone tissue engineering](http://link.springer.com/article/10.1007/s00784-012-0763-8)  | 9 | [Fabian Langenbach](http://link.springer.com/search?facet-author=%22Fabian+Langenbach%22), [Christian Naujoks](http://link.springer.com/search?facet-author=%22Christian+Naujoks%22), [Ralf Smeets](http://link.springer.com/search?facet-author=%22Ralf+Smeets%22)… |
| [Gingival fluid cytokine expression and subgingival bacterial counts during pregnancy and postpartum: a case series](http://link.springer.com/article/10.1007/s00784-012-0674-8)  | 19 | [Regina Alessandri Bieri](http://link.springer.com/search?facet-author=%22Regina+Alessandri+Bieri%22), [Laurence Adriaens](http://link.springer.com/search?facet-author=%22Laurence+Adriaens%22), [Stefan Spörri](http://link.springer.com/search?facet-author=%22Stefan+Sp%C3%B6rri%22)… |
| [Validation of the Spanish version of the “Questionnaire on the treatment of approximal and occlusal caries”](http://link.springer.com/article/10.1007/s00784-012-0678-4)  | 29 | [Begoña Ruiz](http://link.springer.com/search?facet-author=%22Bego%C3%B1a+Ruiz%22), [Iván Urzúa](http://link.springer.com/search?facet-author=%22Iv%C3%A1n+Urz%C3%BAa%22), [Rodrigo Cabello](http://link.springer.com/search?facet-author=%22Rodrigo+Cabello%22), [Gonzalo Rodríguez](http://link.springer.com/search?facet-author=%22Gonzalo+Rodr%C3%ADguez%22)… |
| [Effect of nonsurgical periodontal therapy and strict plaque control on preterm/low birth weight: a randomized controlled clinical trial](http://link.springer.com/article/10.1007/s00784-012-0679-3)  | 37 | [Patricia Weidlich](http://link.springer.com/search?facet-author=%22Patricia+Weidlich%22), [Carlos Heitor C. Moreira](http://link.springer.com/search?facet-author=%22Carlos+Heitor+C.+Moreira%22), [Tiago Fiorini](http://link.springer.com/search?facet-author=%22Tiago+Fiorini%22)… |
| [Maxillary rehabilitation of periodontally compromised patients with extensive one-piece fixed prostheses supported by natural teeth: a retrospective longitudinal study](http://link.springer.com/article/10.1007/s00784-012-0681-9)  | 45 | [Alexander Heschl](http://link.springer.com/search?facet-author=%22Alexander+Heschl%22), [Michael Haas](http://link.springer.com/search?facet-author=%22Michael+Haas%22), [Josef Haas](http://link.springer.com/search?facet-author=%22Josef+Haas%22), [Michael Payer](http://link.springer.com/search?facet-author=%22Michael+Payer%22)… |
| [A randomized clinical trial on the clinical and microbiological efficacy of a xanthan gel with chlorhexidine for subgingival use](http://link.springer.com/article/10.1007/s00784-012-0685-5)  | 55 | [Paula Matesanz](http://link.springer.com/search?facet-author=%22Paula+Matesanz%22), [David Herrera](http://link.springer.com/search?facet-author=%22David+Herrera%22), [Ana Echeverría](http://link.springer.com/search?facet-author=%22Ana+Echeverr%C3%ADa%22), [Ana O’Connor](http://link.springer.com/search?facet-author=%22Ana+O%E2%80%99Connor%22)… |
| [Connective tissue graft plus resin-modified glass ionomer restoration for the treatment of gingival recession associated with non-carious cervical lesions: microbiological and immunological results](http://link.springer.com/article/10.1007/s00784-012-0690-8)  | 67 | [Mauro Pedrine Santamaria](http://link.springer.com/search?facet-author=%22Mauro+Pedrine+Santamaria%22), [Marcio Zaffalon Casati](http://link.springer.com/search?facet-author=%22Marcio+Zaffalon+Casati%22)… |
| [Oral microbiota in Swiss adolescents](http://link.springer.com/article/10.1007/s00784-012-0696-2) [Sigrun Eick](http://link.springer.com/search?facet-author=%22Sigrun+Eick%22), [Malgorzata Pietkiewicz](http://link.springer.com/search?facet-author=%22Malgorzata+Pietkiewicz%22), [Anton Sculean](http://link.springer.com/search?facet-author=%22Anton+Sculean%22) Pages 79-86  |  |  |
| [Clinical and microbiological evaluation of high intensity diode laser adjutant to non-surgical periodontal treatment: a 6-month clinical trial](http://link.springer.com/article/10.1007/s00784-012-0703-7)  | 87 | [Vanessa Tubero Euzebio Alves](http://link.springer.com/search?facet-author=%22Vanessa+Tubero+Euzebio+Alves%22), [Ana Karina Pinto de Andrade](http://link.springer.com/search?facet-author=%22Ana+Karina+Pinto+de+Andrade%22)… |
| [Evaluation of the quality of different endodontic obturation techniques by digital radiography](http://link.springer.com/article/10.1007/s00784-012-0675-7)  | 97 | [Larissa Dantas Fracassi](http://link.springer.com/search?facet-author=%22Larissa+Dantas+Fracassi%22), [Eduardo Gomes Ferraz](http://link.springer.com/search?facet-author=%22Eduardo+Gomes+Ferraz%22)… |
| [Incidence of three roots and/or four root canals in the permanent mandibular first molars in a Korean sub-population](http://link.springer.com/article/10.1007/s00784-012-0687-3)  | 105 | [Ju-Kyong Jang](http://link.springer.com/search?facet-author=%22Ju-Kyong+Jang%22), [Ove A. Peters](http://link.springer.com/search?facet-author=%22Ove+A.+Peters%22), [WooCheol Lee](http://link.springer.com/search?facet-author=%22WooCheol+Lee%22), [Sung-Ae Son](http://link.springer.com/search?facet-author=%22Sung-Ae+Son%22)… |
| [The role of unfinished root canal treatment in odontogenic maxillofacial infections requiring hospital care](http://link.springer.com/article/10.1007/s00784-012-0710-8) | 113 | [L. Grönholm](http://link.springer.com/search?facet-author=%22L.+Gr%C3%B6nholm%22), [K. K. Lemberg](http://link.springer.com/search?facet-author=%22K.+K.+Lemberg%22), [L. Tjäderhane](http://link.springer.com/search?facet-author=%22L.+Tj%C3%A4derhane%22), [A. Lauhio](http://link.springer.com/search?facet-author=%22A.+Lauhio%22)… |
| [The original family revisited after 37 years: odontoma–dysphagia syndrome is most likely caused by a microduplication of chromosome 11q13.3, including the *FGF3* and *FGF4* genes](http://link.springer.com/article/10.1007/s00784-012-0676-6)  | 123 | [Thomas Ziebart](http://link.springer.com/search?facet-author=%22Thomas+Ziebart%22), [Florian G. Draenert](http://link.springer.com/search?facet-author=%22Florian+G.+Draenert%22), [Danuta Galetzka](http://link.springer.com/search?facet-author=%22Danuta+Galetzka%22)… |
| [Mechanical stress induces bone formation in the maxillary sinus in a short-term mouse model](http://link.springer.com/article/10.1007/s00784-012-0686-4)  | 131 | [Shingo Kuroda](http://link.springer.com/search?facet-author=%22Shingo+Kuroda%22), [Rima Wazen](http://link.springer.com/search?facet-author=%22Rima+Wazen%22), [Pierre Moffatt](http://link.springer.com/search?facet-author=%22Pierre+Moffatt%22), [Eiji Tanaka](http://link.springer.com/search?facet-author=%22Eiji+Tanaka%22)… |
| [The color change in artificial white spot lesions measured using a spectroradiometer](http://link.springer.com/article/10.1007/s00784-012-0680-x)  | 139 | [Younju Kim](http://link.springer.com/search?facet-author=%22Younju+Kim%22), [Ho-Hyun Son](http://link.springer.com/search?facet-author=%22Ho-Hyun+Son%22), [Keewook Yi](http://link.springer.com/search?facet-author=%22Keewook+Yi%22), [Hae-Young Kim](http://link.springer.com/search?facet-author=%22Hae-Young+Kim%22)… |
| [Melatonin promotes angiogenesis during repair of bone defects: a radiological and histomorphometric study in rabbit tibiae](http://link.springer.com/article/10.1007/s00784-012-0684-6)  | 147 | [María Piedad Ramírez-Fernández](http://link.springer.com/search?facet-author=%22Mar%C3%ADa+Piedad+Ram%C3%ADrez-Fern%C3%A1ndez%22), [José Luis Calvo-Guirado](http://link.springer.com/search?facet-author=%22Jos%C3%A9+Luis+Calvo-Guirado%22)… |
| [Halitosis and tongue coating in patients with erosive gastroesophageal reflux disease versus nonerosive gastroesophageal reflux disease](http://link.springer.com/article/10.1007/s00784-012-0705-5)  | 159 | [Karin Kislig](http://link.springer.com/search?facet-author=%22Karin+Kislig%22), [Clive H. Wilder-Smith](http://link.springer.com/search?facet-author=%22Clive+H.+Wilder-Smith%22), [Michael M. Bornstein](http://link.springer.com/search?facet-author=%22Michael+M.+Bornstein%22)… |
| [Osteopathology induced by bisphosphonates and dental implants: clinical observations](http://link.springer.com/article/10.1007/s00784-012-0708-2)  | 167 | [Christine Jacobsen](http://link.springer.com/search?facet-author=%22Christine+Jacobsen%22), [Philipp Metzler](http://link.springer.com/search?facet-author=%22Philipp+Metzler%22), [Matthias Rössle](http://link.springer.com/search?facet-author=%22Matthias+R%C3%B6ssle%22)… |
| [Effect of proximal box elevation with resin composite on marginal quality of ceramic inlays in vitro](http://link.springer.com/article/10.1007/s00784-012-0677-5)  | 177 | [Roland Frankenberger](http://link.springer.com/search?facet-author=%22Roland+Frankenberger%22), [Julia Hehn](http://link.springer.com/search?facet-author=%22Julia+Hehn%22), [Jan Hajtó](http://link.springer.com/search?facet-author=%22Jan+Hajt%C3%B3%22), [Norbert Krämer](http://link.springer.com/search?facet-author=%22Norbert+Kr%C3%A4mer%22)… |
| Investigations towards nano-hybrid resin-based composites | 185 | Nicoleta Ilie , Adam Rencz , Reinhard Hickel |
| In situ randomised trial to investigate the occluding propertiesof two desensitising toothpastes on dentine after subsequentacid challenge | 195 | J. Seong , E. Macdonald , R. G. Newcombe , M. Davies ,S. B. Jones , S. Johnson , N. X. West |
| Dentin infiltration ability of different classesof adhesive systems | 205 | Alina Langer , Nicoleta Ilie |
| The effect of a tin-containing fluoride mouth rinseon the bond between resin composite and erosivelydemineralised dentin | 217 | Simon Flury , Tamara Koch , Anne Peutzfeldt ,Adrian Lussi , Carolina Ganss |
| In vitro comparison of mechanical properties and degreeof cure of bulk fill composites | 227 | Pascal Czasch , Nicoleta Ilie |
| Tetrahydrofuran as solvent in dental adhesives:cytotoxicity and dentin bond stability | 237 | Silvia Terra Fontes , María Raquel Fernández ,Fabrício Aulo Ogliari , Rodrigo Varella de Carvalho ,Rafael Ratto de Moraes , Márcia Bueno Pinto ,Evandro Piva |
| Clinical evaluation of the performance and safetyof a new dentine substitute, Biodentine, in the restorationof posterior teeth — a prospective study | 243 | Gilles Koubi , Pierre Colon , Jean-Claude Franquin ,Aline Hartmann , Gilles Richard , Marie-Odile Faure ,Grégory Lambert |
| The effect of aging on themechanical properties of nanohybridcomposites based on new monomer formulations | 251 | Christine Schmidt , Nicoleta Ilie |
| Accuracy of transfer of bite recording to simulatedprosthetic reconstructions | 259 | D. Hellmann , E. Etz , N. N. Giannakopoulos ,P. Rammelsberg , M. Schmitter , H. J. Schindler |
| The effect of zirconia sintering temperature on flexuralstrength, grain size, and contrast ratio | 269 | Bogna Stawarczyk ,Mutlu Özcan , Lubica Hallmann ,Andreas Ender , Albert Mehl ,Christoph H. F. Hämmerlet |
| Clinical results of lithium-disilicate crowns after up to 9 yearsof service | 275 | Maren Gehrt , Stefan Wolfart , Nicole Rafai ,Sven Reich , Daniel Edelhoff |
| Reproducibility of three-dimensional cephalometriclandmarks in cone-beam and low-dose computedtomography | 285 | R. Olszewski , L. Frison , M. Wisniewski , J. M. Denis ,S. Vynckier , G. Cosnard , F. Zech , H. Reychler |
| An in vitro comparison of subjective image qualityof panoramic views acquired via 2D or 3D imaging | 293 | P. Pittayapat , D. Galiti , Y. Huang , K. Dreesen ,M. Schreurs , P. Couto Souza , I. R. F. Rubira-Bullen ,F. H. Westphalen , R. Pauwels , G. Kalema ,G. Willems , R Jacobs |
| Interactions between endothelial progenitor cells (EPC)and titanium implant surfaces | 301 | Thomas Ziebart , Anne Schnell , Christian Walter ,Peer W. Kämmerer , Andreas Pabst ,Karl M. Lehmann , Johanna Ziebart , Marc O. Klein ,Bilal Al-Nawas |
| Influence of MMP-8 promoter polymorphism in earlyosseointegrated implant failure | 311 | F. R. Costa-Junior , C. C. Alvim-Pereira ,F. Alvim-Pereira , P. C. Trevilatto , A. P. de Souza ,Maria Cristina L. G. Santos |
| Comparison of cone-beam and conventional multislicecomputed tomography for image-guided dental implantplanning | 317 | Paul W. Poeschl , Nina Schmidt ,Godoberto Guevara-Rojas , Rudolf Seemann ,Rolf Ewers , Harald T. Zipko , Kurt Schicho |
| Effect of seating forces on cement–ceramic adhesionin microtensile bond tests | 325 | Susana María Salazar Marocho , Mutlu Özcan ,Regina Amaral , Luiz Felipe Valandro ,Marco Antonio Bottino |
| Possible link between Hashimoto's thyroiditis and oral lichen planus:a novel association found | 333 | Lorenzo Lo Muzio , Andrea Santarelli ,Giuseppina Campisi , MariaGrazia Lacaita ,Gianfranco Favia |
| Clustering of oral symptoms versus radiation-inducedapical periodontitis | 337 | Ana Carolina Prado Ribeiro , Marcio Ajudarte Lopes ,Thaís Bianca Brandão , Alan Roger Santos-Silva |
| Clustering of oral symptoms versus radiation-inducedapical periodontitis—author reply | 339 | Geert M. G. Hommez , Gert O. De Meerleer ,Wilfried J. De Neve , Roeland J. G. De Moor |

**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.1 Supp. March 2013**

|  |  |  |
| --- | --- | --- |
| [Foreword](http://link.springer.com/article/10.1007/s00784-012-0917-8)  | 1 | [A. Lussi](http://link.springer.com/search?facet-author=%22A.+Lussi%22), [E. Hellwig](http://link.springer.com/search?facet-author=%22E.+Hellwig%22) |
| [Epidemiology of dentin hypersensitivity](http://link.springer.com/article/10.1007/s00784-012-0889-8)  | 3 | [Christian H. Splieth](http://link.springer.com/search?facet-author=%22Christian+H.+Splieth%22), [Aikaterini Tachou](http://link.springer.com/search?facet-author=%22Aikaterini+Tachou%22) |
| [Dentin hypersensitivity: pain mechanisms and aetiology of exposed cervical dentin](http://link.springer.com/article/10.1007/s00784-012-0887-x)  | 9 | [N. X. West](http://link.springer.com/search?facet-author=%22N.+X.+West%22), [A. Lussi](http://link.springer.com/search?facet-author=%22A.+Lussi%22), [J. Seong](http://link.springer.com/search?facet-author=%22J.+Seong%22), [E. Hellwig](http://link.springer.com/search?facet-author=%22E.+Hellwig%22) |
| [Current diagnosis of dentin hypersensitivity in the dental office: an overview](http://link.springer.com/article/10.1007/s00784-012-0911-1)  | 21 | [David G. Gillam](http://link.springer.com/search?facet-author=%22David+G.+Gillam%22) |
| [How valid and applicable are current diagnostic criteria and assessment methods for dentin hypersensitivity? An overview](http://link.springer.com/article/10.1007/s00784-012-0891-1) | 31 | [Christian R. Gernhardt](http://link.springer.com/search?facet-author=%22Christian+R.+Gernhardt%22) |
| [How to make a link between Oral Health-Related Quality of Life and dentin hypersensitivity in the dental office?](http://link.springer.com/article/10.1007/s00784-012-0915-x)  | 41 | [Jean-Louis Sixou](http://link.springer.com/search?facet-author=%22Jean-Louis+Sixou%22) |
| [What is known about the influence of dentine hypersensitivity on oral health-related quality of life?](http://link.springer.com/article/10.1007/s00784-012-0888-9)  | 45 | [Katrin Bekes](http://link.springer.com/search?facet-author=%22Katrin+Bekes%22), [Christian Hirsch](http://link.springer.com/search?facet-author=%22Christian+Hirsch%22) |
| [Discussion: how can we improve diagnosis of dentin hypersensitivity in the dental office?](http://link.springer.com/article/10.1007/s00784-012-0913-z)  | 53 | [Jens C. Türp](http://link.springer.com/search?facet-author=%22Jens+C.+T%C3%BCrp%22) |
| [Current management of dentin hypersensitivity](http://link.springer.com/article/10.1007/s00784-012-0912-0)  | 55 | [Patrick R. Schmidlin](http://link.springer.com/search?facet-author=%22Patrick+R.+Schmidlin%22), [Phlipp Sahrmann](http://link.springer.com/search?facet-author=%22Phlipp+Sahrmann%22) |
| [What are the unmet needs in the dental office/at home to treat dentin hypersensitivity?](http://link.springer.com/article/10.1007/s00784-012-0914-y)  | 61 | [Karl Glockner](http://link.springer.com/search?facet-author=%22Karl+Glockner%22) |
| [The role of fluoride in the preventive management of dentin hypersensitivity and root caries](http://link.springer.com/article/10.1007/s00784-012-0916-9)  | 63 | [Lars G. Petersson](http://link.springer.com/search?facet-author=%22Lars+G.+Petersson%22) |
| [Exposed cervical dentin and dentin hypersensitivity summary of the discussion and recommendations](http://link.springer.com/article/10.1007/s00784-012-0902-2)  | 73 | [Cor van Loveren](http://link.springer.com/search?facet-author=%22Cor+van+Loveren%22) |
| [A decision tree for the management of exposed cervical dentin (ECD) and dentin hypersensitivity (DHS)](http://link.springer.com/article/10.1007/s00784-012-0898-7)  | 77 | [Luc C. Martens](http://link.springer.com/search?facet-author=%22Luc+C.+Martens%22) |

**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.2 March 2013**

|  |  |  |
| --- | --- | --- |
| [Alveolar ridge preservation. A systematic review](http://link.springer.com/article/10.1007/s00784-012-0758-5)  | 341 | [Attila Horváth](http://link.springer.com/search?facet-author=%22Attila+Horv%C3%A1th%22), [Nikos Mardas](http://link.springer.com/search?facet-author=%22Nikos+Mardas%22), [Luis André Mezzomo](http://link.springer.com/search?facet-author=%22Luis+Andr%C3%A9+Mezzomo%22)… |
| [Mesiodistal tooth size in non-syndromic unilateral cleft lip and palate patients: a meta-analysis](http://link.springer.com/article/10.1007/s00784-012-0819-9)  | 365 | [Gregory S. Antonarakis](http://link.springer.com/search?facet-author=%22Gregory+S.+Antonarakis%22), [Kleopatra Tsiouli](http://link.springer.com/search?facet-author=%22Kleopatra+Tsiouli%22)… |
| [Clinical and microbiological effects of ozone nano-bubble water irrigation as an adjunct to mechanical subgingival debridement in periodontitis patients in a randomized controlled trial](http://link.springer.com/article/10.1007/s00784-012-0711-7)  | 379 | [Sae Hayakumo](http://link.springer.com/search?facet-author=%22Sae+Hayakumo%22), [Shinichi Arakawa](http://link.springer.com/search?facet-author=%22Shinichi+Arakawa%22), [Yoshihiro Mano](http://link.springer.com/search?facet-author=%22Yoshihiro+Mano%22)… |
| [Digital method for quantification of circumferential periodontal bone level using cone beam CT](http://link.springer.com/article/10.1007/s00784-012-0715-3)  | 389 | [Jonathan Fleiner](http://link.springer.com/search?facet-author=%22Jonathan+Fleiner%22), [Christian Hannig](http://link.springer.com/search?facet-author=%22Christian+Hannig%22), [Dirk Schulze](http://link.springer.com/search?facet-author=%22Dirk+Schulze%22)… |
| [In vitro evaluation of surface roughness, adhesion of periodontal ligament fibroblasts, and *Streptococcus gordonii* following root instrumentation with Gracey curettes and subsequent polishing with diamond-coated curettes](http://link.springer.com/article/10.1007/s00784-012-0719-z)  | 397 | [Sigrun Eick](http://link.springer.com/search?facet-author=%22Sigrun+Eick%22), [Philip Bender](http://link.springer.com/search?facet-author=%22Philip+Bender%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)… |
| [Gene array of primary human osteoblasts exposed to enamel matrix derivative in combination with a natural bone mineral](http://link.springer.com/article/10.1007/s00784-012-0742-0)  | 405 | [Richard J. Miron](http://link.springer.com/search?facet-author=%22Richard+J.+Miron%22), [Dieter D. Bosshardt](http://link.springer.com/search?facet-author=%22Dieter+D.+Bosshardt%22), [Yufeng Zhang](http://link.springer.com/search?facet-author=%22Yufeng+Zhang%22)… |
| [Regeneration of the periodontium using enamel matrix derivative in combination with an injectable bone cement](http://link.springer.com/article/10.1007/s00784-012-0743-z)  | 411 | [Daniël A. W. Oortgiesen](http://link.springer.com/search?facet-author=%22Dani%C3%ABl+A.+W.+Oortgiesen%22), [Gert J. Meijer](http://link.springer.com/search?facet-author=%22Gert+J.+Meijer%22)… |
| [Histological evaluation of human intrabony periodontal defects treated with an unsintered nanocrystalline hydroxyapatite paste](http://link.springer.com/article/10.1007/s00784-012-0739-8)  | 423 | [Attila Horváth](http://link.springer.com/search?facet-author=%22Attila+Horv%C3%A1th%22), [Andreas Stavropoulos](http://link.springer.com/search?facet-author=%22Andreas+Stavropoulos%22), [Péter Windisch](http://link.springer.com/search?facet-author=%22P%C3%A9ter+Windisch%22)… |
| [One-year results of vital pulp therapy in permanent molars with irreversible pulpitis: an ongoing multicenter, randomized, non-inferiority clinical trial](http://link.springer.com/article/10.1007/s00784-012-0712-6)  | 431 | [Saeed Asgary](http://link.springer.com/search?facet-author=%22Saeed+Asgary%22), [Mohammad Jafar Eghbal](http://link.springer.com/search?facet-author=%22Mohammad+Jafar+Eghbal%22), [Jamileh Ghoddusi](http://link.springer.com/search?facet-author=%22Jamileh+Ghoddusi%22)… |
| [An optimized video system for augmented reality in endodontics: a feasibility study](http://link.springer.com/article/10.1007/s00784-012-0718-0)  | 441 | [D. D. Bruellmann](http://link.springer.com/search?facet-author=%22D.+D.+Bruellmann%22), [H. Tjaden](http://link.springer.com/search?facet-author=%22H.+Tjaden%22), [U. Schwanecke](http://link.springer.com/search?facet-author=%22U.+Schwanecke%22), [P. Barth](http://link.springer.com/search?facet-author=%22P.+Barth%22) |
| [Comparison between two thermoplastic root canal obturation techniques regarding extrusion of root canal filling—a retrospective in vivo study](http://link.springer.com/article/10.1007/s00784-012-0726-0)  | 449 | [Christian Tennert](http://link.springer.com/search?facet-author=%22Christian+Tennert%22), [Ingo Lars Jungbäck](http://link.springer.com/search?facet-author=%22Ingo+Lars+Jungb%C3%A4ck%22), [Karl-Thomas Wrbas](http://link.springer.com/search?facet-author=%22Karl-Thomas+Wrbas%22) |
| [EGCG blocks TGFβ1-induced CCN2 by suppressing JNK and p38 in buccal fibroblasts](http://link.springer.com/article/10.1007/s00784-012-0713-5)  | 455 | [Jenny Zwei-Chieng Chang](http://link.springer.com/search?facet-author=%22Jenny+Zwei-Chieng+Chang%22), [Wan-Hsien Yang](http://link.springer.com/search?facet-author=%22Wan-Hsien+Yang%22), [Yi-Ting Deng](http://link.springer.com/search?facet-author=%22Yi-Ting+Deng%22)… |
| [The short-term treatment effects on the microbiota at the dorsum of the tongue in intra-oral halitosis patients—a randomized clinical trial](http://link.springer.com/article/10.1007/s00784-012-0728-y)  | 463 | [Seida Erovic Ademovski](http://link.springer.com/search?facet-author=%22Seida+Erovic+Ademovski%22), [G. Rutger Persson](http://link.springer.com/search?facet-author=%22G.+Rutger+Persson%22), [Edwin Winkel](http://link.springer.com/search?facet-author=%22Edwin+Winkel%22)… |
| [Long-term oral appliance therapy in obstructive sleep apnea syndrome: a controlled study on dental side effects](http://link.springer.com/article/10.1007/s00784-012-0737-x)  | 475 | [M. H. J. Doff](http://link.springer.com/search?facet-author=%22M.+H.+J.+Doff%22), [K. J. Finnema](http://link.springer.com/search?facet-author=%22K.+J.+Finnema%22), [A. Hoekema](http://link.springer.com/search?facet-author=%22A.+Hoekema%22), [P. J. Wijkstra](http://link.springer.com/search?facet-author=%22P.+J.+Wijkstra%22)… |
| [Oral health in patients on haemodialysis for diabetic nephropathy and chronic glomerulonephritis](http://link.springer.com/article/10.1007/s00784-012-0741-1)  | 483 | [Gou Teratani](http://link.springer.com/search?facet-author=%22Gou+Teratani%22), [Shuji Awano](http://link.springer.com/search?facet-author=%22Shuji+Awano%22), [Inho Soh](http://link.springer.com/search?facet-author=%22Inho+Soh%22), [Akihiro Yoshida](http://link.springer.com/search?facet-author=%22Akihiro+Yoshida%22)… |
| [Fully automatic CAD design of the occlusal morphology of partial crowns compared to dental technicians' design](http://link.springer.com/article/10.1007/s00784-012-0714-4)  | 491 | [Andreas P. Litzenburger](http://link.springer.com/search?facet-author=%22Andreas+P.+Litzenburger%22), [Reinhard Hickel](http://link.springer.com/search?facet-author=%22Reinhard+Hickel%22), [Maria J. Richter](http://link.springer.com/search?facet-author=%22Maria+J.+Richter%22)… |
| [Disinfection effect of dental impression tray adhesives](http://link.springer.com/article/10.1007/s00784-012-0735-z)  | 497 | [Tobias Bensel](http://link.springer.com/search?facet-author=%22Tobias+Bensel%22), [Rita Pollak](http://link.springer.com/search?facet-author=%22Rita+Pollak%22), [Michael Stimmelmayr](http://link.springer.com/search?facet-author=%22Michael+Stimmelmayr%22)… |
| [Wear behavior of different double-crown systems](http://link.springer.com/article/10.1007/s00784-012-0746-9)  | 503 | [Jörg Engels](http://link.springer.com/search?facet-author=%22J%C3%B6rg+Engels%22), [Oliver Schubert](http://link.springer.com/search?facet-author=%22Oliver+Schubert%22), [Jan-Frederik Güth](http://link.springer.com/search?facet-author=%22Jan-Frederik+G%C3%BCth%22)… |
| [Medial orbital wall reconstruction with flexible Ethisorb® patches](http://link.springer.com/article/10.1007/s00784-012-0716-2)  | 511 | [P. Pohlenz](http://link.springer.com/search?facet-author=%22P.+Pohlenz%22), [W. Adler](http://link.springer.com/search?facet-author=%22W.+Adler%22), [L. Li](http://link.springer.com/search?facet-author=%22L.+Li%22), [R. Schmelzle](http://link.springer.com/search?facet-author=%22R.+Schmelzle%22), [J. Klatt](http://link.springer.com/search?facet-author=%22J.+Klatt%22) |
| [Salivary level of interleukin-8 in oral precancer and oral squamous cell carcinoma](http://link.springer.com/article/10.1007/s00784-012-0723-3)  | 517 | [Silky Rajesh Punyani](http://link.springer.com/search?facet-author=%22Silky+Rajesh+Punyani%22), [Ramhari Shankarrao Sathawane](http://link.springer.com/search?facet-author=%22Ramhari+Shankarrao+Sathawane%22) |
| Efficacy and safety of intraseptal and periodontalligament anesthesia achieved by computer-controlledarticaine + epinephrine delivery: a dose-finding study | 525 | Vladimir Biocanin , Bozidar Brkovic , Biljana Milicic ,Dragica Stojic |
| Microcomputed tomography analysis of particular autogenousbone graft in sinus augmentation at 5 months: differenceson bone mineral density and 3D trabecular structure | 535 | Heng-Li Huang , Jui-Ting Hsu , Michael Y. C. Chen ,Cheng Liu , Ching-Han Chang , Yu-Fen Li ,Kuan-Ting Chen |
| The influence of bone substitute materials on the bone volumeafter maxillary sinus augmentation: a microcomputerizedtomography study | 543 | Sebastian Kühl , Christoph Brochhausen ,Hermann Götz , Andreas Filippi , Michael Payer ,Bernd d’Hoedt , Matthias Kreisler |
| The prevalence of root resorption of maxillary incisorscaused by impacted maxillary canines | 553 | Georg D. Strbac , Andrea Foltin , André Gahleitner ,Hans-Peter Bantleon , Georg Watzek ,Thomas Bernhart |
| Mandibular bone changes in 24 years and skeletalfracture prediction | 565 | G. Jonasson , V. Sundh , M. Hakeberg ,A. Hassani-Nejad , L. Lissner , M. Ahlqwist |
| Tissue expanders for soft tissue reconstruction in the headand neck area—requirements and limitations | 573 | Jörg Handschel , Stefanie Schultz , Rita A. Depprich ,Ralf Smeets , Christoph Sproll ,Michelle A. Ommerborn , Christian Naujoks ,Norbert R. Kübler , André Zimmermann |
| Prevalence of dental erosion in adolescent competitiveswimmers exposed to gas-chlorinated swimming pool water | 579 | J. Buczkowska-Radlińska , R. Łagocka ,W. Kaczmarek , M. Górski , A. Nowicka |
| Dental erosion prevalence and associated risk indicatorsamong preschool children in Athens, Greece | 585 | Magdalini Mantonanaki , Haroula Koletsi-Kounari ,Eleni Mamai-Homata , William Papaioannou |
| Impact of laminar flow velocity of different acids on enamelcalcium loss | 595 | T. Attin , K. Becker , A. Wiegand , T. T. Tauböck ,F. J. Wegehaupt |
| Repair of dental resin-based composites | 601 | Veronika Baur , Nicoleta Ilie |
| Shear bond strength of orthodontic brackets bondedwith a new self-adhering flowable resin composite | 609 | Cecilia Goracci , Mariam Margvelashvili ,Agostino Giovannetti , Alessandro Vichi , Marco Ferrari |
| Evaluation of a conventional glass ionomer cement with newzinc formulation: effect of coating, aging and storage agents | 619 | Julius Zoergiebel , Nicoleta Ilie |
| Effects of three restorative techniques in the bond strengthand nanoleakage at gingival wall of Class II restorationssubjected to simulated aging | 627 | Cristina de Mattos Pimenta Vidal , Sabrina Pavan ,André Luiz Fraga Briso , Ana Karina Bedran-Russo |
| Degree of conversion of nano-hybrid resin-based compositeswith novel and conventional matrix formulation | 635 | Karina E. Frauscher , Nicoleta Ilie |
| Influence of caries infiltrant contamination on shear bondstrength of different adhesives to dentin | 643 | Liuhe Jia , Bogna Stawarczyk , Patrick R. Schmidlin ,Thomas Attin , Annette Wiegand |
| Do edible oils reduce bacterial colonization of enamel in situ? | 649 | Christian Hannig , Jasmin Kirsch , Ali Al-Ahmad ,Anna Kensche , Matthias Hannig , Klaus Kümmerer |
| Relationship between plaque score and video-monitoredbrushing performance after repeatedinstruction—a controlled, randomised clinical trial | 659 | N. Schlueter , J. Klimek , C. Ganss |

**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.3 April 2013**

|  |  |  |
| --- | --- | --- |
| [Lipids in preventive dentistry](http://link.springer.com/article/10.1007/s00784-012-0835-9)  | 669 | [A. Kensche](http://link.springer.com/search?facet-author=%22A.+Kensche%22), [M. Reich](http://link.springer.com/search?facet-author=%22M.+Reich%22), [K. Kümmerer](http://link.springer.com/search?facet-author=%22K.+K%C3%BCmmerer%22), [M. Hannig](http://link.springer.com/search?facet-author=%22M.+Hannig%22), [C. Hannig](http://link.springer.com/search?facet-author=%22C.+Hannig%22) |
| [Brushing without brushing?—a review of the efficacy of powered toothbrushes in noncontact biofilm removal](http://link.springer.com/article/10.1007/s00784-012-0836-8)  | 687 | [Julia C. Schmidt](http://link.springer.com/search?facet-author=%22Julia+C.+Schmidt%22), [Christian Zaugg](http://link.springer.com/search?facet-author=%22Christian+Zaugg%22), [Roland Weiger](http://link.springer.com/search?facet-author=%22Roland+Weiger%22)… |
| [Efficacy of a moisture-tolerant material for fissure sealing: a prospective randomised clinical trial](http://link.springer.com/article/10.1007/s00784-012-0740-2)  | 711 | [N. Schlueter](http://link.springer.com/search?facet-author=%22N.+Schlueter%22), [J. Klimek](http://link.springer.com/search?facet-author=%22J.+Klimek%22), [C. Ganss](http://link.springer.com/search?facet-author=%22C.+Ganss%22) |
| [Bond strength of self-adhesive resin cements to different treated indirect composites](http://link.springer.com/article/10.1007/s00784-012-0752-y)  | 717 | [M. Victoria Fuentes](http://link.springer.com/search?facet-author=%22M.+Victoria+Fuentes%22), [Laura Ceballos](http://link.springer.com/search?facet-author=%22Laura+Ceballos%22) |
| [Visual acuity of dentists under simulated clinical conditions](http://link.springer.com/article/10.1007/s00784-012-0753-x)  | 725 | [Martina Eichenberger](http://link.springer.com/search?facet-author=%22Martina+Eichenberger%22), [Philippe Perrin](http://link.springer.com/search?facet-author=%22Philippe+Perrin%22), [Klaus W. Neuhaus](http://link.springer.com/search?facet-author=%22Klaus+W.+Neuhaus%22)… |
| [The arrangement of the interproximal interfaces in the human permanent dentition](http://link.springer.com/article/10.1007/s00784-012-0759-4)  | 731 | [Rachel Sarig](http://link.springer.com/search?facet-author=%22Rachel+Sarig%22), [Nikolaos V. Lianopoulos](http://link.springer.com/search?facet-author=%22Nikolaos+V.+Lianopoulos%22), [Israel Hershkovitz](http://link.springer.com/search?facet-author=%22Israel+Hershkovitz%22)… |
| [Four-year clinical evaluation of a self-adhesive luting agent for ceramic inlays](http://link.springer.com/article/10.1007/s00784-012-0762-9)  | 739 | [Marleen Peumans](http://link.springer.com/search?facet-author=%22Marleen+Peumans%22), [M. Voet](http://link.springer.com/search?facet-author=%22M.+Voet%22), [J. De Munck](http://link.springer.com/search?facet-author=%22J.+De+Munck%22), [K. Van Landuyt](http://link.springer.com/search?facet-author=%22K.+Van+Landuyt%22)… |
| [Bond strength of composite resin to glass ceramic after saliva contamination](http://link.springer.com/article/10.1007/s00784-012-0768-3)  | 751 | [Frank Nikolaus](http://link.springer.com/search?facet-author=%22Frank+Nikolaus%22), [Martin Wolkewitz](http://link.springer.com/search?facet-author=%22Martin+Wolkewitz%22), [Petra Hahn](http://link.springer.com/search?facet-author=%22Petra+Hahn%22) |
| [In vitro investigation of fluorescence of carious dentin observed with a Soprolife® camera](http://link.springer.com/article/10.1007/s00784-012-0770-9)  | 757 | [Ivan Panayotov](http://link.springer.com/search?facet-author=%22Ivan+Panayotov%22), [Elodie Terrer](http://link.springer.com/search?facet-author=%22Elodie+Terrer%22), [Hamideh Salehi](http://link.springer.com/search?facet-author=%22Hamideh+Salehi%22)… |
| [Laboratory evaluation of toothbrush/toothpaste abrasion resistance after smooth enamel surface sealing](http://link.springer.com/article/10.1007/s00784-012-0771-8)  | 765 | [Heike M. Korbmacher-Steiner](http://link.springer.com/search?facet-author=%22Heike+M.+Korbmacher-Steiner%22), [Arndt F. Schilling](http://link.springer.com/search?facet-author=%22Arndt+F.+Schilling%22)… |
| [Dentin tubule occlusion and erosion protection effects of dentifrice containing bioadhesive PVM/MA copolymers](http://link.springer.com/article/10.1007/s00784-012-0772-7)  | 775 | [Qin Wang](http://link.springer.com/search?facet-author=%22Qin+Wang%22), [Yang Kang](http://link.springer.com/search?facet-author=%22Yang+Kang%22), [Virginia Barnes](http://link.springer.com/search?facet-author=%22Virginia+Barnes%22), [William DeVizio](http://link.springer.com/search?facet-author=%22William+DeVizio%22)… |
| [Six months of high-dose xylitol in high-risk caries subjects—a 2-year randomised, clinical trial](http://link.springer.com/article/10.1007/s00784-012-0774-5)  | 785 | [Guglielmo Campus](http://link.springer.com/search?facet-author=%22Guglielmo+Campus%22), [Maria Grazia Cagetti](http://link.springer.com/search?facet-author=%22Maria+Grazia+Cagetti%22), [Silvana Sale](http://link.springer.com/search?facet-author=%22Silvana+Sale%22)… |
| [Postoperative tooth sensitivity with a new self-adhesive resin cement—a randomized clinical trial](http://link.springer.com/article/10.1007/s00784-012-0775-4)  | 793 | [Markus B. Blatz](http://link.springer.com/search?facet-author=%22Markus+B.+Blatz%22), [Francis K. Mante](http://link.springer.com/search?facet-author=%22Francis+K.+Mante%22), [Najeed Saleh](http://link.springer.com/search?facet-author=%22Najeed+Saleh%22)… |
| [Two-year clinical evaluation of composite resins in non-carious cervical lesions](http://link.springer.com/article/10.1007/s00784-012-0780-7)  | 799 | [Wei Qin](http://link.springer.com/search?facet-author=%22Wei+Qin%22), [Zhi Song](http://link.springer.com/search?facet-author=%22Zhi+Song%22), [Yun-Yao Ye](http://link.springer.com/search?facet-author=%22Yun-Yao+Ye%22), [Zheng-Mei Lin](http://link.springer.com/search?facet-author=%22Zheng-Mei+Lin%22) |
| [Influence of a mouthwash containing hydroxyapatite microclusters on bacterial adherence in situ](http://link.springer.com/article/10.1007/s00784-012-0781-6)  | 805 | [C. Hannig](http://link.springer.com/search?facet-author=%22C.+Hannig%22), [S. Basche](http://link.springer.com/search?facet-author=%22S.+Basche%22), [T. Burghardt](http://link.springer.com/search?facet-author=%22T.+Burghardt%22), [A. Al-Ahmad](http://link.springer.com/search?facet-author=%22A.+Al-Ahmad%22), [M. Hannig](http://link.springer.com/search?facet-author=%22M.+Hannig%22) |
| [Brushing force of manual and sonic toothbrushes affects dental hard tissue abrasion](http://link.springer.com/article/10.1007/s00784-012-0788-z)  | 815 | [Annette Wiegand](http://link.springer.com/search?facet-author=%22Annette+Wiegand%22), [John Patrik Matthias Burkhard](http://link.springer.com/search?facet-author=%22John+Patrik+Matthias+Burkhard%22)… |
| [Clinical longevity of ceramic laminate veneers bonded to teeth with and without existing composite restorations up to 40 months](http://link.springer.com/article/10.1007/s00784-012-0790-5)  | 823 | [Marco M. M. Gresnigt](http://link.springer.com/search?facet-author=%22Marco+M.+M.+Gresnigt%22), [Warner Kalk](http://link.springer.com/search?facet-author=%22Warner+Kalk%22), [Mutlu Özcan](http://link.springer.com/search?facet-author=%22Mutlu+%C3%96zcan%22) |
| [Effects of long-term water storage on the microtensile bond strength of five experimental self-etching adhesives based on surfactants rather than HEMA](http://link.springer.com/article/10.1007/s00784-012-0791-4)  | 833 | [Cesar Henrique Zanchi](http://link.springer.com/search?facet-author=%22Cesar+Henrique+Zanchi%22), [Eliseu Aldrighi Münchow](http://link.springer.com/search?facet-author=%22Eliseu+Aldrighi+M%C3%BCnchow%22)… |
| [Comparison of different live/dead stainings for detection and quantification of adherent microorganisms in the initial oral biofilm](http://link.springer.com/article/10.1007/s00784-012-0792-3)  | 841 | [P. N. Tawakoli](http://link.springer.com/search?facet-author=%22P.+N.+Tawakoli%22), [A. Al-Ahmad](http://link.springer.com/search?facet-author=%22A.+Al-Ahmad%22), [W. Hoth-Hannig](http://link.springer.com/search?facet-author=%22W.+Hoth-Hannig%22), [M. Hannig](http://link.springer.com/search?facet-author=%22M.+Hannig%22)… |
| [Comparison of biogenerically reconstructed and waxed-up complete occlusal surfaces with respect to the original tooth morphology](http://link.springer.com/article/10.1007/s00784-012-0749-6)  | 851 | [Maximilian Kollmuss](http://link.springer.com/search?facet-author=%22Maximilian+Kollmuss%22), [Franz-Michael Jakob](http://link.springer.com/search?facet-author=%22Franz-Michael+Jakob%22)… |
| An observational cohort study on shortened dental arches— clinical course during a period of 27–35 years | 859 | Anneloes E. Gerritsen , Dick J. Witter ,Ewald M. Bronkhorst , Nico H. J. Creugers |
| Changes in oro-facial function and hand-grip strength during a 2-year observation period after stroke | 867 | Martin Schimmel , Beatrice Leemann ,Armin Schnider , François R. Herrmann ,Stavros Kiliaridis , Frauke Müller |
| The randomized shortened dental arch study: tooth loss over five years | 877 | M. H. Walter ,W. Hannak , M. Kern , T. Mundt , W. Gernet , A. Weber , B. Wöstmann , H. Stark ,D. Werner , S. Hartmann , U. Range , F. Jahn ,N. Passia , P. Pospiech , G. Mitov , J.Brückner , S. Wolfart , E. Busche , R. G. Luthardt , G. Heydecke , B. Marré |
| Histological changes and changes in the myosin mRNAcontent of the porcine masticatory muscles after massetertreatment with botulinum toxin A | 887 | T. Gedrange , T. Gredes , A. Spassov , R. Mai ,D. U. Kuhn , M. Dominiak , C. Kunert-Keil |
| Histological evaluation of bone healing using organic bovinebone in combination with platelet-rich plasma (an experimental study on rabbits) | 897 | Marwa Q. Kurikchy & Natheer H. Al-Rawi & Rafah S. Ayoub & Shatha S. Mohammed |
| Characterisation of bone following ultrasonic cutting | 905 | Sunil Claire , Simon C. Lea , A. Damien Walmsley |
| Postoperative failure of platelet recovery is an independentrisk factor for poor survival in patients with oral and oropharyngeal cancer | 913 | Christos Perisanidis , Martina Mittlböck ,Alexandra Schoppmann , Gabriela Kornek ,Patrick Starlinger , Anton Stift , Edgar Selzer ,Christian Schopper , Rolf Ewers |
| Overexpression of Smad proteins, especially Smad7, in oral epithelial dysplasias | 921 | Yuk-Kwan Chen , Anderson Hsien-Cheng Huang ,Pei-Hsun Cheng , Shang-Hsun Yang , Li-Min Lin |
| Transconjunctival versus subciliary approach for orbitalfracture repair—an anthropometric evaluation of 221 cases | 933 | Gregor F. Raschke , Ulrich M. Rieger , Rolf-Dieter Bader ,Oliver Schaefer , Arndt Guentsch , Stefan Schultze-Mosgau |
| A retrospective study on the influence of maxillary canineimpaction on premolar root morphology | 943 | Kristina Bertl , Gertrud Benkö , Michael H. Bertl , Matthäus Breu , André Gahleitner , Christian Ulm |
| Prognostic value of histamine H1 receptor expression in oralsquamous cell carcinoma | 949 | Martin Grimm , Michael Krimmel ,Dorothea Alexander , Adelheid Munz , Susanne Kluba ,Constanze Keutel , Juergen Hoffmann , Joachim Polligkeit , Siegmar Reinert , Sebastian Hoefert |
| Oral candidosis in lichen planus: the diagnostic approachis of major therapeutic importance | 957 | C. Kragelund , L. Kieffer-Kristensen , J. Reibel , E. P. Bennett |
| Relationship between oral health, diabetes managementand sleep apnea | 967 | Ayse Basak Cinar , Inci Oktay , Lone Schou |
| Levels of salivary IgA in patients with minor recurrent aphthousstomatitis: a matched case–control study | 975 | Rashad Mohammad , Esam Halboub ,Ammar Mashlah , Hussein Abou-Hamed |
| Osteoblast proliferation and differentiation on a barriermembrane in combination with BMP2 and TGFβ1 | 981 | Richard J. Miron , Nikola Saulacic , Daniel Buser , Tateyuki Iizuka , Anton Sculean |
| Potential role of high mobility group box protein 1and intermittent PTH (1–34) in periodontal tissue repairfollowing orthodontic tooth movement in rats | 989 | M. Wolf , S. Lossdörfer , N. Abuduwali , A. Jäger |
| A micro-computed tomography study of the root canalmorphology of the mandibular first premolar in a populationfrom southwestern China | 999 | Na Liu , Xiangjie Li , Ning Liu , Lijun Ye , Jianping An , Xin Nie , Luchuan Liu , Manjing Deng |
| Characteristics of novel root-end filling material using epoxyresin and Portland cement | 1009 | Sang-Jin Lee , Jin Chung , Hee-Sam Na ,Eun-Joo Park , Hyo-Jin Jeon , Hyeon-Cheol Kim |
| Analytical and experimental position stability of the abutmentin different dental implant systems with a conicalimplant–abutment connection | 1017 | Wiebke Semper-Hogg , Silvan Kraft , Sebastian Stiller ,Juergen Mehrhof , Katja Nelson |
| Reliability of shade selection using an intraoral spectrophotometer:common mistakes in reliability analysis | 1025 | S. Sabour , M. Moezizadeh , E. Vahid Dastjerdi |
| Responding to manuscript CLOI-D-10-00562: Reliabilityof shade selection using an intraoral spectrophotometer | 1027 | Siegbert Witkowski , Nao-Daniel Yajima ,Martin Wolkewitz , Jorg R. Strub |
| Poster abstracts of the 6th biennial meeting of the EuropeanFederation of Conservative Dentistry (EFCD) held in associationwith the 33th national congress of the College National desEnseignants en Odontologie Conservatrice (CNEOC), France,9–11 May 2013, Paris, France | 1029 |  |

**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.4 May 2013**

|  |  |  |
| --- | --- | --- |
| [Photodynamic therapy in dentistry: a literature review](http://link.springer.com/article/10.1007/s00784-012-0845-7)  | 1113 | [Hare Gursoy](http://link.springer.com/search?facet-author=%22Hare+Gursoy%22), [Ceyda Ozcakir-Tomruk](http://link.springer.com/search?facet-author=%22Ceyda+Ozcakir-Tomruk%22), [Jale Tanalp](http://link.springer.com/search?facet-author=%22Jale+Tanalp%22)… |
| [Changes in mastication after an immediate loading implantation with complete fixed rehabilitation](http://link.springer.com/article/10.1007/s00784-012-0787-0)  | 1127 | [J. L. Veyrune](http://link.springer.com/search?facet-author=%22J.+L.+Veyrune%22), [S. Opé](http://link.springer.com/search?facet-author=%22S.+Op%C3%A9%22), [E. Nicolas](http://link.springer.com/search?facet-author=%22E.+Nicolas%22), [A. Woda](http://link.springer.com/search?facet-author=%22A.+Woda%22), [M. Hennequin](http://link.springer.com/search?facet-author=%22M.+Hennequin%22) |
| [Analysis of the intraimplant microflora of two-piece dental implants](http://link.springer.com/article/10.1007/s00784-012-0805-2)  | 1135 | [Sönke Harder](http://link.springer.com/search?facet-author=%22S%C3%B6nke+Harder%22), [Rainer Podschun](http://link.springer.com/search?facet-author=%22Rainer+Podschun%22), [Livia Grancicova](http://link.springer.com/search?facet-author=%22Livia+Grancicova%22)… |
| [Effectiveness of supervised implementation of an oral health care guideline in care homes; a single-blinded cluster randomized controlled trial](http://link.springer.com/article/10.1007/s00784-012-0793-2)  | 1143 | [Gert-Jan van der Putten](http://link.springer.com/search?facet-author=%22Gert-Jan+van+der+Putten%22), [Jan Mulder](http://link.springer.com/search?facet-author=%22Jan+Mulder%22), [Cees de Baat](http://link.springer.com/search?facet-author=%22Cees+de+Baat%22)… |
| [Color stability of white mineral trioxide aggregate](http://link.springer.com/article/10.1007/s00784-012-0794-1)  | 1155 | [Marta Vallés](http://link.springer.com/search?facet-author=%22Marta+Vall%C3%A9s%22), [Montserrat Mercadé](http://link.springer.com/search?facet-author=%22Montserrat+Mercad%C3%A9%22), [Fernando Duran-Sindreu](http://link.springer.com/search?facet-author=%22Fernando+Duran-Sindreu%22)… |
| [The repeatability of digital shade measurement—a clinical study](http://link.springer.com/article/10.1007/s00784-012-0796-z) | 1161 | [Constanze Olms](http://link.springer.com/search?facet-author=%22Constanze+Olms%22), [Jürgen M. Setz](http://link.springer.com/search?facet-author=%22J%C3%BCrgen+M.+Setz%22) |
| [Radiopacity of dental restorative materials](http://link.springer.com/article/10.1007/s00784-012-0797-y)  | 1167 | [Tomaž Hitij](http://link.springer.com/search?facet-author=%22Toma%C5%BE+Hitij%22), [Aleš Fidler](http://link.springer.com/search?facet-author=%22Ale%C5%A1+Fidler%22) |
| [Factors determining the retentiveness of luting agents used with metal- and ceramic-based implant components](http://link.springer.com/article/10.1007/s00784-012-0798-x)  | 1179 | [Cornelia Schiessl](http://link.springer.com/search?facet-author=%22Cornelia+Schiessl%22), [Lina Schaefer](http://link.springer.com/search?facet-author=%22Lina+Schaefer%22), [Christian Winter](http://link.springer.com/search?facet-author=%22Christian+Winter%22)… |
| [Impact of depressive symptoms on prosthetic status—results of the study of health in Pomerania (SHIP)](http://link.springer.com/article/10.1007/s00784-012-0806-1)  | 1191 | [Stefanie A. Samietz](http://link.springer.com/search?facet-author=%22Stefanie+A.+Samietz%22), [Stefan Kindler](http://link.springer.com/search?facet-author=%22Stefan+Kindler%22), [Christian Schwahn](http://link.springer.com/search?facet-author=%22Christian+Schwahn%22)… |
| [Accuracy of digital models obtained by direct and indirect data capturing](http://link.springer.com/article/10.1007/s00784-012-0795-0)  | 1201 | [Jan-Frederik Güth](http://link.springer.com/search?facet-author=%22Jan-Frederik+G%C3%BCth%22), [Christine Keul](http://link.springer.com/search?facet-author=%22Christine+Keul%22), [Michael Stimmelmayr](http://link.springer.com/search?facet-author=%22Michael+Stimmelmayr%22)… |
| [Biofilm formation on stainless steel and gold wires for bonded retainers in vitro and in vivo and their susceptibility to oral antimicrobials](http://link.springer.com/article/10.1007/s00784-012-0807-0)  | 1209 | [Marije A. Jongsma](http://link.springer.com/search?facet-author=%22Marije+A.+Jongsma%22), [Floris D. H. Pelser](http://link.springer.com/search?facet-author=%22Floris+D.+H.+Pelser%22)… |
| [Non-surgical periodontal therapy influences salivary melatonin levels](http://link.springer.com/article/10.1007/s00784-012-0801-6)  | 1219 | [Kristina Bertl](http://link.springer.com/search?facet-author=%22Kristina+Bertl%22), [Angelika Schoiber](http://link.springer.com/search?facet-author=%22Angelika+Schoiber%22), [Hady Haririan](http://link.springer.com/search?facet-author=%22Hady+Haririan%22)… |
| [Mapping cavitation activity around dental ultrasonic tips](http://link.springer.com/article/10.1007/s00784-012-0802-5)  | 1227 | [A. Damien Walmsley](http://link.springer.com/search?facet-author=%22A.+Damien+Walmsley%22), [Simon C. Lea](http://link.springer.com/search?facet-author=%22Simon+C.+Lea%22), [Bernhard Felver](http://link.springer.com/search?facet-author=%22Bernhard+Felver%22)… |
| [Influence of IL-6 haplotypes on clinical and inflammatory response in aggressive periodontitis](http://link.springer.com/article/10.1007/s00784-012-0804-3)  | 1235 | [L. Nibali](http://link.springer.com/search?facet-author=%22L.+Nibali%22), [G. Pelekos](http://link.springer.com/search?facet-author=%22G.+Pelekos%22), [F. D’Aiuto](http://link.springer.com/search?facet-author=%22F.+D%E2%80%99Aiuto%22), [N. Chaudhary](http://link.springer.com/search?facet-author=%22N.+Chaudhary%22), [R. Habeeb](http://link.springer.com/search?facet-author=%22R.+Habeeb%22)… |
| [Disk and joint morphology variations on coronal and sagittal MRI in temporomandibular joint disorders](http://link.springer.com/article/10.1007/s00784-012-0803-4)  | 1243 | [Oana C. Almăşan](http://link.springer.com/search?facet-author=%22Oana+C.+Alm%C4%83%C5%9Fan%22), [Mihaela Hedeşiu](http://link.springer.com/search?facet-author=%22Mihaela+Hede%C5%9Fiu%22), [Grigore Băciuţ](http://link.springer.com/search?facet-author=%22Grigore+B%C4%83ciu%C5%A3%22)… |
| [Cys–X–Cys ligand 9 might be an immunological factor in the pathogenesis of oral submucous fibrosis and its concomitant oral lichenoid lesion](http://link.springer.com/article/10.1007/s00784-012-0799-9)  | 1251 | [Ning Li](http://link.springer.com/search?facet-author=%22Ning+Li%22), [Qiong Hu](http://link.springer.com/search?facet-author=%22Qiong+Hu%22), [Canhua Jiang](http://link.springer.com/search?facet-author=%22Canhua+Jiang%22), [Feng Guo](http://link.springer.com/search?facet-author=%22Feng+Guo%22), [Krishna Munnee](http://link.springer.com/search?facet-author=%22Krishna+Munnee%22)… |
| [Oral mucosa produces cytokines and factors influencing osteoclast activity and endothelial cell proliferation, in patients with osteonecrosis of jaw after treatment with zoledronic acid](http://link.springer.com/article/10.1007/s00784-012-0800-7)  | 1259 | [Marco Mozzati](http://link.springer.com/search?facet-author=%22Marco+Mozzati%22), [Germana Martinasso](http://link.springer.com/search?facet-author=%22Germana+Martinasso%22), [Marina Maggiora](http://link.springer.com/search?facet-author=%22Marina+Maggiora%22)… |
| [Texture analysis of computed tomographic images in osteoporotic patients with sinus lift bone graft reconstruction](http://link.springer.com/article/10.1007/s00784-012-0808-z)  | 1267 | [Hélène Marchand-Libouban](http://link.springer.com/search?facet-author=%22H%C3%A9l%C3%A8ne+Marchand-Libouban%22), [Bernard Guillaume](http://link.springer.com/search?facet-author=%22Bernard+Guillaume%22)… |
| [In vivo hemostatic efficacy of polyurethane foam compared to collagen and gelatin](http://link.springer.com/article/10.1007/s00784-012-0809-y)  | 1273 | [Ferdinand I. Broekema](http://link.springer.com/search?facet-author=%22Ferdinand+I.+Broekema%22), [Wim van Oeveren](http://link.springer.com/search?facet-author=%22Wim+van+Oeveren%22), [Maaike H. A. Selten](http://link.springer.com/search?facet-author=%22Maaike+H.+A.+Selten%22)… |
| [*Porphyromonas gingivalis* LPS stimulation downregulates DNMT1, DNMT3a, and JMJD3 gene expression levels in human HaCaT keratinocytes](http://link.springer.com/article/10.1007/s00784-012-0816-z)  | 1279 | [Gláucia de Camargo Pereira](http://link.springer.com/search?facet-author=%22Gl%C3%A1ucia+de+Camargo+Pereira%22), [Gustavo Narvaes Guimarães](http://link.springer.com/search?facet-author=%22Gustavo+Narvaes+Guimar%C3%A3es%22)… |

**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.5 June 2013**

|  |  |  |
| --- | --- | --- |
| [A flood tide of systematic reviews on endodontic posts: methodological assessment using of R-AMSTAR](http://link.springer.com/article/10.1007/s00784-013-0945-z)  | 1287 | [M. Schmitter](http://link.springer.com/search?facet-author=%22M.+Schmitter%22), [G. Sterzenbach](http://link.springer.com/search?facet-author=%22G.+Sterzenbach%22), [C. M. Faggion Jr.](http://link.springer.com/search?facet-author=%22C.+M.+Faggion+Jr.%22), [G. Krastl](http://link.springer.com/search?facet-author=%22G.+Krastl%22) |
| [Effects of open mouth and rubber dam on upper airway patency and breathing](http://link.springer.com/article/10.1007/s00784-012-0810-5)  | 1295 | [Kazuhiro Iwatani](http://link.springer.com/search?facet-author=%22Kazuhiro+Iwatani%22), [Koichiro Matsuo](http://link.springer.com/search?facet-author=%22Koichiro+Matsuo%22), [Soichiro Kawase](http://link.springer.com/search?facet-author=%22Soichiro+Kawase%22)… |
| [Sweets consumption of preschool children—extent, context, and consumption patterns](http://link.springer.com/article/10.1007/s00784-012-0813-2)  | 1301 | [Sven Schneider](http://link.springer.com/search?facet-author=%22Sven+Schneider%22), [Moran Jerusalem](http://link.springer.com/search?facet-author=%22Moran+Jerusalem%22), [Johannes Mente](http://link.springer.com/search?facet-author=%22Johannes+Mente%22)… |
| [Complications and survival rates of teeth after dental trauma over a 5-year period](http://link.springer.com/article/10.1007/s00784-012-0817-y)  | 1311 | [Katharina Bücher](http://link.springer.com/search?facet-author=%22Katharina+B%C3%BCcher%22), [Claudia Neumann](http://link.springer.com/search?facet-author=%22Claudia+Neumann%22), [Elisabeth Thiering](http://link.springer.com/search?facet-author=%22Elisabeth+Thiering%22)… |
| [Assessment of genotoxic effect of maleic acid and EDTA: a comparative in vitro experimental study](http://link.springer.com/article/10.1007/s00784-012-0818-x)  | 1319 | [Nidambur Vasudev Ballal](http://link.springer.com/search?facet-author=%22Nidambur+Vasudev+Ballal%22), [Bhuvanagiri Nageshwar Rao](http://link.springer.com/search?facet-author=%22Bhuvanagiri+Nageshwar+Rao%22)… |
| [Is there a relationship between hyperactivity/inattention symptoms and poor oral health? Results from the GINIplus and LISAplus study](http://link.springer.com/article/10.1007/s00784-012-0829-7)  | 1329 | [Gabriele Kohlboeck](http://link.springer.com/search?facet-author=%22Gabriele+Kohlboeck%22), [Daniela Heitmueller](http://link.springer.com/search?facet-author=%22Daniela+Heitmueller%22), [Claudia Neumann](http://link.springer.com/search?facet-author=%22Claudia+Neumann%22)… |
| [Effect of polymerisation and ageing on the incremental bond strength of ormocer-based dental materials](http://link.springer.com/article/10.1007/s00784-012-0831-0)  | 1339 | [Daniel Awad](http://link.springer.com/search?facet-author=%22Daniel+Awad%22), [Nicoleta Ilie](http://link.springer.com/search?facet-author=%22Nicoleta+Ilie%22) |
| [Proliferation and osteogenic differentiation of osteoblast-like cells obtained from two techniques for harvesting intraoral bone grafts](http://link.springer.com/article/10.1007/s00784-012-0811-4)  | 1349 | [Francisco Javier Manzano-Moreno](http://link.springer.com/search?facet-author=%22Francisco+Javier+Manzano-Moreno%22)… |
| [Oral cancer in Taiwan: is diabetes a risk factor?](http://link.springer.com/article/10.1007/s00784-012-0820-3)  | 1357 | [Chin-Hsiao Tseng](http://link.springer.com/search?facet-author=%22Chin-Hsiao+Tseng%22) |
| [Inflammatory cells of immunosuppressive phenotypes in oral lichen planus have a proinflammatory pattern of expression and are associated with clinical parameters](http://link.springer.com/article/10.1007/s00784-012-0814-1)  | 1365 | [Marilena Vered](http://link.springer.com/search?facet-author=%22Marilena+Vered%22), [Eran Fürth](http://link.springer.com/search?facet-author=%22Eran+F%C3%BCrth%22), [Yifat Shalev](http://link.springer.com/search?facet-author=%22Yifat+Shalev%22), [Dan Dayan](http://link.springer.com/search?facet-author=%22Dan+Dayan%22) |
| [Vasodilator isoxsuprine alleviates symptoms of oral submucous fibrosis](http://link.springer.com/article/10.1007/s00784-012-0824-z)  | 1375 | [Chetan J. Bhadage](http://link.springer.com/search?facet-author=%22Chetan+J.+Bhadage%22), [Hemant R. Umarji](http://link.springer.com/search?facet-author=%22Hemant+R.+Umarji%22), [Karan Shah](http://link.springer.com/search?facet-author=%22Karan+Shah%22)… |
| [Random plasma glucose values measured in community dental practices: findings from The Dental Practice-Based Research Network](http://link.springer.com/article/10.1007/s00784-012-0825-y)  | 1383 | [Andrei Barasch](http://link.springer.com/search?facet-author=%22Andrei+Barasch%22), [Gregg H. Gilbert](http://link.springer.com/search?facet-author=%22Gregg+H.+Gilbert%22), [Noel Spurlock](http://link.springer.com/search?facet-author=%22Noel+Spurlock%22)… |
| [Computer-aided evaluation of preparations for CAD/CAM-fabricated all-ceramic crowns](http://link.springer.com/article/10.1007/s00784-012-0812-3)  | 1389 | [Jan-Frederik Güth](http://link.springer.com/search?facet-author=%22Jan-Frederik+G%C3%BCth%22), [Jan Wallbach](http://link.springer.com/search?facet-author=%22Jan+Wallbach%22), [Michael Stimmelmayr](http://link.springer.com/search?facet-author=%22Michael+Stimmelmayr%22)… |
| [Randomized controlled clinical trial on the three-dimensional accuracy of fast-set impression materials](http://link.springer.com/article/10.1007/s00784-012-0823-0)  | 1397 | [Heike Rudolph](http://link.springer.com/search?facet-author=%22Heike+Rudolph%22), [Sebastian Quaas](http://link.springer.com/search?facet-author=%22Sebastian+Quaas%22), [Manuela Haim](http://link.springer.com/search?facet-author=%22Manuela+Haim%22), [Jörg Preißler](http://link.springer.com/search?facet-author=%22J%C3%B6rg+Prei%C3%9Fler%22)… |
| [Monolithic and bi-layer CAD/CAM lithium–disilicate versus metal–ceramic fixed dental prostheses: Comparison of fracture loads and failure modes after fatigue](http://link.springer.com/article/10.1007/s00784-012-0830-1)  | 1407 | [Stefan Schultheis](http://link.springer.com/search?facet-author=%22Stefan+Schultheis%22), [Joerg R. Strub](http://link.springer.com/search?facet-author=%22Joerg+R.+Strub%22), [Thomas A. Gerds](http://link.springer.com/search?facet-author=%22Thomas+A.+Gerds%22)… |
| [Soft tissue outcome after mandibular advancement—an anthropometric evaluation of 171 consecutive patients](http://link.springer.com/article/10.1007/s00784-012-0821-2)  | 1415 | [Gregor F. Raschke](http://link.springer.com/search?facet-author=%22Gregor+F.+Raschke%22), [Ulrich M. Rieger](http://link.springer.com/search?facet-author=%22Ulrich+M.+Rieger%22), [Rolf-Dieter Bader](http://link.springer.com/search?facet-author=%22Rolf-Dieter+Bader%22)… |
| [Chewing ability in an urban and rural population over 40 years in Shandong Province, China](http://link.springer.com/article/10.1007/s00784-012-0822-1)  | 1425 | [Qian Zhang](http://link.springer.com/search?facet-author=%22Qian+Zhang%22), [Dick J. Witter](http://link.springer.com/search?facet-author=%22Dick+J.+Witter%22), [Ewald M. Bronkhorst](http://link.springer.com/search?facet-author=%22Ewald+M.+Bronkhorst%22)… |
| [Three-dimensional analysis of tooth dimensions in the *MSX1*-missense mutation](http://link.springer.com/article/10.1007/s00784-012-0828-8)  | 1437 | [Marijn Créton](http://link.springer.com/search?facet-author=%22Marijn+Cr%C3%A9ton%22), [Marie-José van den Boogaard](http://link.springer.com/search?facet-author=%22Marie-Jos%C3%A9+van+den+Boogaard%22), [Thomas Maal](http://link.springer.com/search?facet-author=%22Thomas+Maal%22)… |
| [Metal–ceramic-fixed dental prosthesis with CAD/CAM-fabricated substructures: 6-year clinical results](http://link.springer.com/article/10.1007/s00784-012-0851-9)  | 1447 | [Jeremias Hey](http://link.springer.com/search?facet-author=%22Jeremias+Hey%22), [Florian Beuer](http://link.springer.com/search?facet-author=%22Florian+Beuer%22), [Tobias Bensel](http://link.springer.com/search?facet-author=%22Tobias+Bensel%22)… |

**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.6 July 2013**

|  |  |  |
| --- | --- | --- |
| [The potential association between gingival crevicular fluid inflammatory mediators and adverse pregnancy outcomes: a systematic review](http://link.springer.com/article/10.1007/s00784-013-0952-0)  | 1453 | [Pascale Stadelmann](http://link.springer.com/search?facet-author=%22Pascale+Stadelmann%22), [Regina Alessandri](http://link.springer.com/search?facet-author=%22Regina+Alessandri%22), [Sigrun Eick](http://link.springer.com/search?facet-author=%22Sigrun+Eick%22)… |
| [Fermentation of sugars and sugar alcohols by plaque *Lactobacillus* strains](http://link.springer.com/article/10.1007/s00784-012-0832-z)  | 1465 | [Annica Almståhl](http://link.springer.com/search?facet-author=%22Annica+Almst%C3%A5hl%22), [Peter Lingström](http://link.springer.com/search?facet-author=%22Peter+Lingstr%C3%B6m%22), [Lars Eliasson](http://link.springer.com/search?facet-author=%22Lars+Eliasson%22)… |
| [Functional dental status and oral health-related quality of life in an over 40 years old Chinese population](http://link.springer.com/article/10.1007/s00784-012-0834-x)  | 1471 | [Qian Zhang](http://link.springer.com/search?facet-author=%22Qian+Zhang%22), [Dick J. Witter](http://link.springer.com/search?facet-author=%22Dick+J.+Witter%22), [Anneloes E. Gerritsen](http://link.springer.com/search?facet-author=%22Anneloes+E.+Gerritsen%22)… |
| [Color stability of siloranes versus methacrylate-based composites after immersion in staining solutions](http://link.springer.com/article/10.1007/s00784-012-0837-7)  | 1481 | [Mariana A. Arocha](http://link.springer.com/search?facet-author=%22Mariana+A.+Arocha%22), [Juan R. Mayoral](http://link.springer.com/search?facet-author=%22Juan+R.+Mayoral%22), [Dorien Lefever](http://link.springer.com/search?facet-author=%22Dorien+Lefever%22)… |
| [Cytotoxicity test of dentin bonding agents using millipore filters as dentin substitutes in a dentin barrier test](http://link.springer.com/article/10.1007/s00784-012-0840-z)  | 1489 | [Mi-joo Kim](http://link.springer.com/search?facet-author=%22Mi-joo+Kim%22), [Kyoung-nam Kim](http://link.springer.com/search?facet-author=%22Kyoung-nam+Kim%22), [Yong-keun Lee](http://link.springer.com/search?facet-author=%22Yong-keun+Lee%22), [Kwang-mahn Kim](http://link.springer.com/search?facet-author=%22Kwang-mahn+Kim%22) |
| [Bonding and sealing ability of a new self-adhering flowable composite resin in class I restorations](http://link.springer.com/article/10.1007/s00784-012-0846-6)  | 1497 | [Alessandro Vichi](http://link.springer.com/search?facet-author=%22Alessandro+Vichi%22), [Mariam Margvelashvili](http://link.springer.com/search?facet-author=%22Mariam+Margvelashvili%22), [Cecilia Goracci](http://link.springer.com/search?facet-author=%22Cecilia+Goracci%22)… |
| [Detection of artificial demineralization bordering different types of laminate veneers using visual inspection and storage phosphor radiography](http://link.springer.com/article/10.1007/s00784-012-0847-5)  | 1507 | [Erhan Çömlekoğlu](http://link.springer.com/search?facet-author=%22Erhan+%C3%87%C3%B6mleko%C4%9Flu%22), [Erinç Önem](http://link.springer.com/search?facet-author=%22Erin%C3%A7+%C3%96nem%22), [Mine Dündar Çömlekoğlu](http://link.springer.com/search?facet-author=%22Mine+D%C3%BCndar+%C3%87%C3%B6mleko%C4%9Flu%22)… |
| [Association of dental caries and weight status in 6- to 7-year-old Filipino children](http://link.springer.com/article/10.1007/s00784-012-0849-3)  | 1515 | [Roswitha Heinrich-Weltzien](http://link.springer.com/search?facet-author=%22Roswitha+Heinrich-Weltzien%22), [Bella Monse](http://link.springer.com/search?facet-author=%22Bella+Monse%22), [Habib Benzian](http://link.springer.com/search?facet-author=%22Habib+Benzian%22)… |
| [Validation and spectrophotometric analysis of crown discoloration induced by root canal sealers](http://link.springer.com/article/10.1007/s00784-012-0850-x)  | 1525 | [Konstantinos Ioannidis](http://link.springer.com/search?facet-author=%22Konstantinos+Ioannidis%22), [Panagiotis Beltes](http://link.springer.com/search?facet-author=%22Panagiotis+Beltes%22)… |
| [Three-rooted premolar analyzed by high-resolution and cone beam CT](http://link.springer.com/article/10.1007/s00784-012-0839-5)  | 1535 | [Caroline Marca](http://link.springer.com/search?facet-author=%22Caroline+Marca%22), [Paul M. H. Dummer](http://link.springer.com/search?facet-author=%22Paul+M.+H.+Dummer%22), [Susan Bryant](http://link.springer.com/search?facet-author=%22Susan+Bryant%22)… |
| [A micro-computed tomography study of canal configuration of multiple-canalled mesiobuccal root of maxillary first molar](http://link.springer.com/article/10.1007/s00784-012-0852-8)  | 1541 | [Yeun Kim](http://link.springer.com/search?facet-author=%22Yeun+Kim%22), [Seok-Woo Chang](http://link.springer.com/search?facet-author=%22Seok-Woo+Chang%22), [Jong-Ki Lee](http://link.springer.com/search?facet-author=%22Jong-Ki+Lee%22), [I-Ping Chen](http://link.springer.com/search?facet-author=%22I-Ping+Chen%22)… |
| [A novel three-dimensional bone chip organ culture](http://link.springer.com/article/10.1007/s00784-012-0833-y)  | 1547 | [Johannes Kuttenberger](http://link.springer.com/search?facet-author=%22Johannes+Kuttenberger%22), [Elzbieta Polska](http://link.springer.com/search?facet-author=%22Elzbieta+Polska%22), [Birgit M. Schaefer](http://link.springer.com/search?facet-author=%22Birgit+M.+Schaefer%22) |
| [Effects of early bilateral mandibular first molar extraction on condylar and ramal vertical asymmetry](http://link.springer.com/article/10.1007/s00784-012-0843-9)  | 1557 | [Koray Halicioglu](http://link.springer.com/search?facet-author=%22Koray+Halicioglu%22), [Mevlut Celikoglu](http://link.springer.com/search?facet-author=%22Mevlut+Celikoglu%22), [Murat Caglaroglu](http://link.springer.com/search?facet-author=%22Murat+Caglaroglu%22)… |
| [Ontogenetic changes of craniofacial complex in Turner syndrome patients treated with growth hormone](http://link.springer.com/article/10.1007/s00784-012-0844-8)  | 1563 | [Jovana Juloski](http://link.springer.com/search?facet-author=%22Jovana+Juloski%22), [Branislav Glisic](http://link.springer.com/search?facet-author=%22Branislav+Glisic%22), [Ivana Scepan](http://link.springer.com/search?facet-author=%22Ivana+Scepan%22)… |
| [Early postoperative healing following buccal *single flap approach* to access intraosseous periodontal defects](http://link.springer.com/article/10.1007/s00784-012-0838-6)  | 1573 | [Roberto Farina](http://link.springer.com/search?facet-author=%22Roberto+Farina%22), [Anna Simonelli](http://link.springer.com/search?facet-author=%22Anna+Simonelli%22), [Alessandro Rizzi](http://link.springer.com/search?facet-author=%22Alessandro+Rizzi%22)… |
| [Wound healing of dehiscence defects following different root conditioning modalities: an experimental study in dogs](http://link.springer.com/article/10.1007/s00784-012-0848-4)  | 1585 | [Daniela Leal Zandim](http://link.springer.com/search?facet-author=%22Daniela+Leal+Zandim%22), [Fábio Renato Manzolli Leite](http://link.springer.com/search?facet-author=%22F%C3%A1bio+Renato+Manzolli+Leite%22)… |
| [Pulpal and periodontal diseases increase triglyceride levels in diabetic rats](http://link.springer.com/article/10.1007/s00784-012-0853-7)  | 1595 | [Luciano Tavares Angelo Cintra](http://link.springer.com/search?facet-author=%22Luciano+Tavares+Angelo+Cintra%22)… |
| [Accuracy of peri-implant bone thickness and validity of assessing bone augmentation material using cone beam computed tomography](http://link.springer.com/article/10.1007/s00784-012-0841-y)  | 1601 | [Dongyun Wang](http://link.springer.com/search?facet-author=%22Dongyun+Wang%22), [Andreas Künzel](http://link.springer.com/search?facet-author=%22Andreas+K%C3%BCnzel%22), [Vladimir Golubovic](http://link.springer.com/search?facet-author=%22Vladimir+Golubovic%22)… |
| [Correlation between hand/wrist and panoramic radiographs in severe secondary hyperparathyroidism](http://link.springer.com/article/10.1007/s00784-012-0842-x)  | 1611 | [João César Guimarães Henriques](http://link.springer.com/search?facet-author=%22Jo%C3%A3o+C%C3%A9sar+Guimar%C3%A3es+Henriques%22)… |
| [The influence of parotid gland sparing on radiation damages of dental hard tissues](http://link.springer.com/article/10.1007/s00784-012-0854-6)  | 1619 | [Jeremias Hey](http://link.springer.com/search?facet-author=%22Jeremias+Hey%22), [Johannes Seidel](http://link.springer.com/search?facet-author=%22Johannes+Seidel%22), [Ramona Schweyen](http://link.springer.com/search?facet-author=%22Ramona+Schweyen%22)… |

**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.7 Sep 2013**

|  |  |  |
| --- | --- | --- |
| [Effects of probiotics in periodontal diseases: a systematic review](http://link.springer.com/article/10.1007/s00784-013-0990-7)  | 1627 | [Nicolás Yanine](http://link.springer.com/search?facet-author=%22Nicol%C3%A1s+Yanine%22), [Ignacio Araya](http://link.springer.com/search?facet-author=%22Ignacio+Araya%22), [Romina Brignardello-Petersen](http://link.springer.com/search?facet-author=%22Romina+Brignardello-Petersen%22)… |
| [Clinical and microbiological changes after minimally invasive therapeutic approaches in intrabony defects: a 12-month follow-up](http://link.springer.com/article/10.1007/s00784-012-0855-5)  | 1635 | [Fernanda V. Ribeiro](http://link.springer.com/search?facet-author=%22Fernanda+V.+Ribeiro%22), [Renato C. V. Casarin](http://link.springer.com/search?facet-author=%22Renato+C.+V.+Casarin%22)… |
| [Clinical and microbiological results following nonsurgical periodontal therapy with or without local administration of piperacillin/tazobactam](http://link.springer.com/article/10.1007/s00784-012-0856-4)  | 1645 | [Marc Lauenstein](http://link.springer.com/search?facet-author=%22Marc+Lauenstein%22), [Marion Kaufmann](http://link.springer.com/search?facet-author=%22Marion+Kaufmann%22), [G. Rutger Persson](http://link.springer.com/search?facet-author=%22G.+Rutger+Persson%22) |
| [Role of amniotic fluid mesenchymal cells engineered on MgHA/collagen-based scaffold allotransplanted on an experimental animal study of sinus augmentation](http://link.springer.com/article/10.1007/s00784-012-0857-3) …  | 1661 | [Paolo Berardinelli](http://link.springer.com/search?facet-author=%22Paolo+Berardinelli%22), [Luca Valbonetti](http://link.springer.com/search?facet-author=%22Luca+Valbonetti%22), [Aurelio Muttini](http://link.springer.com/search?facet-author=%22Aurelio+Muttini%22) |
| [Dentofacial characteristics of patients with rheumatoid arthritis](http://link.springer.com/article/10.1007/s00784-012-0861-7)  | 1677 | [Derya Yıldırım](http://link.springer.com/search?facet-author=%22Derya+Y%C4%B1ld%C4%B1r%C4%B1m%22), [Hakan Türkkahraman](http://link.springer.com/search?facet-author=%22Hakan+T%C3%BCrkkahraman%22), [H. Hüseyin Yılmaz](http://link.springer.com/search?facet-author=%22H.+H%C3%BCseyin+Y%C4%B1lmaz%22)… |
| [Are implants more reliable than severely compromised endodontically treated teeth as abutments for zirconia-based FPDs?](http://link.springer.com/article/10.1007/s00784-012-0866-2)  | 1685 | [M. Naumann](http://link.springer.com/search?facet-author=%22M.+Naumann%22), [C. Hohmann](http://link.springer.com/search?facet-author=%22C.+Hohmann%22), [A. Happe](http://link.springer.com/search?facet-author=%22A.+Happe%22), [F. Beuer](http://link.springer.com/search?facet-author=%22F.+Beuer%22)… |
| [Beneficial effect of methylprednisolone after mandibular third molar surgery: a randomized, double-blind, placebo-controlled split-mouth trial](http://link.springer.com/article/10.1007/s00784-012-0867-1)  | 1693 | [Stephan Acham](http://link.springer.com/search?facet-author=%22Stephan+Acham%22), [Arnold Klampfl](http://link.springer.com/search?facet-author=%22Arnold+Klampfl%22), [Astrid Truschnegg](http://link.springer.com/search?facet-author=%22Astrid+Truschnegg%22)… |
| [Volume reduction of cystic lesions after surgical decompression: a computerised three-dimensional computed tomographic evaluation](http://link.springer.com/article/10.1007/s00784-012-0869-z)  | 1701 | [Giuseppe Lizio](http://link.springer.com/search?facet-author=%22Giuseppe+Lizio%22), [Anna Freni Sterrantino](http://link.springer.com/search?facet-author=%22Anna+Freni+Sterrantino%22), [Sara Ragazzini](http://link.springer.com/search?facet-author=%22Sara+Ragazzini%22)… |
| [Proteomic and scanning electron microscopic analysis of submandibular sialoliths](http://link.springer.com/article/10.1007/s00784-012-0870-6)  | 1709 | [József Szalma](http://link.springer.com/search?facet-author=%22J%C3%B3zsef+Szalma%22), [Katalin Böddi](http://link.springer.com/search?facet-author=%22Katalin+B%C3%B6ddi%22), [Edina Lempel](http://link.springer.com/search?facet-author=%22Edina+Lempel%22)… |
| [Evaluation of the long-term storage stability of saliva as a source of human DNA](http://link.springer.com/article/10.1007/s00784-012-0871-5)  | 1719 | [Robert P. Anthonappa](http://link.springer.com/search?facet-author=%22Robert+P.+Anthonappa%22), [Nigel M. King](http://link.springer.com/search?facet-author=%22Nigel+M.+King%22), [A. Bakr M. Rabie](http://link.springer.com/search?facet-author=%22A.+Bakr+M.+Rabie%22) |
| [The influence of ambient lighting on the detection of small contrast elements in digital dental radiographs](http://link.springer.com/article/10.1007/s00784-012-0858-2)  | 1727 | [Till Schriewer](http://link.springer.com/search?facet-author=%22Till+Schriewer%22), [Ralf Schulze](http://link.springer.com/search?facet-author=%22Ralf+Schulze%22), [Andreas Filippi](http://link.springer.com/search?facet-author=%22Andreas+Filippi%22)… |
| [Root resorption of endodontically treated teeth following orthodontic treatment: a meta-analysis](http://link.springer.com/article/10.1007/s00784-012-0860-8)  | 1733 | [Ioulia Ioannidou-Marathiotou](http://link.springer.com/search?facet-author=%22Ioulia+Ioannidou-Marathiotou%22), [Anastasios A. Zafeiriadis](http://link.springer.com/search?facet-author=%22Anastasios+A.+Zafeiriadis%22)… |
| [Survival rate of approximal-ART restorations using a two-layer technique for glass ionomer insertion](http://link.springer.com/article/10.1007/s00784-012-0859-1)  | 1745 | [Clarissa Calil Bonifácio](http://link.springer.com/search?facet-author=%22Clarissa+Calil+Bonif%C3%A1cio%22), [Daniela Hesse](http://link.springer.com/search?facet-author=%22Daniela+Hesse%22)… |
| [Repair bond strength of microhybrid, nanohybrid and nanofilled resin composites: effect of substrate resin type, surface conditioning and ageing](http://link.springer.com/article/10.1007/s00784-012-0863-5)  | 1751 | [Mutlu Özcan](http://link.springer.com/search?facet-author=%22Mutlu+%C3%96zcan%22), [Pedro Henrique Corazza](http://link.springer.com/search?facet-author=%22Pedro+Henrique+Corazza%22)… |
| [Accuracy of digital and conventional impression techniques and workflow](http://link.springer.com/article/10.1007/s00784-012-0864-4)  | 1759 | [Paul Seelbach](http://link.springer.com/search?facet-author=%22Paul+Seelbach%22), [Cora Brueckel](http://link.springer.com/search?facet-author=%22Cora+Brueckel%22), [Bernd Wöstmann](http://link.springer.com/search?facet-author=%22Bernd+W%C3%B6stmann%22) |
| [Chair-side generated posterior lithium disilicate crowns after 4 years](http://link.springer.com/article/10.1007/s00784-012-0868-0)  | 1765 | [Sven Reich](http://link.springer.com/search?facet-author=%22Sven+Reich%22), [Oliver Schierz](http://link.springer.com/search?facet-author=%22Oliver+Schierz%22) |
| [Trends in World Dental Research: an overview of the last three decades using the Web of Science](http://link.springer.com/article/10.1007/s00784-012-0862-6)  | 1773 | [R. Pulgar](http://link.springer.com/search?facet-author=%22R.+Pulgar%22), [I. Jiménez-Fernández](http://link.springer.com/search?facet-author=%22I.+Jim%C3%A9nez-Fern%C3%A1ndez%22), [E. Jiménez-Contreras](http://link.springer.com/search?facet-author=%22E.+Jim%C3%A9nez-Contreras%22)… |
| [Accuracy of peri-implant bone thickness and validity of assessing bone augmentation material using cone beam computed tomography—is this correct?](http://link.springer.com/article/10.1007/s00784-013-0944-0)  | 1785 | [Siamak Sabour](http://link.springer.com/search?facet-author=%22Siamak+Sabour%22), [Elahe Vahid Dastjerdi](http://link.springer.com/search?facet-author=%22Elahe+Vahid+Dastjerdi%22), [Maryam Moezizadeh](http://link.springer.com/search?facet-author=%22Maryam+Moezizadeh%22) |
| [More about accuracy of peri-implant bone thickness and validity of assessing bone augmentation material using cone beam computed tomography](http://link.springer.com/article/10.1007/s00784-013-0946-y)  | 1787 | [Dongyun Wang](http://link.springer.com/search?facet-author=%22Dongyun+Wang%22), [Andreas Künzel](http://link.springer.com/search?facet-author=%22Andreas+K%C3%BCnzel%22), [Vladimir Golubovic](http://link.springer.com/search?facet-author=%22Vladimir+Golubovic%22)… |
| [Trial quality checklists: on the need to multiply (not add) scores](http://link.springer.com/article/10.1007/s00784-013-1020-5)  | 1789 | [Kaitlin E. Palys](http://link.springer.com/search?facet-author=%22Kaitlin+E.+Palys%22), [Vance W. Berger](http://link.springer.com/search?facet-author=%22Vance+W.+Berger%22), [Sunny Alperson](http://link.springer.com/search?facet-author=%22Sunny+Alperson%22) |
| Methodological quality of a systematic review on physicaltherapy for temporomandibular disorders: influence of handsearch and quality scales—reply to a letter to the author | 1791 | Bart Craane |
| Comment on “Development of digital shade guides for colorassessment using a digital camera with ring flashes [Oi-HongTung et al., Clinical Oral Investigations (2011) 15:49–56]” | 1793 | Rui Zhuang , Zhimin Zhu |
| Reply to the letter to the editor: Development of digital shadeguides for color assessment using a digital camera with ringflashes | 1795 | Oi-Hong Tung , Yu-Lin Lai , Yi-Ching Ho ,I-Chiang Chou , Shyh-Yuan Lee |
| Erratum to: A micro-computed tomography studyof canal configuration of multiple-canalled mesiobuccal rootof maxillary first molar | 1797 | Yeun Kim , Seok-Woo Chang , Jong-Ki Lee ,I-Ping Chen , Blythe Kaufman , Jin Jiang ,Bruce Y. Cha , Qiang Zhu , Kamran E. Safavi ,Kee-Yeon Kum |

**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.8 Nov 2013**

|  |  |  |
| --- | --- | --- |
| Correction for misclassification of caries experience in the absence of internal validation data  | 1799 | T. Mutsvari & D. Declerck & E. Lesaffre |
| A systematic review on the outcome of mandibular distraction osteogenesis in infants suffering Robin sequence | 1807 | Emma C. Paes & Aebele B. Mink van der Molen Marvick S. M. Muradin Lucienne Speleman Frea Sloot Moshe Kon & Corstiaan C. Breugem |
| Direct versus indirect loading of orthodontic miniscrew implants—an FEM analysis | 1821 | C. Holberg & P. Winterhalder & N. Holberg & I. Rudzki-Janson & A. Wichelhaus |
| Incidence of bisphosphonate-related osteonecrosis of the jaws(BRONJ) in patients taking bisphosphonates for osteoporosis treatment—a grossly underestimated risk? | 1829 | Peter Johannes Hansen & Michael Knitschke & Florian Guy Draenert & Sebastian Irle & Andreas Neff |
| Peter Johannes Hansen & Michael Knitschke & Florian Guy Draenert & Sebastian Irle & Andreas Neff | 1839 | A. Barasch & J. Cunha-Cruz & F. Curro & T. DeRouen & G. H. Gilbert & P. Hujoel & M. M. Safford & D. A. Vena & A. E. Voinea-Griffin & H. Wu  |
| Relationship between bone mineral density and trabecularbone pattern in postmenopausal osteoporotic Brazilian women  | 1847 | Matheus Lima Oliveira &Esio Fortaleza Nascimento Chaves Pedrosa & Adriana Dibo Cruz & Francsico Haiter-Neto  |
| Oral health care utilization in children with disabilities | 1855 | Roos Leroy & Dominique Declerck |
| Salivary bacteria and oral health status in medicatedand non-medicated children and adolescents with attention deficit hyperactivity disorder (ADHD) | 1863 | Ariela Hidas & Noam Birman & Avia Fux Noy & Joseph Shapira & Israel Matot & Doron Steinberg &Moti Moskovitz |
| Objective and subjective oral health care needs among adults with various disabilities  | 1869 | Roos Leroy & Dominique Declerck |
| Comparative micro-computed tomographic evaluation of two carrier-based obturation systems | 1879 | Carla Zogheib & A. Naaman &A. Sigurdsson & E. Medioni & G. Bourbouze & R. Arbab-Chirani |
| Influence of dentin and enamel pretreatment with acidic sulfurcompounds on adhesive performance | 1885 | Alexis Ioannidis & Bogna Stawarczyk & Beatrice Sener & Thomas Attin & Patrick R. Schmidlin… |
| Self-etching aspects of a three-step etch-and-rinse adhesive | 1893 | Jose Bahillo & Miguel Roig & Tissiana Bortolotto & Ivo Krejc |
| Efficacy and cytotoxicity of a bleaching gel after short application times on dental enamel  | 1901 | Diana Gabriela Soares & Ana Paula Dias Ribeiro & Fernanda da Silveira Vargas & Josimeri Hebling & Carlos Alberto de Souza Costa |
| Hydrolytic stability of three-step etch-and-rinse adhesivesin occlusal class-I cavities | 1911 | Jan De Munck, Atsushi Mine, Marcio Vivan Cardoso & Kirsten L. Van Landuyt & Anne-Katrin Lührs & André Poitevin Masao Hanabusa & Takuo Kuboki &Bart Van Meerbeek… |
| The influence of the segmentation process on 3Dmeasurements from cone beam computed tomography-derived surface models | 1919 | Willem P Engelbrecht & Zacharias Fourie Janalt Damstra & Peter O. Gerrits & Yijin Ren |
| Clinical study evaluating the discrepancy of two different impression techniques of four implants in an edentulous jaw | 1929 | Michael Stimmelmayr & Jan-Frederik Güth & Kurt Erdelt & Arndt Happe & Markus Schlee & Florian Beuer |
| Insufficient diagnostic accuracy of a single-item questionnaireto detect psychosocial distress in temporomandibular disorder patients | 1937 | Daniel R. Reissmann & Mike T. John & Levente Kriston &Oliver Schierz |
| Is smoking a predictor of apical periodontitis? | 1947 | Fabiola-Regina Rodriguez & Babür Taner & Roland Weiger & Clemens Walter |
| Erratum to: Is smoking a predictor of apical periodontitis? | 1957 | Fabiola-Regina Rodriguez & Babür Taner & Roland Weiger & Clemens Walter… |
| Herpes simplex virus reactivation and dental procedures | 1961 | L. El Hayderi & P. Delvenne & E. Rompen & J. M. Senterre & A. F. Nikkels |
| Non-erosive reflux disease patients are more complex than the sole endoscopy tells us | 1965 | Andrea Ottonello & Vincenzo Savarino &Edoardo Savarino |
| Response toOttonello et al.: Non-erosive reflux disease patients are more complex than the sole endoscopy tells us | 1967 | Karin Kislig & Clive H. Wilder-Smith & Michael M. Bornstein & Adrian Lussi & Rainer Seemann |

**CLINICAL ORAL INVESTIGATIONS**

**CONTENTS**

**Vol.17 Issue.9 Dec2013**

|  |  |  |
| --- | --- | --- |
| Dental stem cells and their promising role in neural regeneration: an update | 1969 | W. Martens & A. Bronckaers & C. Politis & R. Jacobs & I. Lambrichts |
| Computer-assisted flapless implant placement reducesthe incidence of surgery-related bacteremia | 1985 | Volkan Arısan & Nilüfer Bölükbaşı & Lütfiye Öksüz |
| Clinical characteristics of Mikulicz’s diseaseas an IgG4-related disease | 1995 | Masafumi Moriyama & Akihiko Tanaka &Takashi Maehara & Yukiko Ohyama & Mayumi Shimizu & Hitoshi Nakashima & Jun-Nosuke Hayashida & Shoichi Shinozaki & Yoshiaki Kubo & Sachiko Furukawa & Toshihiro Kikuta & Seiji Nakamura |
| Performance of coralline hydroxyapatite in sinusfloor augmentation: a retrospective study | 2003 | Zhi-Bin Luo & Qing-Bin Zhang & Zhao-Qiang Zhang & Dan Chen & Wang-Xiang Yan & Ke-Feng Li & Yu Chen |
| High HIF-1α expression genotypes in oral lichen planus | 2011 | Carlos Alberto de Carvalho Fraga & Lucas Rodrigues Alves & Luciano Marques-Silva &Adriana Alkmim de Sousa & Antonio Sérgio Barcala Jorge & Sabrina Ferreira de Jesus &Daniel Nogueira Vilela & Ugo Borges Pinheiro & Kimberly Marie Jones & Alfredo Maurício Batista de Paula & André Luiz Sena Guimarães |
| Three-dimensional evaluation of soft tissue changesin the orofacial region after tooth-borne and bone-bornesurgically assisted rapid maxillary expansion | 2017 | Rania M. Nada & Bram van Loon & Thomas J.J. Maal & Stefaan J. Bergé & Yehya A. Mostafa & Anne Marie Kuijpers-Jagtman & Jan GJH Schols |
| Contributory role of the tongue and mandible in modulating the in-mouth air cavity at rest | 2025 | Pierre Bourdiol & Anne Mishellany-Dutour & Marie-Agnes Peyron & Alain Woda |
| Effects of orthodontic treatment on human alveolar bonedensity distribution | 2033 | Hechang Huang & Michael Richards & Tamer Bedair & Henry W. Fields & J. Martin Palomo & William M. Johnston & Do-Gyoon Kim |
| Endotoxins potentiate COX-2 and RANKL expressionin compressed PDL cells | 2041 | Piero Römer & Josef Köstler & Vasiliki Koretsi & Peter Proff |
| Evaluation of a preventive program aiming at childrenwith increased caries risk using ICDAS II criteria | 2049 | Klaus Pieper & Kristina Weber & Jutta Margraf-Stiksrud & Monika Heinzel-Gutenbrunner & Stefan Stein &Anahita Jablonski-Momeni |
| Saliva fluoride before and during 3 years of supervised useof fluoride toothpaste | 2057 | A. Richards & V. Machiulskiene & B. Nyvad & V. Baelum |
| Chemometric analysis of the consumption of oral rinsechlorite (ClO2 −) by human salivary biomolecules | 2065 | Hubert Chang & John Blackburn & Martin Grootveld |
| Caries detection under composite restorations by laserfluorescence and digital radiography | 2079 | Suwadee Kositbowornchai & Chotikpanich Sukanya & Tangkittikasem Tidarat & Thongsombat Chanoggarn |
| Pretreatment of natural caries lesions affects penetrationdepth of infiltrants in vitro | 2085 | S. Paris & V. M. Soviero & M. Schuch & H. Meyer-Lueckel |
| Perioperative use of an anti-inflammatory drug on toothsensitivity caused by in-office bleaching: a randomized,triple-blind clinical trial | 2091 | Eloisa Andrade de Paula & Alessandro D. Loguercio & Daniel Fernandes & Stella Kossatz & Alessandra Reis |
| Radiographic follow-up of periapical status after endodontictreatment of teeth with and without apical periodontitis | 2099 | Sisko Huumonen & Dag Ørstavik |
| Radiographic examination of apical extrusion of root canalirrigants during cavitation induced by Er,Cr:YSGG laserirradiation: an in vivo study | 2105 | Harry Huiz Peeters & Latief Mooduto |
| Application of two segmentation protocols during the processing of virtual images in rapid prototyping: ex vivo study with human dry mandibles | 2113 | Eduardo Gomes Ferraz & Lucio Costa Safira Andrade & Aline Rode dos Santos & Vinicius Rabelo Torregrossa &Izabel Regina Fischer Rubira-Bullen & |
| The clinical accuracy of single crowns exclusively fabricated by digital workflow—the comparison of two systems | 2119 | Petya K. Brawek & Stefan Wolfart & Lutz Endres & Armin Kirsten & Sven Reich |
| Light curing through glass ceramics with a second- and a thirdgeneration LED curing unit: effect of curing mode on the degree of conversion of dual-curing resin cements | 2127 | Simon Flury & Adrian Lussi & Reinhard Hickel & Nicoleta Ilie |
| Satisfaction with the dentition related to dental functionalstatus and tooth replacement in an adult Bulgarianpopulation: a cross-sectional study | 2139 | Nikola D. Damyanov & Dick J. Witter &Ewald M. Bronkhorst & Nico H. J. Creugers |