**CLINICAL IMPLANT DENTISTRY & RELATED RESEARCH**

**Contents
Vol.11-No.1, Mar 2009**

|  |  |  |
| --- | --- | --- |
| Immediate Loading of Implants in the Edentulous Maxilla: Use of an Interim Fixed Prosthesis Followed by a Permanent Fixed Prosthesis: A 32-Month Prospective Radiological and Clinical Study | 1 | Goran Bergkvist, Krister Nilner, Sten Sahlholm, Ulf Karlsson and Christina Lindh |
| Marginal Bone Loss at Implants: A Retrospective, Long-Term Follow-Up of Turned Branemark System Implants | 11 | Solweig Sunden Pikner, Kerstin Grondahl, Torsten Jemt and Bertil Friberg |
| Clinical and Microbiological Determinants of Ailing Dental Implants | 24 | Giorgio Tabanella, Hessam Nowzari and Jorgen Slots |
| Clinical Assessment of Peri-Implant Tissues in Patients with Varying Severity of Chronic Periodontitis | 37 | Fitin Aloufi, Nabil Bissada, Anthony Ficara, Fady Faddoul and Mohammad S. Al-Zahrani |
| Peri-Implant Bone Organization under Immediate Loading Conditions: Collagen Fiber Orientation and Mineral Density Analyses in the Minipig Model | 41 | Tonino Traini, Jorg Neugebauer, Ulf Thams, Joachim E. Zoller, Sergio Caputi and Adriano Piattelli |
| Influence of Defect Depth on Resonance Frequency Analysis and Insertion Torque Values for Implants Placed in Fresh Extraction Sockets: A Human Cadaver Study | 52 | Ilser Turkyilmaz, Lars Sennerby, Burak Yilmaz, Burak Bilecenoglu and Esma Nida Ozbek |
| Chronological Changes in the Ultrastructure of Titanium-Bone Interfaces: Analysis by Light Microscopy, Transmission Electron Microscopy, and Micro-Computed Tomography | 59 | Kenzo Morinaga, Hirofumi Kido, Atsuko Sato, Akira Watazu and Masaro Matsuura |

**CLINICAL IMPLANT DENTISTRY & RELATED RESEARCH**

**Contents**
**Vol.11-No.2, Jun. 2009**

|  |  |  |
| --- | --- | --- |
| Immediate and Early Loading of Oxidized Tapered Implants in the Partially Edentulous Maxilla: A 1-Year Prospective Clinical, Radiographic, and Resonance Frequency Analysis Study | 69 | Kerstin Fischer, Mats Backstrom and Lars Sennerby |
| Clinical Outcome of Overdenture Treatment on Two Nonsubmerged and Nonsplinted Astra Tech Microthread™ Implants | 81 | Hugo De Bruyn, Jos Besseler, Filiep Raes and Marianne Vaneker |
| Alveolar Ridge Regeneration with Equine Spongy Bone: A Clinical, Histological, and Immunohistochemical Case Series | 90 | Danilo Alessio Di Stefano, Luciano Artese, Giovanna Iezzi, Adriano Piattelli, Stefano Pagnutti, Marcello Piccirilli and Vittoria Perrotti |
| Porous Titanium Granules Used as Osteoconductive Material for Sinus Floor Augmentation: A Clinical Pilot Study | 101 | Hans Bystedt and Lars Rasmusson |
| Bacterial Colonization of Oral Implants from Nondental Sources | 106 | Jinus Emrani, Winston Chee and Jorgen Slots |
| Biomechanical Aspects of Primary Implant Stability: A Human Cadaver Study | 113 | Ilser Turkyilmaz, Lars Sennerby, Edwin A. McGlumphy and Tolga F. Tozum |
| Radiographic Analyses of “Advanced” Marginal Bone Loss Around Branemark Dental Implants | 120 | Solweig Sunden Pikner and Kerstin Grondahl |
| A Retrospective Analysis of Early and Delayed Loading of Full-Arch Mandibular Prostheses Using Three Different Implant Systems: Clinical Results with Up to 5 Years of Loading | 134 | Alf Eliasson, Fredrik Blomqvist, Ann Wennerberg and Anders Johansson |
| Morbidity after Chin Bone Harvesting – A Retrospective Long-Term Follow-Up Study | 149 | Lucy Weibull, Goran Widmark, Carl-Johan Ivanoff, Eva Borg and Lars Rasmusson |
| Fracture Strength of Zirconia Implants after Artificial Aging | 158 | Marina Andreiotelli and Ralf-Joachim Kohal |

**CLINICAL IMPLANT DENTISTRY & RELATED RESEARCH**

**Contents
Vol.11-No.3, Sept. 2009**

|  |  |  |
| --- | --- | --- |
| Five-Year Evaluation of Lifecore Restore Implants: A Retrospective Comparison with Nobel Biocare MK II Implants | 167 | Thomas Kallus, Christer Bessing, George Homsi and Inger Eklund |
| RFA Values of Implants Placed in Sinus Grafted and Nongrafted Sites after 6 and 12 Months | 178 | Marco Degidi, Giuseppe Daprile and Adriano Piattelli |
| Two-Year Outcome with Nobel Direct Implants: A Retrospective Radiographic and Microbiologic Study in 10 Patients | 183 | Tommie Van de Velde, Eric Thevissen, G. Rutger Persson, Carina Johansson and Hugo De Bruyn |
| Digitally Planned, Immediately Loaded Dental Implants with Prefabricated Prostheses in the Reconstruction of Edentulous Maxillae: A 1-Year Prospective, Multicenter Study | 194 | Bjorn Johansson, Bertil Friberg and Hans Nilson |
| Reproducibility of the Implant Crown Aesthetic Index – Rating Aesthetics of Single-Implant Crowns and Adjacent Soft Tissues with Regard to Observer Dental Specialization | 201 | Peter Gehrke, Marco Degidi, Zitta Lulay-Saad and Günter Dhom |
| Optical Three-Dimensional Scanning Acquisition of the Position of Osseointegrated Implants: An in vitro Study to Determine Method Accuracy and Operational Feasibility | 214 | Marco Del Corso, Giancarlo Aba, Lydia Vazquez, Jacques Dargaud and David M. Dohan Ehrenfest |
| Apical Peri-Implantitis: Possible Predisposing Factors, Case Reports, and Surgical Treatment Suggestions | 222 | Christer Dahlin, Hossein Nikfarid, Bengt Alsen and Hossein Kashani |
| Within-Subject Comparison of Two Rigid Bar Designs Connecting Two Interforaminal Implants: Patients' Satisfaction and Prosthetic Results | 228 | Regina Mericske-Stern, Dieter Probst, Fritz Fahrlnder and Marc Schellenberg |
| Prosthetically Driven, Computer-Guided Implant Planning for the Edentulous Maxilla: A Model Study | 238 | Joannis Katsoulis, Pawel Pazera and Regina Mericske-Stern |
| Cone-Beam CT for Preoperative Implant Planning in the Posterior Mandible: Visibility of Anatomic Landmarks | 246 | Sara Lofthag-Hansen, Kerstin Grondahl and Annika Ekestubbe |

**CLINICAL IMPLANT DENTISTRY & RELATED RESEARCH**

**Contents**
**Vol.11-Issue-Supplement-S1-Oct. 2009**

|  |  |  |
| --- | --- | --- |
| Introduction  | 1 |  |
| The Buccofacial Wall of Maxillary Sinus: An Anatomical Consideration for Sinus Augmentation:  | 2 | Hun-Mu Yang, Hanna Eun Kyong Bae, Sung-Yoon Won, Kyung-Seok Hu, Woo-Chul Song, Doo-Jin Paik and Hee-Jin Kim |
| Sinus Lift Using a Nanocrystalline Hydroxyapatite Silica Gel in Severely Resorbed Maxillae: Histological Preliminary Study | 7 | Luigi Canullo and Claudia Dellavia |
| Histological Findings Following the Use of a Space-Making Device for Bone Reformation and Implant Integration in the Maxillary Sinus of Primates | 14 | Giovanni Cricchio, Vinicius Canavarros Palma, Paulo E.P. Faria, Jose Americo De Oliveira, Stefan Lundgren, Lars Sennerby and Luiz A. Salata |
| A Lateral Approach for Sinus Elevation Using PRGF Technology  | 23 | Eduardo Anitua, Roberto Prado and Gorka Orive |
| Quantitation of Mandibular Ramus Volume as a Source of Bone Grafting | 32 | Fernando Verdugo, Krikor Simonian, Roberto Smith McDonald and Hessam Nowzari |
| Accidental Displacement of Dental Implants into the Maxillary Sinus: A Report of Nine Cases | 38 | Lourdes Ridaura-Ruiz, Rui Figueiredo, Rosa Guinot-Moya, Manuel Pinera-Penalva, Maria Angeles Sanchez-Garces, Eduard Valmaseda-Castellon and Cosme Gay-Escoda |
| The “Dome Phenomenon” Associated with Maxillary Sinus Augmentation | 46 | Dan Mahler, Liran Levin, Hadar Zigdon and Eli E. Machtei |
| Assessment of Maxillary Sinus Septa Using Cone-Beam Computed Tomography: Etiological Consideration | 52 | Munetaka Naitoh, Yutaka Suenaga, Shintaro Kondo, Kenichi Gotoh and Eiichiro Ariji |
| Histomorphometric Analysis of Human Maxillary Sinus Lift with a New Bone Substitute Biocomposite: A Preliminary Report | 59 | Claudia Dellavia, Gianluca Tartaglia and Chiarella Sforza |
| Inlay versus Onlay Iliac Bone Grafting in Atrophic Posterior Mandible: A Prospective Controlled Clinical Trial for the Comparison of Two Techniques | 69 | Pietro Felice, Roberto Pistilli, Giuseppe Lizio, Gerardo Pellegrino, Alessandro Nisii and Claudio Marchetti |
| Minimally Invasive Antral Membrane Balloon Elevation – Results of a Multicenter Registry | 83 | Efraim Kfir, Moshe Goldstein, Israel Yerushalmi, Ronen Rafaelov, Ziv Mazor, Vered Kfir and Edo Kaluski |
| Combining Scaffolds and Osteogenic Cells in Regenerative Bone Surgery: A Preliminary Histological Report in Human Maxillary Sinus Augmentation  | 92 | Carlo Mangano, Adriano Piattelli, Alberto Mangano, Francesco Mangano, Alessandro Mangano, Giovanna Iezzi, Fabio L. Borges, Susana D 'Avila and Jamil Awad Shibli |

**CLINICAL IMPLANT DENTISTRY & RELATED RESEARCH**

**Contents
Vol.11-No.4, Oct. 2009**

|  |  |  |
| --- | --- | --- |
| Comparative Analysis of Immediate Functional Loading and Immediate Nonfunctional Loading to Traditional Healing Periods: A 5-Year Follow-Up of 550 Dental Implants | 257 | Marco Degidi, Giovanna Iezzi, Vittoria Perrotti and Adriano Piattelli |
| Micromotion and Stress Distribution of Immediate Loaded Implants: A Finite Element Analysis | 267 | A. Fazel, S. Aalai, M. Rismanchian and P. Sadr-Eshkevari |
| A Restoratively Driven Ridge Categorization, as Determined by Incorporating Ideal Restorative Positions on Radiographic Templates Utilizing Computed Tomography Scan Analysis | 272 | Nicolas Elian, Brian Ehrlich, Ziad Jalbout, Sang-Choon Cho, Stuart Froum and Dennis Tarnow |
| Effect of Diameter and Length on Stress Distribution of the Alveolar Crest around Immediate Loading Implants | 279 | Xi Ding, Sheng-Hui Liao, Xing-Hao Zhu, Xiu-Hua Zhang and Lin Zhang |
| Influence of Different Operatory Setups on Implant Survival Rate: A Retrospective Clinical Study | 288 | Carina Cardemil, Zoran Ristevski, Bengt Alsen and Christer Dahlin |
| Histomorphometric Evaluation of a Nanothickness Bioceramic Deposition on Endosseous Implants: A Study in Dogs | 292 | Paulo G. Coelho, Giuseppe Cardaropoli, Marcelo Suzuki and Jack E. Lemons |
| Cemented Cera One and Porcelain Fused to TiAdapt Abutment Single-Implant Crown Restorations: A 10-Year Comparative Follow-Up Study | 303 | Torsten Jemt |
| Early Laser-Welded Titanium Frameworks Supported by Implants in the Edentulous Mandible: A 15-Year Comparative Follow-Up Study | 311 | Anders Ortorp and Torsten Jemt |
| Stability of Prototype Two-Piece Zirconia and Titanium Implants after Artificial Aging: An In Vitro Pilot Study | 323 | Ralf-Joachim Kohal, Hans Christian Finke and Gerold Klaus |
| Outcome of Branemark Novum Implant Treatment in Edentulous Mandibles: A Retrospective 5-Year Follow-Up Study | 330 | Federico Gualini, GianLuigi Gualini, Roberto Cominelli and Ulf Lekholm |
| Early Loading of Nonsubmerged Titanium Implants with a Chemically Modified Sand-Blasted and Acid-Etched Surface: 6-Month Results of a Prospective Case Series Study in the Posterior Mandible Focusing on Peri-Implant Crestal Bone Changes and Implant Stability Quotient (ISQ) Values | 338 | Michael M. Bornstein, Christopher N. Hart, Sandro A. Halbritter, Dean Morton and Daniel Buser |