**CLINICAL IMPLANT DENTISTRY & RELATED RESEARCH**

**Contents  
Vol.10-No.1, Mar. 2008**

|  |  |  |
| --- | --- | --- |
| Influence of Interimplant Distance on Bone Microstructure: A Histomorphometric Study in Dogs | 1 | Tonino Traini, Arthur B. Novaes Jr., Vula Papalexiou and Adriano Piattelli |
| Characterization of the Surface Properties of Commercially Available Dental Implants Using Scanning Electron Microscopy, Focused Ion Beam, and High-Resolution Transmission Electron Microscopy | 11 | Tobias Jarmar, Anders Palmquist, Rickard Branemark, Leif Hermansson, Hakan Engqvist and Peter Thomsen |
| Malignant Tumors of the Maxilla: Virtual Planning and Real-Time Rehabilitation with Custom-Made R-zygoma Fixtures and Carbon–Graphite Fiber-Reinforced Polymer Prosthesis | 23 | Karl Ekstrand and Jan-M. Hirsch |
| Myeloperoxidase as a Measure of Polymorphonuclear Leukocyte Response in Inflammatory Status Around Immediately and Delayed Loaded Dental Implants: A Randomized Controlled Clinical Trial | 30 | Guliz N. Guncu, Tolga F. Tozum, M. Barış Guncu, Nermin Yamalik, Celal Tümer, Erdem Karabulut and Kamer Kilinç |
| A Finite Element Analysis of Stress Distribution in Bone Tissue Surrounding Uncoupled or Splinted Dental Implants | 40 | Goran Bergkvist, Kjell Simonsson, Kristofer Rydberg, Fredrik Johansson and Tore Dérand |
| Rehabilitation of Edentulous Mandibles by Means of Five TiUnite™ Implants After One-Stage Surgery: A 1-Year Retrospective Study of 90 Patients | 47 | Bertil Friberg and Torsten Jemt |
| Enhanced Initial Cell Responses to Chemically Modified Anodized Titanium | 55 | Ryo Jimbo, Takashi Sawase, Koumei Baba, Tadafumi Kurogi, Yasuaki Shibata and Mitsuru Atsuta |
| Osteotome Sinus Floor Elevation and Simultaneous Placement of Implants - A 1-Year Retrospective Study with Astra Tech Implants | 62 | Robert Fermergard and Per Åstrand |

**CLINICAL IMPLANT DENTISTRY & RELATED RESEARCH**

**Contents  
Vol.10-No.2, May 2008**

|  |  |  |
| --- | --- | --- |
| Temporary Implant-Supported Prosthesis for Immediate Loading According to a Chair-Side Concept: Technical Note and Results from 37 Consecutive Cases | 71 | Par-Olov Ostman, Mats Hellman, Lars Sennerby and Ann Wennerberg |
| Turned Branemark System Implants in Wide and Narrow Edentulous Maxillae: A Retrospective Clinical Study | 78 | Bertil Friberg and Torsten Jemt |
| A New Technique for Reconstruction of the Atrophied Narrow Alveolar Crest in the Maxilla Using Morselized Impacted Bone Allograft and Later Placement of Dental Implants | 86 | Per Holmquist, Amir Dasmah, Lars Sennerby and Mats Hallman |
| Patient Satisfaction with Implant-Retained Mandibular Overdentures: A Retrospective Study | 93 | Hakimeh Siadat, Marzieh Alikhasi, Ali Mirfazaelian, Farideh Geramipanah and Farid Zaery |
| Histopathological Observations of a Polylactic Acid-Based Device Intended for Guided Bone/Tissue Regeneration | 99 | Giuseppe Polimeni, Ki-Tae Koo, Gordon A. Pringle, Alexis Agelan, Fayez F. Safadi and Ulf ME Wikesjo |
| Effect of Solely Applied Platelet-Rich Plasma on Osseous Regeneration Compared to Bio-Oss: A Morphometric and Densitometric Study on Rabbit Calvaria | 106 | Jesus Torres, Faleh M. Tamimi, Isabel F. Tresguerres, Mohammad H. Alkhraisat, Ameen Khraisat, Enrique Lopez-Cabarcos and Luis Blanco |
| The Implant-Abutment Interface of Alumina and Zirconia Abutments | 113 | Bulem Yuzugullu and Mehmet Avci |

**CLINICAL IMPLANT DENTISTRY & RELATED RESEARCH**

**Contents  
Vol.10-No.3, Sept. 2008**

|  |  |  |
| --- | --- | --- |
| Complications of Computer-Aided-Design/Computer-Aided-Machining-Guided (Nobel Guide™) Surgical Implant Placement: An Evaluation of Early Clinical Results | 123 | Loong Tee Yong and Peter K. Moy |
| Laser-Welded Titanium Frameworks Supported by Implants in the Partially Edentulous Mandible: A 10-Year Comparative Follow-Up Study | 128 | Anders Ortorp and Torsten Jemt |
| Patients' Evaluation of Two Occlusal Schemes for Implant Over dentures | 140 | John M. Aarts, Alan G. T. Payne and W. Murray Thomson |
| Immunology, Microbiology, and Virology Following Placement of NobelPerfect™ Scalloped Dental Implants: Analysis of a Case Series | 157 | Hessam Nowzari, Klaus Yi, Winston Chee and Sandra K. Rich |
| Microbiology and Cytokine Levels Around Healthy Dental Implants and Teeth | 166 | Hessam Nowzari, Javier Enrique Botero, Marina DeGiacomo, Maria C. Villacres and Sandra K. Rich |
| Clinical Outcome of Mini-Screws Used as Orthodontic Anchorage | 174 | Emmanuel Justens and Hugo De Bruyn |
| Early Bone Tissue Responses to Turned and Oxidized Implants in the Rabbit Tibia | 181 | Patricia Miranda Burgos, Lars Rasmusson, Luiz Meirelles and Lars Sennerby |
| Evaluations of Bone Tissue Integration to Pure and Alloyed Titanium Implants | 191 | Victoria Franke Stenport and Carina B. Johansson |
| Short-period Effects of Zirconia and Titanium on Osteoblast MicroRNAs | 200 | Annalisa Palmieri, Furio Pezzetti, Giorgio Brunelli, Lorenzo Lo Muzio, Antonio Scarano, Luca Scapoli, Macella Martinelli, Marzia Arlotti, Laura Guerzoni, Corrado Rubini and Francesco Carinci |

**CLINICAL IMPLANT DENTISTRY & RELATED RESEARCH**

**Contents**  
**Vol.10-No.4, Dec. 2008**

|  |  |  |
| --- | --- | --- |
| Implant Treatment of Patients with Edentulous Jaws: A 20-Year Follow-Up | 207 | Per Astrand, Jan Ahlqvist, Johan Gunne and Hans Nilson |
| Marginal Adaptation of All-Ceramic Crowns on Implant Abutments | 218 | Wael Att, Tomas Hoischen, Thomas Gerds and Jorg Rudolf Strub |
| Accuracy of Linear Measurement Provided by Cone Beam Computed Tomography to Assess Bone Quantity in the Posterior Maxilla: A Human Cadaver Study | 226 | Sophie Veyre-Goulet, Thomas Fortin and Anthony Thierry |
| Two Alternative Surgical Techniques for Enhancing Primary Implant Stability in the Posterior Maxilla: A Clinical Study Including Bone Density, Insertion Torque, and Resonance Frequency Analysis Data | 231 | Ilser Turkyilmaz, Utku Aksoy and Edwin A. McGlumphy |
| Determination of Bone Quality of 372 Implant Recipient Sites Using Hounsfield Unit from Computerized Tomography: A Clinical Study | 238 | Ilser Turkyilmaz, Oguz Ozan, Burak Yilmaz and Ahmet Ersan Ersoy |
| Effect of Hydroxyapatite and Titania Nanostructures on Early In Vivo Bone Response | 245 | Luiz Meirelles, Lory Melin, Timo Peltola, Per Kjellin, Ilkka Kangasniemi, Fredrik Currie, Martin Andersson, Tomas Albrektsson and Ann Wennerberg |
| Immediate Rehabilitation of the Mandible with Fixed Full Prosthesis Supported by Axial and Tilted Implants: Interim Results of a Single Cohort Prospective Study | 255 | Luca Francetti, Enrico Agliardi, Tiziano Testori, Davide Romeo, Silvio Taschieri and Massimo Del Fabbro |
| The Bone Tissue Responses to Prehydrated and Collagenated Cortico-Cancellous Porcine Bone Grafts: A Study in Rabbit Maxillary Defects | 264 | Ulf Nannmark and Lars Sennerby |
| Anatomical Bases for the Insertion of Zygomatic Implants | 271 | Marcelle Rossi, Luis Rogerio Duarte, Robson Mendonca and Atson Fernandes |