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| Titolo                  | Osseointegration and dental implants // edited by Asbjorn Jokstad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Descrizione fisica      | 1 online resource (444 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Classificazione         | 44.96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Altri autori (Persone)  | JokstadAsbjorn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Disciplina              | 617.6/92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Soggetti                | Dental implants<br>Osseointegration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Note generali           | Based on the proceedings of the Toronto Osseointegration Conference Revisited, which took place on May 8-10, 2008.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Nota di contenuto       | Cover; Contents; Foreword; Preface; Contributing Authors; Introduction; 1: Implant Dentistry: A Technology Assessment; HOW MANY IMPLANT SYSTEMS DO WE HAVE AND ARE THEY DOCUMENTED?; WHAT HAVE WE LEARNED FROM RANDOMIZED CONTROLLED CLINICAL TRIALS ON ORAL IMPLANTS?; SYSTEMATIC REVIEWS OF SURVIVAL AND COMPLICATION RATES OF IMPLANT-SUPPORTED FIXED DENTAL PROSTHESES AND SINGLE CROWNS; 2: Comprehensive Treatment Planning for Complete Arch Restorations; TREATMENT OF THE EDENTULOUS MAXILLA AND MANDIBLE WITH IMPLANT-RETAINED OVERDENTURES KEY IMPLANT POSITIONS AND IMPLANT NUMBER: A BIOMECHANICAL RATIONALE TREATMENT ALTERNATIVES FOR THE TERMINAL DENTITION PATIENT; 3: Comprehensive Treatment Planning for the Patient with Complex Treatment Needs; THE CHALLENGING PATIENT WITH FACIAL DEFORMITIES, RARE DISORDERS, OR OLD AGE; 4: Comprehensive Treatment Planning for the Patient with Oral or Systemic Inflammation; THE EFFICACY OF OSSEOINTEGRATED DENTAL IMPLANTS FOR |

PERIODONTALLY COMPROMISED PATIENTS; PROFILES AND TREATMENT  
 OPTIONS FOR REFRACTORY PATIENTS IN A PERIODONTAL PRACTICE  
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 OF THE PERIODONTITIS SYSTEMIC DISEASE MODEL?5: Surgery Phase  
 Planning; ADVANCES IN DIAGNOSIS AND TREATMENT PLANNING  
 UTILIZING CT SCAN TECHNOLOGY FOR IMPROVING SURGICAL AND  
 RESTORATIVE IMPLANT RECONSTRUCTION: TOOLS OF EMPOWERMENT;  
 IMMEDIATE IMPLANTS IN INFECTED SITES: CONTRAINDICATIONS  
 RECONSIDERED; IMAGE-BASED IMPLANT THERAPY: CURRENT STATUS  
 AND FUTURE PERSPECTIVES; 6: Pre-implant Surgical Interventions;  
 HORIZONTAL AND VERTICAL BONE REGENERATION IN THE MAXILLA  
 AND MANDIBLE  
 PRE-IMPLANT SURGICAL INTERVENTIONS TISSUE ENGINEERING  
 SOLUTIONS GUIDED BONE REGENERATION WITH OR WITHOUT BONE  
 GRAFTS: FROM EXPERIMENTAL STUDIES TO CLINICAL APPLICATION; 7:  
 Pre-implant Surgical Augmentation Interventions; HARD-TISSUE  
 AUGMENTATION TO OSSEOINTEGRATE IMPLANTS; ONLAY AND INLAY  
 GRAFTING IN IMPLANT REHABILITATION: CLINICAL ASPECTS; IS  
 AUTOGENOUS BONE STILL THE "GOLD STANDARD" FOR GRAFTING?  
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 Maxilla; EVOLUTION OF THE SINUS AUGMENTATION PROCEDURE: 1982,  
 2008, AND BEYOND  
 BONE AUGMENTATION IN THE SEVERELY RESORBED MAXILLA9:  
 Biomaterials and Substances for Site Optimizing; ALVEOLAR  
 AUGMENTATION: PAST, PRESENT, AND FUTURE; 10: Implant Surgery  
 Interventions; THREE-DIMENSIONAL REVERSE TISSUE ENGINEERING FOR  
 OPTIMAL DENTAL IMPLANT RECONSTRUCTION; 11: The Implant and  
 Biological Response; THE HEALING BONE-IMPLANT INTERFACE: ROLE OF  
 MICROMOTION AND RELATED STRAIN LEVELS IN TISSUE; 12: The  
 Implant Surface and Biological Response; THE CHANGING INTERFACE;  
 13: The Implant Design and Biological Response  
 INFLUENCES OF IMPLANT DESIGN AND SURFACE PROPERTIES ON  
 OSSEOINTEGRATION AND IMPLANT STABILITY

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#### Sommario/riassunto

Osseointegration and Dental Implants offers a comprehensive guide to  
 the state of the art of implant dentistry. Based around the proceedings  
 of the Toronto Osseointegration Conference Revisited, it gathers  
 together information on all aspects of implant dentistry and  
 osseointegration, from basic scientific background, such as the biology  
 of osseointegration and the biomechanics of implant surface design, to  
 clinical relevance, such as treatment planning, loading protocols, and  
 patient rehabilitation. This unique book shows implant dentistry as it is  
 today, in all its diverse clinical app

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