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300ks Review

Innovative Perspectives in Oral and Maxillofacial Surgery

Editors: Mark R. Stevens, Shohreh Ghasemi, Reza Tabrizi

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Dr. Mark Stevens, Chief of the Department of Oral and Maxillofacial Surgery at Augusta University in Augusta, GA, USA, Dr. Shohreh Ghasemi, Resident of oral surgery at the International University of Catalonia in Barcelona, Spain and Dr. Reza Tabrzi, Associate professor of Shahid Behshti University of Medical Sciences in Tehran, Iran as editors together with the 87 contributors are creating a book on the latest technologies and developments in oral and maxillofacial surgery. The book entitled "Innovative Perspectives in Oral and Maxillofacial Surgery" addresses the proposed topic in 52 chapters.

This book examines the latest technologies and developments in oral and maxillofacial surgery. Information is presented in an easy-to-read format and each surgical technique is detailed. Each chapter includes scientific documentation of the procedure through clinical trials, objective patient benefits, detailed explanations of the procedure, levels of treatment complexity according to the SAC (simple-advanced complex) classification, and costs.

First, it starts with information on osteocyte, molecular and cellular basis of bone, biomaterial for osseous reconstruction, bone quality and quantity. it continues with data on oral implants, immediate and early implantation versus delayed implantation, immediate single tooth implant, ultra-short implant, zygomatic implants, all-on-four concept, autotransplantation, predictability, peri-implantitis and computer-guided implant dentistry. Information is presented regarding sinus elevation, conservative technique, options or alternatives, alveolar ridge splitting, vertical ridge augmentation, mandibular bone block graft, socket shield technique, canine impaction and fenestration and endodontic surgery combined with CAD/CAM technology. Among the reconstructive and plastic surgery techniques are mentioned: anterior and posterior iliac crest graft, SARPE and MARPE, nerve involvement, osseodensification, cleft lip and palate surgical intervention, orthognathic surgery, skull reconstruction for craniosynostosis and soft tissue plastic surgery.

Differential diagnosis in oral lesions, intraoral biopsy techniques, systemic diseases with oral manifestations, innovations in the management of temporomandibular joint disorders, medications used in oral surgery are topics covered at the end of this book.

The chapters comprehensively present the treatment procedures, being supported by eloquent images and tables.

The book "Innovative Perspectives in Oral and Maxillofacial Surgery" is addressed to undergraduate students in the field of dentistry, dental hygienists, general dentists, specialists and the elderly in maxillofacial surgery.

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