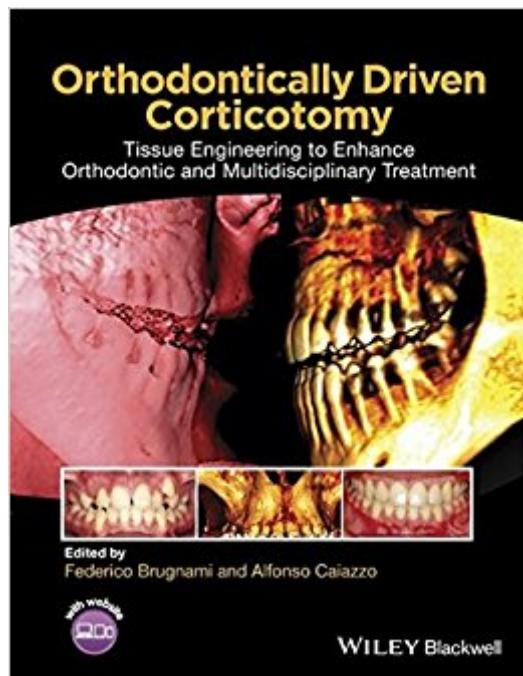


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# Orthodontically Driven Corticotomy: Tissue Engineering To Enhance Orthodontic And Multidisciplinary Treatment



## Synopsis

The first book of its kind, *Orthodontically Driven Corticotomy* describes how to apply this innovative technique to orthodontic treatment protocols. More than simply discussing orthodontic applications, the editors demonstrate how corticotomies enhance inter- and multidisciplinary treatments. Different surgical approaches are described, with indications on how to select the most appropriate one, to increase efficiency of orthodontic movement, and minimize the surgical exposure for the patient at the same time. Readers learn how to apply the technique to expand the basal bone, regenerate periodontal tissues, combine corticotomy and anchorage devices, manage partial edentulism, treat impacted teeth, and become more efficient in orthodontic treatment. Surgical steps are demonstrated with more than 650 clinical photographs and 200 illustrations.

## Book Information

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## Customer Reviews

The first book of its kind, *Orthodontically Driven Corticotomy* describes how to apply this innovative technique to orthodontic treatment protocols. More than simply discussing orthodontic applications, the editors demonstrate how corticotomies enhance inter- and multidisciplinary treatments. Different surgical approaches are described, with indications on how to select the most appropriate one, to increase efficiency of orthodontic movement, and minimize the surgical exposure for the patient at the same time. Readers learn how to apply the technique to expand the basal bone, regenerate periodontal tissues, combine corticotomy and anchorage devices, manage partial edentulism, treat impacted teeth, and become more efficient in orthodontic treatment. Surgical steps are demonstrated with more than 650 clinical photographs and 200 illustrations. Key Features: 

- Describes how corticotomies enhance inter- and multidisciplinary treatments
- Different surgical approaches are described, with indications on how to select the most appropriate one
- Increase efficiency of orthodontic movement, and minimize the surgical exposure for the patient at the same time
- Apply the technique to expand the basal bone, regenerate periodontal tissues, combine corticotomy and anchorage devices, manage partial edentulism, treat impacted teeth, and become more efficient in orthodontic treatment
- Demonstrated with more than 650 clinical photographs and 200 illustrations

Written by an international team of orthodontists, periodontists, and oral surgeons • Clinically focused to show corticotomy procedures and discussions about when each is appropriate • Website with videos demonstrating the procedures

Dr. Federico Brugnami received his DDS from the University of Rome and his certificate in periodontics at Tufts University School of Dental Medicine in Boston, becoming a Diplomate of the American Board of Periodontology. He is a former clinical instructor at Tufts University and a visiting lecturer at Nova Southeastern University, Ft. Lauderdale, FL. Dr. Brugnami was the recipient of the Young Investigator Fellowship of the American Academy of Periodontology in 1996. He has written several publications on bone grafting and regeneration, implants and osteogenic orthodontics, and is an active lecturer at meetings, academic seminars, and private courses internationally. Dr. Brugnami is Wilcodontics certified and is in private practice in Rome, Italy, limited to periodontology, oral implants, and periodontal-orthodontic interdisciplinary management. Dr. Alfonso Caiazzo received his dental degree at the University of Naples, Italy, and completed the oral and maxillofacial surgery residency program at Tufts University in Boston. He was clinical instructor at the Tufts and did a fellowship in implant dentistry at New York University, New York. He is Visiting Assistant Professor of Oral & Maxillofacial Surgery in the Henry M. Goldman School of Dental Medicine at Boston University. Dr. Caiazzo is a member of the American Association of Oral and Maxillofacial Surgery, Vice President of the Italian Society of Oral Surgery and Implant Dentistry (SICOI), Fellow of the European Federation of Oral Surgery Societies (EFOSS), and founding member of the European Society of Dental & Craniofacial Stem Cells (ESDCSC). Dr. Caiazzo is certified in Wilckodontics, and his practice in Salerno, Italy, is limited to oral surgery and implant dentistry.

This is more of an elaboration than a review. This is the book Tom Wilcko and I should have written. As a delighted participant in this book's publication I must say that the first line of the publisher's description tells it all: "The first book of its kind." Actually, it is the only book of its kind, viz. the singular best source of instruction for a century-old technique and its thirty-year scholastic development. Furthermore it offers requisite homework for those attending Professor Wilcko's excellent course in Erie, PA USA. (The Wilckodontics) Although some errors appear in a couple of chapters, (eliminated in the next printing) it is the 2015 definitive work for Surgically Facilitated Orthodontic Therapy (SFOT), Accelerated Orthodontics, corticotomy, PAOO, etc. to enhance safety and stability in orthodontic therapy. Specifically this book will

empower you to obviate the need for extraction therapy in most cases and even preclude the profound complications of some orthognathic surgeries. Thus, the data in this book make SFOT a required part of every informed consent since over 50% of patients want "faster, safer treatment." In short, this book augurs a new standard of care for orthodontic excellence. On a practical level it has all the "nuts and bolts" you need, including two meticulously described cases by Drs. Joshi and Gen of Cleveland, Ohio, the birthplace of Accelerated Orthodontics (AO) theory. Here you get a plethora of authorities, e.g. the best innovations of Drs. Wilcko, with the intellectual gravitas of Professors Bissada (CWRU), Davidovitch (Harvard), and Ferguson (BU). This scholastic firmament is fortified by the basic bone science of the renowned Professor Donald Enlow, and the timely insights of upcoming leaders like Drs. Uribe, and Dibart. They all collaborate in a nascent but profoundly effective science which this book walks you through in a reader-friendly style, step-by-step. The global appeal of this book is further enhanced by the editors' chapters showcasing the Italian school with Dr. Luzi and the Danish perspectives of Dr. Birte Melsen, a living legend in biologic orthodontic theory. The Eastern school is elegantly represented by Drs. Mostafa and El-Mangoury of Cairo, Egypt. Hopefully in the next printing the numerous contributions of the Asian school will be more fully developed. From a historical perspective, this book is the best preparation for expanding your mechanical art into a 21st century tissue-engineering science. This is especially true if you are under 35 and hope to make your own mark upon the world because this is clearly not your father's orthodontics. The contents define a new choice for the new generation. You, the neophytes, must choose your own fate: common biomechanical artisan or translational biological scientist. Believe me, as a professor of orthodontics for 3 decades, while a slothful spirit enjoys the former, these competitive times call for the latter. Here is a pragmatic goal for the newly minted orthodontist: ensure that the vast majority of your dento-alveolar cases will take no more than one year for completion with less root resorption, less infection, and less competitive vulnerability in the crucible of private practice. The histological science in this text liberates the reader from the common but unfounded notion that the alveolus bone (cf. basal bone or skeletal corpus) is immutable in form (it is malleable). Whether one uses the benign Trans-Mucosal Perforations (TMP) which I published in 2008, a piezoelectric "knife" with tunneling, or the full-flap grafting of Wilcko's PAOO, you will be empowered by lucid prose and prodigious bibliographies to know it all. To wit: clinical materials, step-by-step protocols, the underlying rationale, the profound science, the fascinating history, and even inspirational ideas which carry you beyond the very limits of the print medium itself. A recent VuMedi.com survey following Dr. Kevin Murphy's presentation has demonstrated that despite the cost of SFOT, viewers

voted that it was "worth doing" by a vote of 90 to 27. This textbook makes the 27 NaysÃ¢Â™ objections seem transparent and weak. Professionally speaking this book separates the spurious from the scholastic, the abstruse from the academic, and the rumored from the reliable. The only thing it omits is the economic and political issues, fatuous fodder for critics of the techniques. With this book science marches on. To turn away from SFOT in this text is to fight a tide of redoubtable human progress. Navigate beyond the shoals of ignorance; rise above the sirens of Nay-sayers. Carpe Diem! Buy the book. Nealwww.universityexperts.com Professor Neal C. Murphy, DDS, MS Clinical Professor of Orthodontics USC & UCLA (1981-2010) Los Angeles, California USA

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