

Correction Of Severe Deep Bite And Gummy Smile Using Mini

Guide to surgical procedures relating to facial deformities, integrating basic science of nose and face with clinical information on rhinology, trauma and aesthetics of the face.

This text provides state-of-the-art reference on the successful application of biomechanics in clinical orthodontics. It features comprehensive guidance on basic biomechanic principles to orthodontic problem resolution by focusing on the fundamentals, and shows how all techniques can apply biomechanical principles to improve the force delivery, understand and prevent side effects, and achieve predictable results. Comprehensive coverage of diagnosis, treatment planning, and biomechanical strategies provides knowledge of how to apply specific mechanisms to specific problems.

William R. Profitt, DDS, PhD; with Henry W. Fields, Jr., DDS, MSD, and 4 contributors Content includes basic and applied growth and development, biomechanics and basic orthodontic techniques, and clinical orthodontics.

Open-Bite Malocclusion: Treatment and Stability presents the etiology, treatment, and its stability of anterior open bite malocclusion in the early, mixed, and permanent dentitions. Special emphasis is devoted to orthodontic treatment and its stability in the permanent dentition because this is the time when treatment of open bite presents greater relapse. Appropriate for clinicians, orthodontic residents, and dental students, Open-Bite Malocclusion covers the most simple treatment approaches to the most complex, from orthodontic devices to tooth extraction to surgery. Unique to this book is the discussion of post-treatment stability. Drs. Janson and Valarelli highlight the post-treatment changes and presents strategies to increase treatment stability. This allows the clinician to be able to predict the stability probabilities when treating anterior open bite malocclusions in the permanent dentition either with or without extraction, orthodontic-surgical therapy, or with occlusal adjustment.

Textbook of Orthodontics

Insights into Various Aspects of Oral Health

Contemporary Perspectives, Limitations, and Solutions

Evidence-Based Orthodontics

Clear Aligner Technique

Fixed Orthodontic Appliances

Lingual orthodontics can correct most orthodontics problem that can be treated by conventional labial technique include malposition of teeth, anteroposterior discrepancies and pre-prosthetic surgical cases. This system consists of specially designed brackets which is suitable to be placed in the lingual surface of the tooth. The adult patients segment has higher resistance in committing to orthodontic treatments as opposed to younger patients. With the increasing number of adult patients in orthodontic practices, the lingual orthodontic treatment has become a treatment of choice due to its aesthetic appeal for most adults. As the numbers of adult patients who seeking orthodontic treatment are increasing rapidly, the demand of aesthetic orthodontics has been increased, many appliances have been introduced to the market. The ultimate of which are appliances bonded to the lingual surfaces of the teeth.

Esthetics and Biomechanics in Orthodontics, 2nd Edition provides everything you need to know to successfully apply biomechanics in clinical orthodontics. This edition features new content in the areas of tooth movement, treating Class III malocclusions, skeletal anchorage, Surgery First treatment plans, and space closure. In addition to comprehensive guidance on basic biomechanic principles, this state-of-the-art reference also shows how all techniques can apply biomechanical principles to improve the force delivery, understand and prevent side effects, and achieve predictable results. Highly regarded lead author, Dr. Ravindra Nanda, is a widely known and respected educator in the field of orthodontics. Comprehensive coverage of diagnosis, treatment planning, and esthetics in tooth display provides a solid foundation in orthodontia and biomechanic problem solving. Case reports include high-quality photographs, radiographs, and illustrations to better show biomechanical principles.

Radiographs and line drawings accompany clinical photographs to help illustrate the various stages of treatment. NEW! Content on the fundamentals that guide orthodontic tooth movement offers a clear understanding of how orthodontic appliances work and their role in designing treatment methodologies. NEW! Content on procedures and indications for optimal space closure helps you define priorities in treatment planning and understand all the treatment alternatives. NEW! Detailed information on biomechanics-based management of impacted canines provides treatment planning strategies and biomechanic techniques to achieve desired results without increasing treatment time. NEW! Coverage on modalities for the treatment of Class III malocclusions offers insight into new treatment protocols – such as corticotomy-assisted facemask therapy and corticotomy-assisted maxillary protraction – that are available to effectively treat these occurrences. NEW! Detailed information on the different forms of skeletal anchorage (including mini-implant technology) shows how certain challenges associated with types of tooth movement can now be overcome by applying sound biomechanical principles to skeletal anchorage. NEW! In-depth coverage of the Surgery First (SF) treatment plan offers step-by-step examples to help explain the technique of Sendai SF and its benefits

Atlas of Orthodontic Case Reviews offers a comprehensive resource to the treatment of orthodontic malocclusions with a case-based approach. Discusses and illustrates the treatment of orthodontic malocclusions using actual clinical cases Presents more than 800 clinical photographs showing the stages of each treatment, to act as a visual reference. Includes a description of each malocclusion, an explanation of the desired treatment outcomes, an account of the changes, and review questions for each case

This book is a comprehensive guide to the surgery-first orthognathic approach for patients with malocclusion and skeletal disharmony, which has been successfully applied by the authors in their practices over the past 15 years. The approach breaks with the time-tested principles of traditional orthognathic surgery in that corrective bone surgery is performed first, without the removal of dental compensations, followed by orthodontic finishing. All aspects are covered with the aid of numerous illustrations, the aim being to provide surgeons with a systematic educational tool that will enable them to introduce the approach into their own practice. In addition, the book addresses one of the hot issues in orthodontics, occlusal plane-altering orthognathic surgery, in which surgical modification of the occlusal plane is employed to treat various types of dentofacial deformity and improve facial proportions. This promises to become a very powerful tool in modern orthognathic surgery.

The Surgery-First Orthognathic Approach

Emerging Trends in Oral Health Sciences and Dentistry

Atlas of Complex Orthodontics - E-Book

Embracing Your Darkness to Find Your Light

Orthodontics; Principles and Practice

Dentofacial Orthopedics with Functional Appliances

This exciting new edition describes the essential details of diagnosis for functional appliances, gives detailed instructions on how to obtain a correct construction bite, describes fabrication and use of various types of functional appliances and discusses the specific treatment of different malocclusion categories. New chapters discuss the expansion-activator and twin block appliance, the functional magnetic system, the Hamilton, the modern Herbst appliance and the Jasper Jumper. Spanish version also available, ISBN: 84-8174-331-3

ORTHOGNATHIC SURGERY Orthognathic Surgery: Principles, Planning and Practice is a definitive clinical guide to orthognathic surgery, from initial diagnosis and treatment planning to surgical management and postoperative care. Addresses the major craniofacial anomalies and complex conditions of the jaw and face that require surgery Edited by two highly experienced specialists, with contributions from an international team of experts Enhanced by case studies, note boxes and more than 2000 clinical photographs and illustrations Serves as an essential reference for higher trainees and practicing clinicians in cranio-maxillofacial surgery, orthodontics, plastic and reconstructive surgery and allied specialties

This dynamic multi-contributor book illustrates important esthetic and restorative dental procedures as they are used in everyday clinical situations. It is designed to explain how a selected material and/or instrument can be used as part of a thorough protocol to achieve restorative excellence. With the scientific knowledge and clinical and laboratory expertise of an elect international editorial team, this book encompasses many facets of dentistry including biomaterials, dental technology, operative dentistry, prosthodontics, orthodontics, periodontics, and implant dentistry. Each chapter is divided into two parts. The first part consists of the latest evidence-based clinical concepts and biomaterials information related to the topic. The second section provides step-by-step high-quality illustration of the associated clinical procedures. The detailed photographic description of restorative and surgical procedures will ensure proper decision making and enhanced technique. Clinicians, technicians, and auxiliary staff will discover ways to make improvements in their work, maximize their productivity, and provide improved oral health to their patients.

Authored by the foremost experts in the field, this compact reference serves the student and clinician by relating basic science to successful treatment planning. It demonstrates how the best instrument in dental medicine is often the practitioner's knowledge of the body's biologic growth principles. Donald H. Enlow, MS, PhD, the acknowledged pioneer and research leader in facial growth study for the past twenty years, provides comprehensive insights into normal and abnormal craniofacial growth and development. His colleague, Mark G. Hans, DDS, MSD, contributes a concrete understanding of the importance of these concepts in clinical practice. It delves into the interrelationships between soft tissue and skeletal growth, and examines the impact of function upon development. And it stresses the ways in which these biological principles and concepts affect treatment planning, selection, results, relapse, tooth movement, and nonbiological prosthetic implants during growth. Detailed illustrations make key concepts and developmental processes simple to grasp, and a user-friendly organization allows for quick comprehension and convenient referral.

Orthodontic Flow Mechanics : Interactive Self-ligation (ISL)

Pediatric Dentistry

Second Edition

Principles and Practice

A Practical Guide

Emerging Trends in Oral Health Sciences and Dentistry is the second book on Oral Health Science. The first book is Oral Health Care-Pediatric, Research, Epidemiology and clinical Practices and Oral Health Care-Prosthodontics, Periodontology, Biology, Research and systemic Conditions published in February 2012. The present book is a reflection of the progress in Oral Health Sciences, practices and dentistry indicating the direction in which this stream of knowledge and education is likely to head forward. The book covers areas of General Dentistry, Paediatric and Preventive Dentistry, Geriatric and Prosthodontics, Orthodontics, Periodontology, Conservative Dentistry and Radiology and Oral Medicine.

"Orthodontic Treatment of Class III Malocclusion is a clinical textbook which highlights both research findings as well as clinical treatment of patients with Class III malocclusions. The volume equips readers with a critical review of present information about 1) the craniofacial biology behind various treatment strategies, 2) Diagnosis and treatment planning in both growing and non-growing Class III patients and 3) Contemporary orthodontic appliances using implants and miniscrews. The book is divided into sections proving evidence-based research on the following aspects of Class III malocclusions: the genetic and epigenetic factors contemporary diagnosis and treatment planning for patients early treatment of Class III problems treatment of Class III problems in the adolescents surgical treatment of adult Class III patients treatment of Class III problems in patients with craniofacial anomalies Orthodontic Treatment of Class III Malocclusion will empower clinicians with a sound knowledge about rationale for using certain treatment modalities and will help both general practitioners and specialists such as pediatric dentists and orthodontists to use this information for their daily practice."

In Lit, Mabel reveals the secret to how she healed and turned her past pain, broken relationships, shame, guilt, and addiction into the understanding that all women are "good enough" to live their lives full of hope and big dreams - and be the women they are meant to be.

Unlike conventional fixed orthodontic treatment approaches, Invisalign is a system that uses diagnostics data to create a three-dimensional image of the desired course of tooth movement; a series of custom-made, clear plastic aligners are then fabricated and used to achieve the

treatment goal. This book explains the technique.

Aesthetic & Restorative Dentistry

Radiographic Cephalometry

Orthodontics

Atlas of Orthodontic Case Reviews

Surgical Correction of Facial Deformities

Material Selection & Technique

Provides the latest information on all aspects of using temporary anchorage devices in clinical orthodontics, from diagnosis and treatment planning to appliances and applications. Written by some of the world's leading experts in orthodontics, *Temporary Anchorage Devices in Clinical Orthodontics* is a comprehensive, up-to-date reference that covers all aspects of temporary anchorage device (TAD) use in contemporary orthodontics. Taking a real-world approach to the subject, it covers topics ranging from diagnosis and treatment planning to the many applications and management of complications. Case studies demonstrate the concepts, and high-quality clinical photographs support the text throughout. The book begins with an overview of clinical applications and fundamental principles of TADs. It then goes on to cover biomechanical considerations for controlling target tooth movement with TADs. Biomechanical simulations for various clinical scenarios treated with TADs are addressed next, followed by an examination of histological aspects during the healing process and anatomical considerations with TADs. Other chapters cover: Class II Correction with TADs, Distalization with TADs, TAD-anchored Maxillary Protraction, Maxillary Expansion with TADs, Anterior Open Bite Correction with TADs, TAD-assisted Aligner Therapy, TADs vs. Orthognathic Surgery; Legal Considerations When Using TADs; and much more. Provides evidence-based information on the use of TADs, with a focus on improving outcomes for patients. Considers topics ranging from diagnosis and treatment planning to specific clinical applications and appliances. Takes a real-world clinical approach, with case studies demonstrating concepts. Written by international experts in the field. Presents hundreds of high-quality clinical photographs to support the text. *Temporary Anchorage Devices in Clinical Orthodontics* is an essential resource for orthodontists and orthodontic residents.

Pediatric Dentistry: A Clinical Approach, Third Edition provides a uniquely clear, comprehensive, and clinical approach to the dental treatment of children and adolescents. Offers systematic coverage of all clinical, scientific and social topics relating to pediatric dentistry. Thoroughly revised and updated new edition, with an increased focus on evidence based care. Includes three new chapters on genetics, child abuse and neglected children, and ethics. Pedodontic endodontics is now covered by two chapters – one on primary teeth and one on young permanent teeth. Features a companion website with interactive self-assessment questions.

This book presents readers with the information necessary to understand the morphogenesis of orthodontic problems, to differentiate among various conditions, and to apply early intervention approaches to optimal effect. Through integration of basic science and clinical practice, detailed case reports, and abundant illustrations, the author: * Provides an overview of dental development, from tooth formation to permanent occlusion. * Emphasizes the developmental stages that must be recognized during patient examination to facilitate differential diagnosis. * Presents clear, step-by-step instructions for different treatment options. *

Demonstrates the benefits achieved by intervention in developing malocclusions and guidance of eruption. The discussions in part 1 of the concept of early-age treatment and the basic foundation of occlusal development empower practitioners to detect anomalies and intervene as necessary. Part 2 consists of chapters explaining the ontogeny, diagnosis, and early detection of, as well as the proper intervention for, nonskeletal problems. Part 3 includes chapters on early intervention for dentoskeletal problems in the sagittal, transverse, and vertical dimensions. This book cuts through the controversy surrounding early versus late treatment and shows that clinicians must decide on a case-by-case basis when to provide orthodontic treatment.

A guide to lingual orthodontic practice. This procedure has been available for over twenty-five years, but new materials and appliances have dramatically improved results. Patients select lingual appliances primarily for aesthetic reasons and it has been a popular procedure for public figures and media personalities. Because of press coverage, many more patients are now requesting this procedure.

Lit

Essentials of Facial Growth

The Invisalign System

A Clinical Approach

Orthodontic Treatment of Class III Malocclusion

With discussion of occlusal plane-altering orthognathic surgery

Evidence-Based Orthodontics, Second Edition retains important elements of the First Edition, with several new sections to improve its use as a quick and comprehensive reference. New updated edition of a landmark text that surveys the principles and practice of evidence-based orthodontics. Offers practical strategies for professionals to incorporate EBO in their daily practices. Presents brief summaries of the best evidence for a wide range of clinical topics. Incorporates information from over 400 systematic reviews, listed by topic.

Non-syndromic cleft lip and palate patients have the most common congenital anomalies that affect the middle and lower part of the face, and which impair aesthetic integrity. These anomalies also affect basic functions such as hearing, speaking, chewing, and breathing. Treatment of patients with cleft lip and palate requires multidisciplinary teamwork. The cleft child should be followed and treated by a team of experts from different disciplines who work well together. Although cleft surgery, orthodontic treatment, and speech therapy are the main disciplines, each of the other branches (maxilla-facial-surgeon, otolaryngologist, speech therapist, pediatric dentist, psychologist, nurse etc.) are also very important. In this book, we wanted to present the reader with the experiences and knowledge of some of these disciplines. This book also includes information on the quality of life of children with this anomaly and anesthesia evaluation, which is very important for the cleft surgery.

Introducing the Atlas of Complex Orthodontics, a revolutionary new text with step-by-step instructions for treating today's toughest orthodontic cases. Over 1,500 full-color clinical photographs, radiographs, and illustrations present each phase of treatment in this atlas-style guide, starting with the pre-treatment work-up, continuing through the treatment sequence, and ending with the final results. Drs. Ravindra Nanda and Flavio Uribe cover the latest techniques for managing moderate to severe orthodontic problems, including the use of temporary anchorage devices and the "surgery-first" orthognathic approach, to ensure you stay ahead of the curve in the ever-changing field of orthodontics. A standardized, atlas-style presentation for each case takes you through the pre-treatment intraoral, extraoral, and smile analysis; the diagnosis and case summary (including the problem list and treatment plan); a brief discussion of the treatment options; the treatment sequence and biomechanical plan; and the final results. UNIQUE! Over 1,500 high-quality photographs, radiographs, and line drawings illustrate the stages of treatment for a wide range of complex orthodontic problems to help improve understanding. Discusses moderate to severe orthodontic problems, including: vertical problems; anterior-posterior problems; transverse problem; missing maxillary lateral incisors; impacted teeth; and surgical correction of dentofacial deformity. Multidisciplinary approach to treatment helps you draw appropriately from multiple disciplines, redefine problems outside of normal boundaries, and reach solutions based on a new understanding of complex situations. Coverage includes the "surgery-first" orthognathic approach (SFOA), a timesaving procedure in the combined orthodontic-surgical approach to selected cases of prognathism. Highly regarded lead author, Dr. Ravindra Nanda, is Chair, Department of Orthodontics at University of Connecticut and widely known in the field of orthodontics. Addresses the use of temporary anchorage devices (TADs) in correcting different types of malocclusion. Orthodontics is a fast developing science as well as the field of medicine in general. The attempt of this book is to propose new possibilities and new ways of thinking about Orthodontics beside the ones presented in established and outstanding publications available elsewhere. Some of the presented chapters transmit basic information, other clinical experiences and further offer even a window to the future. In the hands of the reader this book could provide an useful tool for the exploration of the application of information, knowledge and belief to some orthodontic topics and questions.

*From Basics to 3-D Imaging
Biomechanics and Esthetic Strategies in Clinical Orthodontics
Treatment and Stability
Esthetics and Biomechanics in Orthodontics - E-Book
Current Treatment of Cleft Lip and Palate
Applications of Orthodontic Mini Implants*

This guide to fixed appliance-based orthodontics is designed to serve as a comprehensive 'how to' manual. With the aid of a wealth of superb illustrations, instruction is provided on all aspects of fixed appliance treatment, including bracket placement and positioning, archwire selection and engagement, use of auxiliaries, placement of fixed retainers, and wire bending. The supporting text presents important information underpinning the selection of attachments and mechanics, emphasising the relative merits and demerits of the various approaches with appropriate use of key referencing. It will offer detailed support on the use of fixed orthodontic appliances for undergraduates and postgraduates and those starting with practical orthodontic treatments, while providing a valuable refresher and reference for more experienced clinicians.

Open-Bite Malocclusion Treatment and Stability John Wiley & Sons

Chronic inflammation such as seen in periodontitis and its bidirectional influence on the systemic health has been of increased interest for a decade. In this text book, we have explored the biological and genetic pathways by which periodontal diseases may influence these disease processes and vice versa. Occlusal rehabilitation using the MEAW technique for the effective treatment of class II deep bite malocclusion and the timely management of cleft lip and palate to benefit the holistic welfare of the patient are presented here. The book addresses the development of bioinspired functionally graded dental restorative materials and also a simulation method that can improve clinical durability and enhance the functional capability of the dentition and indirect prostheses. In conclusion, various pathways for the promotion of oral health with evidence-based concepts are considered.

The second edition of the popular Handbook of Orthodontics continues to offer readers a highly accessible introduction to the subject of clinical orthodontics. Comprehensive and compact, this book is ideal for dental undergraduates, postgraduate students of orthodontics and orthodontic therapists, as well as general dental practitioners with an interest in the field. Portable format makes the book ideal for use as an 'on-the-spot' quick reference Provides comprehensive coverage of clinical orthodontics ranging from diagnosis and treatment planning through contemporary removable and fixed appliances to cleft lip and palate Covers the scientific basis of orthodontics in detail with particular focus on embryology, craniofacial development, growth and the biology of tooth movement Presents over 500 illustrations and photographs - many previously unpublished - to help explain and illustrate specific points Chapters fully updated throughout to reflect the recent advances in evidenced-based practice and new areas of knowledge, particularly in digital imaging, appliance systems and craniofacial biology Ideal for all members of the orthodontic community, ranging from junior post-graduate trainees to experienced practitioners Also suitable for senior dental undergraduates considering a career in orthodontics A new chapter on evidence-based medicine explains how to assess clinical research correctly and appraise the literature Covers new appliance systems in orthodontics, including customized appliances and aligners Expanded selection of clinical cases for each class of malocclusion, including over 100 new figures New 'pull out' boxes summarize the best available clinical evidence, making quick reference and learning even easier Important references are highlighted and their impact explained in the bibliography

LINGUAL ORTHODONTICS

Controversies in Clear Aligner Therapy

Temporary Anchorage Devices in Clinical Orthodontics

Contemporary Orthodontics

Orthognathic Surgery

Current Approaches in Orthodontics

The scope of OMF surgery has expanded; encompassing treatment of diseases, disorders, defects and injuries of the head, face, jaws and oral cavity. This internationally-recognized specialty is evolving with advancements in technology and instrumentation. Specialists of this discipline treat patients with impacted teeth, facial pain, misaligned jaws, facial trauma, oral cancer, cysts and tumors; they also perform facial cosmetic surgery and place dental implants. The contents of this volume essentially complements the volume 1; with chapters that cover both basic and advanced concepts on complex topics in oral and maxillofacial surgery.

Accompanying CD-ROM contains ... "an 'average' template and larger and smaller 'normal' templates ... Also provided are instructions for the digital application of the templates to accommodate skulls of all sizes."--Page ix.

Comprehensive textbook on facial development, orthodontic diagnosis and treatment planning. Includes complementary MCQs booklet and contributions from leading international experts.

This book provides information on the current technological developments and new concepts in orthodontic treatment procedures.

The main concepts of the book are scope innovations in accelerated tooth movement, new developments such as corticotomy, microperforations (MOP), piezosicion, photobiostimulation, laser in orthodontics, chemical agents, as well as complications and risks. The book contains interdisciplinary managements involving surgery first, cleft lip and palate therapy, orthognathic surgery, and obstructive sleep apnea. This internationally-recognized specialty is continuing to experience advancements in technology, instrumentation, and treatment methods.

Lingual Orthodontics

Fundamentals of Orthognathic Surgery

Handbook of Orthodontics

Principles in Contemporary Orthodontics

A Textbook of Advanced Oral and Maxillofacial Surgery

Early-age Orthodontic Treatment

This book is the first evidence-based evaluation of the present limitations and controversies in clear aligner therapy. It discusses problems in software, mechanotherapy, attachment optimization, interceptive treatment, the mandibular advancement appliance, complex movements, interproximal reduction, extraction therapy, deep bite/open bite correction, finishing, and overcorrection. Unlike current available texts on clear aligner therapy, this book features a nonpartisan, critical analysis of the problems of the technique and demonstrates their clinical implications. Unique solutions to the current limitations of clear aligner therapy are presented, and systematic strategies and protocols for addressing a vast range and complexity of malocclusions commonly confronted by practitioners are introduced. The book helps orthodontists, dentists, dental students, dental educators, technicians, and bioengineers to investigate prevailing misconceptions, and to address significant controversies and dilemmas in clear aligner therapy.

This latest addition to the Dental Update books series provides a clear and thorough guide to contemporary orthodontic principles and practice. Written as a highly practical clinical manual, it covers patient assessment, diagnosis and treatment planning of both standard class malocclusions and specific entities such as impacted teeth, digit sucking habits and asymmetries, as well as appliance techniques,

complex and multidisciplinary care, and retention. Orthodontics: Principles and Practice is written by a range of international specialists in the field. It is an essential guide to the subject for dentists seeking to improve their knowledge of orthodontics, as well as dentistry students and trainee orthodontists. Key features • Covers the full process of orthodontic treatment from initial patient assessment to post-treatment stability • Provides up to date, evidence based and clinically relevant information • Presented in a clear practical format for use as a clinical manual • Written by international orthodontic specialists • Highly illustrated in full colour throughout

This is a comprehensive textbook written for the predoctoral dental student. Samir E. Bishara and the other contributors present the fundamentals of orthodontics in 30 chapters divided into six sections: Growth and Development; Diagnosis; Appliances; Treatment and Treatment Considerations; Other Aspects Related to Treatment; and Orthodontics and Adjunct Treatment. Case examples relate the concepts to clinical applications and make the text appealing and useful. Comprehensive coverage of the fundamentals of orthodontics, including general embryology; approaches to the diagnosis of different malocclusions; how orthodontic appliances work; surgical orthodontics and temporomandibular disorders. More than 20 renowned contributors allow the reader to learn from today's leading orthodontic experts, including Thomas Graber, Eugene Roberts, and A.E. Athanasiou. Provides a detailed approach of how to examine an orthodontic case, diagnose and differentiate between simple and more complex problems. More than 960 illustrations visually demonstrate case examples from start to finish - clinical applications come to life!

This is a unique and comprehensive, but concise illustrated operative manual for surgical and orthodontic consultants and trainees as well as for theatre and ward staff. It also describes in detail the current state of computerised cephalometry and contains up-to-date sections on imaging and surgical planning. Some important sections include: Secondary management of clefts (including the role of distraction osteogenesis); rhinoplasty surgery; temporomandibular joint ankylosis; nutrition; the important psychopathological aspects of orthognathic surgery, where the borderland between aesthetics and cosmesis can destabilise the patient and create unexpected problems for the clinician; and there is a unique section on the multistage planning process, which provides an increased understanding of the accuracy of record transfer and the challenges of rigid internal fixation.

Principles, Planning and Practice

Retention and Stability in Orthodontics

Open-Bite Malocclusion