

History Of Orthodontics 1st Edition

Comprehensive, cutting-edge content addresses contemporary orthodontic practice! Orthodontics: Current Principles and Techniques, 7th Edition provides an evidence-based approach to orthodontic diagnosis, treatment planning, and clinical techniques, including esthetics, genetics, temporary anchorage devices, aligners, technology-assisted biomechanics, and much more. New to this edition are seven chapters, covering topics like AI, maxillary expansion in adults, Class II correctors, and autotransplantation. Newly authored chapters on orthognathic surgery and the craniofacial team, the periodontal-orthodontic interface, interdisciplinary treatment, and accelerated tooth movement, among others, address current perspectives. The 7th edition comes with access to an enhanced eBook version, which includes videos and additional visuals to show concepts difficult to explain with words alone. Readers can also find additional, online-only chapters and a fully searchable version of the text. Respected editors Lee Graber, Katherine Vig, and Greg Huang are joined by new editor P á dhraig Fleming, along with expert contributors from around the world. This text provides the most current and comprehensive collection of orthodontic knowledge, making it the go-to book for orthodontic residents and practitioners! Comprehensive coverage provides a one-stop resource for the field of orthodontics, including foundational theory and the latest on the materials and techniques used in today ’ s practice. Experienced, renowned editors lead a team of expert, international contributors to provide the most authoritative clinical practice and supporting science from the best and brightest in the industry. More than 3,400 images include a mixture of radiographs, full-color clinical photos, and anatomic or schematic line drawings, showing examples of treatment, techniques, and outcomes. Detailed, illustrated case studies show the decision-making process, highlighting the consequences of various treatment techniques over time. Extensive references make it easy to look up the latest in orthodontic research and evidence-based information, and all references also appear online. Enhanced ebook, included with every print purchase, features a fully searchable version of the text and bonus online-only chapters, instructional videos, and more. NEW! Seven chapters cover topics such as AI, maxillary expansion in adults, Class II correctors, and autotransplantation. Newly authored chapters on aligners, orthognathic surgery, the periodontal-orthodontic interface, interdisciplinary and computer-assisted treatment, temporary anchorage devices, and accelerated tooth movement, among others, address current perspectives. UPDATED! Relevant literature and evidence-based practices are featured throughout the text. NEW! Additional photos and illustrations visually reinforce key concepts and procedures.

Orthodontics at a Glance is part of the highly popularat a Glance series. It provides a concise and accessibleintroduction and revision aid. Following the familiar, easy-to-useat a Glance format, each topic is presented as a double-pagespread with key facts accompanied by clear diagrams encapsulatingessential knowledge. Structured over four sections, Orthodontics at a Glancecovers: Craniofacial growth and development Diagnosis and treatment planning The management of malocclusion Treatment techniques Orthodontics at a Glance is the ideal companion for allstudents of dentistry, junior clinicians and those working towardsorthodontic specialization. In addition the text will providevaluable insight for general dental practitioners wanting to updatetheir orthodontic knowledge, orthodontic nurses, therapists andtechnicians.

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.

This is a major new work dedicated to the increasingly prominent area of adult orthodontics. Written by renowned contributors from the orthodontic community and beyond, and compiled by a world-class editor, it provides an authoritative resource on the subject, marrying together clinical guidance with a thorough evaluation of the evidence base. The opening chapters provide the context for adult orthodontics, including patient demographics and aetiology, and the book goes on to detail treatment planning considerations, including patient case profiles, suggesting initial outcomes and longer term expectations. Interdisciplinary and multidisciplinary approaches are discussed, including the links between adult orthodontics and periodontics, prosthetics and temporomandibular disorders. The book is accompanied by a website containing further examples of case studies and a wealth of clinical images. Set to become the gold standard resource on the subject, this book will be invaluable to all those providing orthodontic treatment to adults and those dealing with orthodontics as part of the inter-disciplinary management of the adult dentition. KEY FEATURES • A major new work on an expanding area of orthodontic treatment • Covers patient demographics, aetiology, treatment planning and maintenance issues • Includes case studies, suggesting realistic and optimal short and long term outcomes • Highly illustrated with full colour clinical photos • Accompanied by a website with further material: www.wiley.com/go/melsen

The Golden Age of Orthodontics

A Case-Based Review

Decline and Aftermath

Orthodontics at a Glance

Current Principles and Techniques

Fixed Orthodontic Appliances

Written by experts in the field, this essential atlas provides a comprehensive discussion of the safest, fastest, and most efficient evidence-based orthodontic and dentofacial orthopedic treatments. Leading clinicians provide information on innovative methods and materials--including the twin block technique, the functional magnetic system, the interarch compression through reviews of diagnostic principles, preventive orthodontics, early treatment options, implants, functional therapeutic methods, and treatment planning for mandibular distraction osteogenesis. Instructive color photographs and illustrations accompany clinically relevant case studies that demonstrate key techniques and long-term treatment results.Highlights: discussions of guided extraction and functional orthopedics The biomechanics of orthodontic therapy for fixed and removable appliances Discussion of anchorage control and septal arch mechanics The latest methods for solving tooth-size discrepancies, morphologic variations, and recrowding in the lower anterior segment 1260 drawings, radiographs, and photos--

dentists and maxillofacial surgeons, Orthodontic and Dentofacial Orthopedic Treatment is crucial reading for every orthodontist and orthodontic student.This textbook makes an excellent contribution for the orthodontists and orthodonstic students.--Hellenic Orthodontic Review 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 treatment outcomes, an account of the changes, and review questions for each case

"This book describes the current digital technology that is used in orthodontics, including volume and surface scanning, 3D printing, CAD software, and artificial intelligence, before delving into a "design it yourself" guide presenting the application of this technology in all aspects of orthodontic treatment"-- Integrated Clinical Orthodontics provides an important new resource on the clinical interactions between the practice of orthodontics and other areas of clinical dentistry and medicine. Having at its heart the paradigm of patient-centred care, the book not only integrates the knowledge, skills, and experience of all the disciplines of dentistry and medicine, but also e diagnosis and a comprehensive treatment plan. Presented in a highly visual and practical format, Integrated Clinical Orthodontics uses clinical case presentations to illustrate the rationale and application of the integrated approach to a variety of clinical scenarios. Integrated Clinical Orthodontics covers areas of complexity in clinical orthodontics, specifically the role of the team. The book outlines and details the management of congenital orofacial deformities, sleep disorders, esthetic smile creation and temporomandibular joint problems, and additionally and importantly includes specific protocols for effective communication with experts in other specialties.

Diagnosis and Treatment

The Masters of Functional Orthodontics

Orthodontics

History of Orthodontics

Digital Planning and Custom Orthodontic Treatment

An Historical Review of Its Origin and Evolution, Including an Extensive Bibliography of Orthodontic Literature Up to the Time of Specialization

First multi-year cumulation covers six years: 1965-70.

Orthodontic diagnosis and treatment planning -- Dental impressions and study cast trimming -- Dental cast analysis in the mixed dentition -- Radiographic analysis -- Lingual and palatal arches -- Incisor liability and leeway space -- Management of anterior cross bites -- Management of posterior cross bites

-- Management of incisor diastemas -- Molar up-righting and space gaining -- Orthodontic examination and decision making for the family dentist -- How orthodontic appliances move teeth -- The edgewise fixed appliance -- Retention appliances -- Orthodontic materials.

History of OrthodonticsJP Medical Ltd

Wiley-Blackwell's Clinical Cases series is designed to recognize the centrality of clinical cases to the profession by providing actual cases with an academic backbone. Clinical Cases in Orthodontics applies both theory and practice to real-life orthodontic cases in a clinically relevant format. This unique approach supports the new trend in case-based and problem-based learning, thoroughly covering topics ranging from Class I malocclusions to orthognathic surgery. Highly illustrated in full color, Clinical Cases in Orthodontics' format fosters independent learning and prepares the reader for case-based examinations.

Textbook for Orthodontic Therapists

Current Concepts and Techniques

Contemporary Orthodontics

With a Selected Bibliography of Orthodontic History

Clinical Cases in Orthodontics

Self-ligating Brackets in Orthodontics

An humors, colorful look at Orthodontics by two long time artists in the Midwest.

Digital Planning and Custom Orthodontic Treatment offers a thorough overview of digital treatment planning as it relates to custom orthodontic treatment. Covers 3D imaging of the dentition and the face with intraoral scanners, CBCT machines, and 3D facial scanners Provides a complete guide to using digital treatment planning to improve the predictability, efficiency, and efficacy of orthodontic treatment Discusses

CAD/CAM fabrication of appliances and the monitoring of treatment progress and stability Offers detailed descriptions for the main commercial systems on the market Presents clinically oriented information to aid in yielding high quality and stable results

Comprehensive specialist manual covering the science and practice of functional appliance therapy Integrates clinical and academic elements with emphasis on evidence-based research and its clinical application Suitable for trainee and practicing orthodontists Includes more than 600 photographs to enhance clarity of topics covered Features contributions from top clinicians and researchers in the field

William R. Profit, 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.

The History of Orthodontics Through Time & Space

Orthodontics: A Practical Approach

A Practical Guide

A clinical guide for the orthodontist

Integrated Clinical Orthodontics

Orthodontics: Diagnosis and Management of Malocclusion and Dentofacial Deformities, E-Book

Written in question-answer format this book provides a quick thorough review of the essentials of orthodontics. The presentation is systematic throughout the book and the basic concepts, procedures and practices have been succinctly explained through highlighted points, revision boxes, self-explanatory flowcharts, line-illustrations and tables. The book has been written keeping in mind the dual purpose of providing mode of answering any type of questions in university exams and simultaneously preparing the students to face competitive exams. About the Author : - Sridhar Premkumar BDS, MDS, Assistant Professor, Department of Orthodontics, Tamilnadu Government Dental College and Hospital, Chennai, India.

This evidence-based book, featuring contributions from world-renowned experts, discusses in detail the functional anatomy of the temporomandibular joint as well as the aetiology, diagnosis, treatment and medicolegal implications of patients with temporomandibular disorders (TMD).Despite advances in our understanding of the aetiology of TMD and in developing current treatment rationales, a number of issues remain controversial. These include the extent to which the temporomandibular joint should be a central focus of orthodontic diagnosis and treatment, as well as the role that occlusion and malocclusion play in precipitating TMD symptoms. Indeed, few subjects in dentistry and the speciality of orthodontics are open to as many interpretations or misinterpretations as TMD. This textbook provides clinical orthodontists with essential information and guidance that will assist them in understanding and effectively managing this complex multilayered problem. Throughout, clear clinical guidelines are presented on the basis of current scientific and clinical evidence. TMD and Orthodontics will be a highly valuable chairside resource for orthodontists everywhere.

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 todays 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 new, up-to-date resource focuses on correcting malocclusion or misalignment of the teeth using the preadjusted orthodontic appliance, widely accepted as the most reliable and effective appliance in orthodontics. Extensively illustrated with line diagrams and color photographs, it serves as a practical manual of clinical procedures for orthodontists with clear coverage of each stage of treatment. Spanish version also available, ISBN: 84-8174-598-7

Orthodontic and Dentofacial Orthopedic Treatment

TMD and Orthodontics

Orthodontics in the Vertical Dimension

DIY Orthodontics

Orthodontics - E-Book

Design it Yourself

"A comprehensive introduction to the biological principles of orthodontics. This book covers the why, when and how of orthodontics, enabling readers to identify which individuals need to be treated, to diagnose based on individual dentofacial development, and to understand the mechanical principles and tissue responses involved."--Provided by publisher.

Recent Advances in Dentistry is a monographic series focused on new developments in the field of dental medicine. The scope of the book series covers all aspects of the field including orthodontics, dental surgery, prosthodontics, forensic dentistry, evidence based medicine and much more. Each volume of the series is themed around a specialty area in dentistry and brings together contributions written and reviewed by professional experts. The book series is essential reading to dental residents in training as well as biomedical researchers. Orthodontic Biomechanics describes the mechanics behind the treatment of complex orthodontic cases using clear aligners. The volume explains a variety of complex malocclusions including increased teeth crowding, spacing, overjet, overbite, open bite, major jaw discrepancies, underbite and much more. Simplified treatment planning methods based on thorough diagnoses have also been devised by the authors for the benefit of the readers. Shortening orthodontic treatment time by careful diagnosis, planning based on understanding of orthodontic biomechanics is also discussed in addition to comparisons of jaw cases where surgery is more useful. Orthodontic Biomechanics is a useful guide for the use of clear aligners in a wide array of cases encountered by orthodontists in their daily dental practice.

This book introduces the concepts of orthodontics to undergraduate students. Beginning with an introduction to, and the history of, orthodontics, this textbook continues with facial development, orthodontic diagnosis, treatment planning and much more. A separate chapter dedicated to preclinical orthodontics deals with the rationale, armamentarium and step by step wire bending procedure. Management of different types of malocclusion is described, with case records to support the text. Written by leading international experts, this book contains over 2,000 high quality photographs and illustrations, as well as numerous tables, flow charts and boxes. A complementary booklet MCQs in Orthodontics contains over 2,300 multiple choice questions to help with revision and viva voce preparation.

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

Atlas of Orthodontic Case Reviews

Orthodontic Biomechanics: Treatment of Complex Cases Using Clear Aligner

Textbook of Orthodontics

Handbook of Orthodontics

Preadjusted Edgewise Fixed Orthodontic Appliances

Evidence-Based Orthodontics

Text is a translation of the Italian edition, Maestri dell'Ortodonzia Funzionale, c2003. Presents a comprehensive historical look of functional orthodontic therapy and biographies of its founding fathers. Features numerous archival photos and illustrations, many of them published for the first time.

Who Was Who in Orthodontics is the culmination of some fifteen years of researching orthodontic history. Books, journals, newspapers, manuscripts, newsletters, and oral histories were culled for information to build the most complete collection of references yet available. This book consists of two main features: (1) biographies of more than 100 orthodontic history (Part I) and (2) references to the literature of orthodontic history covering a 100-year span (Parts II and III). No longer does the researcher need the date of death to locate an obituary, because the entries are arranged alphabetically, in a style that permits quick access to the significant features of the individual's life. Each source of information, if amplification or verification is desired. The history references are arranged both by subject and by author, and are not limited to the three- or four-decade window currently imposed by on-line sources. Although hard copy sources are not thus restricted, they can be accessed only on a year-to-year basis. Finally, a list of names is provided in Part IV, for those who like their orthodontic history in a capsule.

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 the use 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. Provides 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. Discusses various 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.

Self-Ligation in Orthodontics is a major new text that reviews, analyses and clarifies the currently available peer-reviewed evidence on a number of applications of this technology, espousing diverse perspectives to make this a unique scientific resource on self-ligation.

Systemized Orthodontic Treatment Mechanics

Essential Orthodontics

Bibliography of the History of Medicine

Self-Ligation in Orthodontics

Essentials of Orthodontics

Adult Orthodontics

Textbook for Orthodontic Therapists is a comprehensive text specifically designed for orthodontic therapists. Written in an accessible and digestible format, it provides the essential clinical and theoretical knowledge needed for daily clinical practice. Covering learning outcomes required by the examining bodies and the General Dental Council (GDC), it includes topics such as common types of orthodontic appliances, frequently found orthodontic problems, skeletal assessment and classification of malocclusion. It also contains information on subjects relevant to the dental profession for example medical emergencies, clinical governance and more. Written to help the reader understand the role and function of an orthodontic therapist, Textbook for Orthodontic Therapists offers support to those undertaking the Diploma in Orthodontic Therapy and to assist those who already work as orthodontic therapists, helping them in their quest to enhance safe and effective care.

Offering advantages in design, efficiency, treatment time, and retention, self-ligating brackets have become a major part of modern orthodontic practice. Self-Ligating Brackets in Orthodontics: Current Concepts and Techniques summarizes all information and clinical studies on these popular systems, integrating them with the authors' practical, hands-on experience. From materials and mechanics, to diagnostic and therapeutic principles, to step-by-step treatment techniques, the book is a visual guide and compendium to this groundbreaking field.Special Features: Provides more than 1,500 outstanding color photographs that show the sequence of steps for all procedures involving self-ligating brackets Objectively evaluates the advantages and disadvantages of commercially available self-ligating bracket systems to help you make the best choices for your patients Covers the full scope of treatment, including oral hygiene, adhesive techniques, biomechanics, aesthetic choices, retention and stability, and more Includes multiple case studies as well as information on risks and pitfalls, practical tips, and clinical pearls that aid in decision-making and reinforce every concept Written by a team of international specialists, this book is essential for all practitioners who want to keep up with the latest developments in self-ligating brackets, expand their services, and offer state-of-the-art treatment techniques. It will teach beginners how to use the method and experienced orthodontists how to successfully incorporate this highly popular technique into their practices.

Explore the possibilities of preadjusted edgewise appliances in orthodontics with this essential resource Preadjusted Edgewise Fixed Orthodontic Appliances: Principles and Practice comprehensively covers the increasingly popular preadjusted edgewise technique in orthodontics. The book integrates clinical practice and research findings, focusing on the biomechanics and clinical management of patients with preadjusted edgewise appliances. A unique learning resource for specialists and trainees in orthodontics, the book is highly illustrated and broad in scope, covering everything from informed patient consent to clinical techniques to information about how to manage patient malocclusions. Core topics include: A thorough introduction to the principles of treatment planning, orthodontic biomechanics, anchorage, informed patient consent, and the dentolegal aspects of orthodontic treatment An exploration of the preadjusted edgewise appliance, including bracket design, bracket placement, orthodontic bonding and debonding, archwires, mini-implants (TADs) and auxiliaries Comprehensive description of the stages of treatment with preadjusted edgewise appliances, including alignment and levelling, controlled space closure, finishing and retention Information on the management of the major malocclusions (Class II, Class III, anterior open bite, deep overbite and transverse problems) with preadjusted edgewise appliances Perfect for postgraduate dentists undergoing specialist training in orthodontics, specialist practitioners, and hospital consultant orthodontists, Preadjusted Edgewise Fixed Orthodontic Appliances: Principles and Practice will also be useful to dentists with a special interest in orthodontics, orthodontic therapists, and orthodontic nurses who seek a comprehensive manual of the most popular fixed orthodontic appliance technique. The is the only book that describes the decline of the golden age of orthodontics -- how a group of affluent professionals came face-to-face with threats to their status quo, how the group belatedly dealt with them, and how these forces left an indelible mark. Although the decline had been overcome by the late 20th century, today's practitioner must now cope with new challenges. Author Bio: A native of Chicago and a West Point graduate, Norman Wahl was commissioned in the U.S. Army Quartermaster Corps in 1946. After 3 years of service, he worked in the film studios, later producing two documentary films on the history of Los Angeles. He finally decided on a career in dentistry, specializing in orthodontics. In addition to a BS degree from the US Military Academy, Dr Wahl has a DDS from the University of Illinois College of Dentistry, an MS in orthodontics from Northwestern University, and an MA in history from California State University at Northridge. He has written for the military and lay presses as well as for dental publications, mostly on orthodontic history. He is the author of Oral Signs and Symptoms, Wahl's Oral Histories, Who Was Who in Orthodontics with a Selected Bibliography of Orthodontic History, and articles in the American Journal of Orthodontics and Dentofacial Orthopedics (including the 16-chapter series, "Orthodontics in 3 Millennia"), the Angle Orthodontist, the Journal of Clinical Orthodontics, Dental Economics, and the Pacific Coast Society of Orthodontists Bulletin. He has also taught orthodontic history at the UCLA College of Dentistry. Dr Wahl lives with his wife, Betty, in Sequim, Washington, and divides his time between writing, freelance copyediting, and playing the piano for local retirement homes. Golden Age is an outgrowth of his master's thesis (CSUN, 1997). Having started his practice in 1963, he considers himself an eyewitness to the decline. Keywords: Orthodontics, Orthodontists, Golden Age, History, Decline, Dentists, Dentistry, Braces, Baby Boom, How-To

Current Catalog

Principles and Practice

Temporary Anchorage Devices in Clinical Orthodontics

Orthodontic Functional Appliances

To which is Added an Account of the Diseases which Affect Children During the First Dentition...

The Natural History of the Human Teeth..

This case-based clinical text is an exhaustive review of orthodontic problems in the vertical dimension and evidence-based guidelines for successful diagnosis and treatment. A total of 21 cases address dental deep bites, skeletal deep bites, dental open bites, skeletal open bites, and posterior open bites. Each case includes pre-treatment, interim, and post-treatment orthodontic records, as well as references to provide a solid evidence base for decision making. Written with a clinical focus, Orthodontics in the Vertical Dimension is ideal for the practicing orthodontist and makes an excellent resource for residents in pursuit of board certification.

The second edition is expanded and rejuvenated with a greater focus on PG students, orthodontic educators, UG students and practitioners. The book covers entire panorama of science and clinical practice of orthodontics, from basics to clinical, presented in 58 chapters organised in 15 sections. The information is provided in-depth, literature supported, complimented with real life scenarios and case reports. A special effort has been made to include structured information on subjects of relevance which are much talked about but found only in journals. Contains a balanced blend of texts, graphics, boxes and clinical case reports encountered in clinical practice A comprehensive coverage of cephalometric radiology, ethnic norms and advances in three-dimensional imaging A detailed step by step approach to orthodontic treatment with contemporary fixed appliances, from diagnosis to finishing Provides an up-to-date information on topics of day-to-day relevance such as epidemiology of malocclusion and orthodontic indices, psychological aspects of orthodontics, debonding, care and maintenance of occlusion after orthodontic treatment Presents updated information on temporary anchorage devices (TAD), impacted and transposed teeth, inter-disciplinary treatment, management of cleft lip and palate and orthognathic surgery Emerging fields such as surgically facilitated rapid tooth movement, distraction osteogenesis and obstructive sleep apnoea (OSA) are included with up-to-date clinically relevant information Includes Companion Website containing procedural videos

An essential guide to the theoretical and practical clinical information on different aligner techniques in orthodontics Aligner Techniques in Orthodontics is filled with the theoretical and practical clinical information on the popular aligner techniques with a focus on Invisalign. Written by practicing orthodontists and noted experts on the topic, the book is designed to help practitioners develop their skills in using aligners in orthodontics. The authors describe in detail the clear and simple methods for treating patients using different aligner techniques, as well as material on treating any given malocclusion. The book is filled with descriptive illustrations and includes helpful suggestions and ideas for implementing the various aligner techniques. This important guide: Provides theoretical and practical clinical information on different aligner techniques including Invisalign Offers clear and simple methods to treat patients using different aligner techniques Explains how to use clear aligners to treat a given malocclusion Written by two renowned experts in Invisalign Align and Invisalign technology Written for practicing orthodontists and general dentists, Aligner Techniques in Orthodontics provides an invaluable resource for practicing orthodontists.

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

Theory and Practice

Who was who in Orthodontics

Aligner Techniques in Orthodontics

Orthodontics is a sub-specialty of dentistry that deals with the treatment of misaligned teeth. This book describes the history and evolution of orthodontics. Beginning with an introduction to the history of dentistry in general, the following chapters look at the history of orthodontics in different parts of the world, including the USA, UK and parts of Europe. The following sections describe the evolution of key aspects within orthodontics including cephalometrics, removable and fixed appliances and cleft palate. Separate chapters are dedicated to the contributions of eminent inventors in the field. The development of more recent advances in orthodontics such as invisalign and dental lasers is also covered. This book includes more than 180 photographs, tables and illustrations, as well as extensive references for further reading. Key points Guide to the history and evolution of orthodontics Dedicated chapters cover developments in the USA, UK and Europe More recent advances in orthodontics are included Extensive references for further reading