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Clinical Manual of Contact Lenses

Designed to be used as a quick reference, this fourth edition of the Clinical Manual of Contact Lenses allows readers to easily find the topic and information they need without having to search through an entire chapter to find it. Rigid gas permeable lens design and fitting, soft lens problem-solving, astigmatic management, and bifocal correction are just a few of the subjects covered in this manual. Each chapter includes sample cases to reinforce and demonstrate the practical nature of the topic, with nomograms and proficiency checklists summarizing and emphasizing the important points. With this guide, students and practitioners will have a dependable resource to help fit, evaluate, and troubleshoot any contact lenses, especially specialty designs for years to come.

Clinical Manual of Contact Lenses

Thoroughly revised and updated--and now in full color for the first time--this manual is a complete, current, and convenient "how-to" guide to fitting, evaluating, and troubleshooting contact lenses, particularly specialty contact lens designs. The book is the perfect quick reference to consult during a patient's examination and a user-friendly study guide for boards. Each chapter includes clinical cases, nomograms, and a proficiency checklist. This edition has over 200 new illustrations, including 169 full-color photographs. Coverage includes new information on silicone hydrogels, disposable lenses, and new lens designs, materials, and care systems, as well as significant updates on clinical topics such as orthokeratology and bifocals. The contributors represent sixteen schools and colleges of optometry.

Contact Lens Complications

A widely popular option for vision correction, contact lenses are also useful for the treatment of many serious optical disorders. Like any therapeutic tool, however, they have both positive and negative effects, and a variety of complications can result from their use. Diagnosing and treating these complications and injuries - which sometimes mimic eye diseases - can be complex. Drawing on more than 25 years of knowledge and experience, CONTACT LENS COMPLICATIONS is the first text to provide a practical, comprehensive overview of the eye injuries caused by wearing contact lenses. This book is filled with hundreds of outstanding, full-color illustrations of problems associated with contact

lenses, including eyelid lesions, eye tears, hygiene complications, and lens accidents. You will learn how to confidently manage these problems and effectively distinguish them from common ophthalmic diseases. Additionally, the book covers: treatment guidelines; patient examination and counseling; types of contact lenses available today; common lens fitting and wearing problems; and much more!- More than 450 exquisite color photographs and illustrations to facilitate quick injury/disease diagnosis- Meticulous, step-by-step techniques for eye examination- Easy-to-understand terminology, even to those new to contact lens patient care- Clear and concise disease prevention guidelines- Practical patient management tips

CONTACT LENS COMPLICATIONS gives medical professionals factual, clear, current information on the injuries and complications caused by wearing contact lenses. Essential for anyone involved in vision care, this authoritative and eminently practical work is certain to become a key resource in the field.

Contact Lens: Fitting Guide

This book is a concise guide to contact lens fitting for optometrists and trainees. Beginning with an introduction to contact lenses and the pre-contact lens fitting eye examination, making sure a patient is suitable for wearing contact lenses, the following chapters describe the fitting of different types of corrective lens – soft, toric and rigid gas permeable. Separate chapters examine the use of therapeutic contact lenses, used to protect the eye whilst it heals after injury or infection, rather than to correct vision; and lenses for presbyopia, age-related long-sightedness. Key points

Concise guide to contact lens fitting for optometrists and trainees
Detailed discussion on pre-contact lens fitting eye exam and patient suitability
Describes various types of corrective lenses
Includes chapters on therapeutic lenses and contact lenses for presbyopia

Manual of Contact Lens Prescribing and Fitting

Part I. Basic Concepts -- 1. Anatomy and Physiology -- 2. Anterior Segment Disease and Contact Lenses -- 3. Examination and Instrumentation -- 4. Patient Selection new -- 5. CL optics new -- Part II. Gas-Permeable lenses -- 6. Gas-Permeable Lens Design and Fitting -- 7. Gas-Permeable Lens Fitting and Eyelid Geometry -- 8. Gas-Permeable Lens Fluorescein Patterns -- 9. Gas-Permeable Lens Materials -- 10. Modification and Verification -- 11. Gas-Permeable Lenses for Astigmatism -- 12. Gas-Permeable Lens Care and Patient Education -- 13. Gas-Permeable Cases -- Part III. Soft Lenses -- 14. Soft Lens Design, Fitting, and Physiologic Response -- 15. Soft Lens Materials -- 16. Soft Contact lenses and the Tear film -- 17. Soft Contact Lenses for Astigmatism -- 18. Soft Contact Lens Care and Patient Education -- Part IV. Extended wear -- 19. Gas-Permeable Extended Wear and Complications -- 20. Soft Extended Wear and Complications -- Part V. Special Topics -- 21. Dry Eyes and Contact Lenses -- 22. Monovision and Bifocals -- 23. Translating Bifocals -- 24. Keratoconus -- 25. Post-Penetrating Keratoplasty -- 26. Aphakia -- 27. Refractive Surgery and Contact Lenses -- 28. Pediatric Contact Lenses -- 29. Orthokeratology -- 30. Colored lenses -- 31. Scleral lenses -- Appendix A: Extended Keratometer Range with +1.25 D and -1.00 D Lenses -- Appendix B: Vertex Conversion Table of Plus and Minus Powers -- Appendix C: Keratometer Conversion (Diopter to Millimeters).

Contact Lenses

Completely revised with the latest advances, evidence, and standards needed for everyday practice, *Contact Lenses*, 6th Edition, remains a definitive work on this multi-faceted topic, ideal for optometrists, dispensing opticians, ophthalmologists, and contact lens practitioners. This classic, superbly designed text is perfectly suited for health care professionals, providing all of the essential knowledge needed in one convenient volume. Provides up-to-date, authoritative information on contact lens materials and lens types, treatment in contact lens and tear film complications, and myopia correction and contact lenses for abnormal ocular conditions. Discusses current topics such as miniscleral lenses, keratoconus, corneal cross linking, and paediatric, cosmetic and prosthetic contact lenses. Contains high-quality line diagrams and clinical illustrations to highlight key points in the text. Focuses on the evidence behind contact lens practice, enabling you to make informed choices about the care you give to your patients.

Contact Lenses in Ophthalmic Practice

Even with the advances in intraocular lens technology and the growing diversity of refractive surgery techniques, the role of contact lenses in ophthalmic practice has only increased. This is due in part to the great strides in materials, technology, expanding applications (both refractive and therapeutic)

for contact lenses, and the clear recognition that contact lenses will always be an important tool for the ophthalmologist. With the fitting of contact lenses as a medical art, requiring a thorough understanding of anatomy, physiology and optics of the eye, this practice is formulaic only in part. The rest of contact lens practice requires sound medical judgment and decision-making that comes only with "hands-on" experience. The authors address this need by starting with a didactic approach that incorporates frequently-asked questions and straightforward answers so that the ophthalmology resident, intermediate contact lens practitioner, and optometrist will find this to be an indispensable resource.

Contact Lenses

This practical book covers the basics of contact lens terminology, care, solutions, fitting principles, patient education, and the management of aftercare problems for rigid and soft contact lenses. * - Covers the basics of contact lens terminology, care, solutions, fitting principles, patient education, and the management of aftercare problems for rigid and soft contact lenses. * - Practical emphasis *

Fitting Guide for Rigid and Soft Contact Lenses

Updated and revised, the 4th Edition of this reader-friendly reference presents straightforward guidelines for proper contact lens fitting. Covering today's full range of contact lens types, it also explores how to manage some of the major complications of contact lens wear. Devoid of extraneous optical theory, it focuses on the "hands-on" information that readers need to know in order to provide complete well-eye care. Uses a reader-friendly, easy-to-understand writing style that makes correct fitting techniques easy to understand and apply. Includes tips on unusual fitting procedures, such as toric fitting and bifocal fitting. Contains guidance on advanced fitting techniques for keratoconus, toric lenses, and tinted contact lenses. Offers valuable appendices of conversion tables, compensation values, drugs commonly used in ophthalmology, and more. Covers all the latest topics, including refractive surgery and the use of contact lenses, bifocal contact lenses, disposable contact lenses, and the newest rigid gas-permeable lenses. Contains a wealth of new chapters addressing corneal topography, contact lens wear and ocular allergy, AIDS and contact lenses, and other timely subjects. Includes a wealth of new illustrations that demonstrate key principles and techniques. Features a new co-editor, Dr. Melvin Freeman--past president of the Contact Lens Association of Ophthalmologists. Presents a new appendix that translates commonly asked questions and instructions into more than 12 different languages, facilitating communication with non-English-speaking patients.

Clinical Contact Lens Practice

This comprehensive text and reference addresses the full scope of contemporary contact lens science and practice. With two expert editors and 100 first-rate contributors, the book presents practitioners and students in optometry and ophthalmology with key facts on corneal anatomy, recent research, contact lens design, patient evaluation, clinical applications, patient education, and complications of contact lens wear. More than 600 illustrations complement the text. Clinical Contact Lens Practice will be the standard text for required contact lens courses and will be an invaluable everyday reference for practitioners.

Soft Contact Lenses

In this thoroughly revised and updated third edition of Contact Lens Practice, award-winning author, researcher and lecturer, Professor Nathan Efron, provides a comprehensive, evidence-based overview of the scientific foundation and clinical applications of contact lens fitting. The text has been refreshed by the inclusion of ten new authors – a mixture of scientists and clinicians, all of whom are at the cutting edge of their specialty. The chapters are highly illustrated in full colour and subject matter is presented in a clear and logical format to allow the reader to quickly hone in the desired information. Ideal for an optometrist, ophthalmologist, orthoptist, optician, student, or work in the industry, this book will serve as an essential companion and guide to current thinking and practice in the contact lens field. Highlights of this edition include a new chapter on myopia control contact lenses, as well as completely rewritten chapters, by new authors, on keratoconus, orthokeratology, soft and rigid lens measurement and history taking.

Contact Lens Practice E-Book

A major new series which provides authoritative and accessible information for all eye care professionals, whether in training or in practice. Each book is a rapid revision aid for students taking higher professional qualifications and a handy clinical reference guide for practitioners in busy clinics.

Soft Lens Fitting

Two well-respected eyecare specialists, Dr. Walter J. Zinn and Dr. Herbert Solomon, offer important tips and sound medical advice on how to prevent, treat or correct eye-related problems for the visually-dependent 1990s. Computers at work and home, video games, cable-TV, CD-ROM and all the high-tech equipment available today may produce a lot of fun and communicate plenty of information, but they create one negative side effect: eye strain. This book authoritatively offers the best defense, with timely suggestions on how to maintain better eyesight. Written in easy-to-understand language, you will learn of the latest treatments, surgeries and eyewear available.

Contact Lenses

This book summarizes current understanding of the scientific, clinical, and technical issues surrounding the use of contact lenses. It discusses the special occupational conditions experienced by military personnel, particularly in extreme environments, that give rise to the question of whether or not to use contact lenses. Experts in optometry, ophthalmology, visual psychophysics, and engineering describe recent developments in design and use; and representatives of the military services provide examples of actual situations in aerospace settings. Considerations in Contact Lens Use Under Adverse Conditions will be of particular interest to those involved in the design of contact lenses and those responsible for occupational safety and health matters in the private sector.

Complete Guide to Eyecare, Eyeglasses & Contact Lenses

This title is directed primarily towards health care professionals outside of the United States. The 3rd edition of Contact Lens Optics & Lens Design provides a straightforward introduction and offers solutions to the vast majority of contact lens optics problems likely to be encountered in practice. This edition has been thoroughly updated and contains integral coverage of soft lenses, information on the latest corneal measuring techniques, and expanded coverage of astigmatism and corneal toricity. It includes a new chapter on presbyopia and separate treatment of orthokeratology. Also included on the CD-ROM, is a set of invaluable computer programs, which allow the users to bypass tedious calculations in arriving at best fits. Offers solutions to the vast majority of contact lens optics problems Includes a companion CD-ROM with calculators to resolve fitting problems Revised, expanded, and updated computer programs on CD-ROM New two-color design throughout Color plate section Integral coverage of soft and RGP lenses In-depth information on mean thickness and harmonic mean thickness Discussion of the latest corneal measuring techniques Wavefront aberrations Soft toric lenses discussed in detail New chapter on presbyopia correction and soft lens bifocal design Coverage of orthokeratology and other cutting-edge techniques

Considerations in Contact Lens Use Under Adverse Conditions

The Contact Lens Manual continues to meet the needs of a new generation of optometrists, dispensing opticians, contact lens practitioners and students who require clear and reliable information for fitting a complete range of contact lenses. The fourth edition of this best-selling classic, now in full colour throughout, provides the most up-to-date guidance in all aspects of today's lenses in a practical and easy to use manual. Featuring new developments in lens types, care regimes and current practices, this manual offers a complete package to help readers expand their lens knowledge, improve fitting and optimise patient care. The authors use a down-to-earth practical approach to distil years of experience into one handy volume. A bullet point style makes the information easily accessible. Key information is presented so it can be quickly located. Practical tips, clinical pearls, helpful advice, and warnings are presented in boxes so readers can see at a glance what to do. Features updates to all chapters and lens types with a wealth of new information on silicone hydrogels, toric soft lenses, rigid gas-permeable fitting and patient after care. Presents a new chapter on dry eyes with expert guidance on treatment and practical management advice. Includes an expanded illustration programme and page design with full colour throughout including colour-coded sections and boxes to highlight key information for easier learning.

Contact Lens Optics and Lens Design

The International Society for Contact Lens Research has reached its 31st year having become a preeminent source of research assessment and direction for its members. To the extent that ISCLR's meetings are also "think tanks," their influence extends beyond a small membership. The elements necessary to assess the current field at each meeting; and its deficiencies and future directions using the input of 100+ participants are the subjects for this book. Its formation and continuance through ophthalmologists, optometrists, manufacturers, and academics in many fields is the adhesive which have kept this a vibrant organization.

The Contact Lens Manual E-Book

Color illustrated manual designed for ophthalmologists planning to start a contact lens practice. Emphasis is on the medical aspects although all aspects of contact lens practice relevant to the ophthalmologist are included. Ready-reference appendices. Annotation copyrighted by Book News, Inc., Portland, OR

International Society For Contact Lens Research

Designed especially for the busy practitioner, this book offers concise, easy-to follow instructions for fitting each type of specialty contact lens. Useful appendices cover basic fitting, lens care and dispensing, modification, complications, liability, and malpractice.

Contact Lenses in Ophthalmology

Contemporary Scleral Lenses: Theory and Application, provides comprehensive information about scleral lenses. Chapters of this volume have been contributed by renowned scleral lens experts and cover a variety of interesting topics. These topics include the history and evolution of scleral lenses, basic scleral lens structure, optics and customizable features of scleral lenses, analysis of ocular surface shape, ocular surface topography and advances in optometry technology. These topics give readers an explanation of how to utilize diagnostic equipment in optometry practice and enables practitioners to employ a scientific and objective approach to scleral lens fitting. Key features of this volume include: - A straightforward approach to ophthalmic examination flow, evaluation and documentation - A review of Scleral lens care and handling - Descriptions of a variety of complex medical and ocular indications for scleral lenses - Strategic tips to promote your own scleral lens practice - A unique perspective of esteemed corneal specialists regarding the collaborative care of the patient This textbook is a suitable reference for ophthalmology students and practitioners. This text will assist practitioners in enhancing their scleral lens practice by providing them useful information for improving patient vision, ocular surface rehabilitation and quality of life.

Contact Lens Practice

The first text devoted exclusively to this topic! A widely popular option for vision correction, contact lenses are also useful for the treatment of many serious optical disorders. Like any therapeutic tool, however, they have both positive and negative effects, and a variety of complications can result from their use. Diagnosing and treating these complications and injuries - which sometimes mimic eye diseases - can be complex. Drawing on more than 25 years of knowledge and experience, Contact Lens Complications is the first text to provide a practical, comprehensive overview of the eye injuries caused by wearing contact lenses. This book is filled with hundreds of outstanding, full-color illustrations of problems associated with contact lenses, including eyelid lesions, eye tears, hygiene complications, and lens accidents. You will learn how to confidently manage these problems and effectively distinguish them from common ophthalmic diseases. Additionally, the book covers: treatment guidelines; patient examination and counseling; types of contact lenses available today; common lens fitting and wearing problems; and much more! More than 450 exquisite color photographs and illustrations to facilitate quick injury/disease diagnosis Meticulous, step-by-step techniques for eye examination Easy-to-understand terminology, even to those new to contact lens patient care Clear and concise disease prevention guidelines Practical patient management tips Contact Lens Complications gives medical professionals factual, clear, current information on the injuries and complications caused by wearing contact lenses. Essential for anyone involved in vision care, this authoritative and eminently practical work is certain to become a key resource in the field.

Why Wear Glasses If You Want Contacts?

It provides a comprehensive and clinically based guide to visual optics. With its suggested routines and numerous examples, this new book offers a straightforward "how to approach" to the understanding of clinical optics, refraction and contact lens optics. Designed for easy access, it presents information in a concise format that highlights key, need-to-know points. Part 1 addresses the basic visual optics of the eye along with emmetropia, ametropia and the correction of ametropia with spectacle lenses. Part 2 turns to the optics of contact lenses and the use of contact lenses in vision correction. Numerous worked examples based on real examination questions Practical and user friendly text Over 190 clear line diagrams An essential passport to examination success and a valuable quick reference for practitioners

Specialty Contact Lenses

Completely revised with the latest advances, evidence, and standards needed for everyday practice, Contact Lenses, 6th Edition, remains a definitive work on this multi-faceted topic, ideal for optometrists, dispensing opticians, ophthalmologists, and contact lens practitioners. This classic, superbly designed text is perfectly suited for health care professionals, providing all of the essential knowledge needed in one convenient volume. Provides up-to-date, authoritative information on contact lens materials and lens types, treatment in contact lens and tear film complications, and myopia correction and contact lenses for abnormal ocular conditions. Discusses current topics such as miniscleral lenses, keratoconus, corneal cross linking, and paediatric, cosmetic and prosthetic contact lenses. Includes NEW online access to ExpertConsult, with calculators and simulation programs for scleral lens fitting, sagittal values, soft toric mislocation, front vertex power, orthokeratology and rigid lens design, and more. Contains high-quality line diagrams and clinical illustrations to highlight key points in the text. Focuses on the evidence behind contact lens practice, enabling you to make informed choices about the care you give to your patients. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

Contemporary Scleral Lenses: Theory and Application

This manual provides basic, practical contact lens information that allows you to gain the knowledge, understanding and skills necessary to perform contact lens fitting.

Contact Lens Complications

This is a clinical guide to the aetiology, appearance, cause and management of complications associated with contact lens wear. The information is presented so that the practitioner or student can view a complication as seen in the consulting room, define its cause and finally determine management.

Clinical Optics and Refraction

The new 2nd edition of this practical manual has been completely updated and revised to reflect the most current knowledge, research findings, technological developments, and updates in contact lens materials. With its broad coverage and systematic approach, it provides an intuitive approach to understanding, diagnosing, and treating contact lens complications. This lavishly illustrated text is recognized as a definitive resource on contact lens for practitioners and students.

Fitting Guide for Hard and Soft Contact Lenses

This book addresses how to prevent adverse ocular effects when fitting contact lenses, and how to manage and treat ocular disease with specialized contact lenses. Key terms and clinical pearls are presented in each chapter. Chapter topics include Microbial Infection in Contact Lens Wear, Dry Eyes, Soft Lens Extended Wear, RGP Extended Wear, and more.

Contact Lenses

This work looks at the history of contact lenses which spans over almost 500 years. It is based on past historical works, scientific papers and journal articles. It looks at both the modern disposable lens as well as the hard and soft lenses that came before.

Contact Lenses

A good understanding of the optical principles behind contact lenses and their surface design is essential for successful contact lens fitting. This book provides an ideal introduction and in clear and

straightforward terms covers the topics in order to increase the awareness of what is being attempted and what can be achieved in clinical practice. Essential reading for all undergraduate optometry students, 'Contact Lens Optics and Lens Design Second Edition' is also intended to extend the abilities of contact lens practitioners in coping with the problems of everyday contact lens fitting.

Complications of Contact Lens Wear

Balanced, critical and informative, this contemporary new text appraises the very latest information on silicone-hydrogel contact lenses. At the forefront of leading research and practice, this book examines new silicone-hydrogels as safe and effective way to correct myopia. This is truly the rebirth of the extended wear contact lenses.

Contact Lens Complications

* Part of a successful series published originally in Optician and on www.optometryonline.net * Highly illustrated in full colour throughout * Specially designed and prepared * Practical approach * Builds from basics and covers recent developments in contact lens practice

A Clinical Guide to Soft Contact Lenses

Malpractice and Contact Lenses

Fitting Guide for Rigid and Soft Contact Lenses

Updated and revised, the 4th Edition of this reader-friendly reference presents straightforward guidelines for proper contact lens fitting. Covering today's full range of contact lens types, it also explores how to manage some of the major complications of contact lens wear. Devoid of extraneous optical theory, it focuses on the "hands-on" information that readers need to know in order to provide complete well-eye care. Uses a reader-friendly, easy-to-understand writing style that makes correct fitting techniques easy to understand and apply. Includes tips on unusual fitting procedures, such as toric fitting and bifocal fitting. Contains guidance on advanced fitting techniques for keratoconus, toric lenses, and tinted contact lenses. Offers valuable appendices of conversion tables, compensation values, drugs commonly used in ophthalmology, and more. Covers all the latest topics, including refractive surgery and the use of contact lenses, bifocal contact lenses, disposable contact lenses, and the newest rigid gas-permeable lenses. Contains a wealth of new chapters addressing corneal topography, contact lens wear and ocular allergy, AIDS and contact lenses, and other timely subjects. Includes a wealth of new illustrations that demonstrate key principles and techniques. Features a new co-editor, Dr. Melvin Freeman--past president of the Contact Lens Association of Ophthalmologists. Presents a new appendix that translates commonly asked questions and instructions into more than 12 different languages, facilitating communication with non-English-speaking patients.

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Manual of Contact Lens Prescribing and Fitting

Part I. Basic Concepts -- 1. Anatomy and Physiology -- 2. Anterior Segment Disease and Contact Lenses -- 3. Examination and Instrumentation -- 4. Patient Selection new -- 5. CL optics new -- Part II. Gas-Permeable lenses -- 6. Gas-Permeable Lens Design and Fitting -- 7. Gas-Permeable Lens Fitting and Eyelid Geometry -- 8. Gas-Permeable Lens Fluorescein Patterns -- 9. Gas-Permeable Lens Materials -- 10. Modification and Verification -- 11. Gas-Permeable Lenses for Astigmatism -- 12. Gas-Permeable Lens Care and Patient Education -- 13. Gas-Permeable Cases -- Part III. Soft Lenses -- 14. Soft Lens Design, Fitting, and Physiologic Response -- 15. Soft Lens Materials -- 16. Soft Contact lenses and the Tear film -- 17. Soft Contact Lenses for Astigmatism -- 18. Soft Contact Lens Care and Patient Education -- Part IV. Extended wear -- 19. Gas-Permeable Extended Wear and Complications -- 20. Soft Extended Wear and Complications -- Part V. Special Topics -- 21. Dry Eyes and Contact Lenses -- 22. Monovision and Bifocals -- 23. Translating Bifocals -- 24. Keratoconus -- 25. Post-Penetrating Keratoplasty -- 26. Aphakia -- 27. Refractive Surgery and Contact Lenses -- 28. Pediatric Contact Lenses -- 29. Orthokeratology -- 30. Colored lenses -- 31. Scleral lenses -- Appendix A: Extended Keratometer Range with +1.25 D and -1.00 D Lenses -- Appendix B: Vertex Conversion Table of Plus and Minus Powers -- Appendix C: Keratometer Conversion (Diopter to Millimeters).

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Clinical Manual of Contact Lenses

Up to date, easy to use, and well-illustrated, Clinical Manual of Contact Lenses, 5th Edition, helps both students and practitioners fit, evaluate, and troubleshoot contact lens issues in everyday practice. Written by renowned experts in the field, this practical guide is designed for quick access to key information, and includes sample cases, nomograms, and proficiency checklists that summarize and emphasize important points. Thoroughly revised content ensures you'll have the most current guidance on rigid gas permeable lens design and fitting, soft lens problem solving, orthokeratology, bifocal correction, and much more.

Essential Contact Lens Practice

* Part of a successful series published originally in Optician and on www.optometryonline.net * Highly illustrated in full colour throughout * Specially designed and prepared * Practical approach * Builds from basics and covers recent developments in contact lens practice

Fitting Guide for Hard and Soft Contact Lenses

Thoroughly revised and updated, this popular book provides a comprehensive yet easy to read guide to modern contact lens practice. Beautifully re-designed in a clean, contemporary layout, this second edition presents relevant and up-to-date information in a systematic manner, with a logical flow of subject matter from front to back. This book wonderfully captures the 'middle ground' in the contact lens field ... somewhere between a dense research-based tome and a basic fitting guide. As such, it is ideally suited for both students and general eye care practitioners who require a practical, accessible and uncluttered account of the contact lens field. Outlines a rational clinical approach to modern contact lens fitting - practical advice for the clinic and the classroom Logical structure and systematic layout, with relevant chapters grouped into coherent sections for easy reference Up-to-date for accurate information Chapters are contextualised through cross-referencing - helping to reflect the relative importance of different topics Provides an 'historical time line' of contact lens development and explains the current global situation Explains how contact lenses are fabricated, designed, manufactured and measured Reviews the scientific principles that underpin the clinical application of contact lenses New chapter on daily disposable contact lenses. Contributing authors comprising optometrists, ophthalmologists, dispensing opticians, industry experts, researchers and clinicians – all of whom are true international leaders in their sub-specialty areas. Many new line diagrams and clinical photographs to illustrate, inform and explain the concepts outlined in the text. Special consideration is given to the most popular lens replacement systems – daily, two-weekly and monthly. Extensive appendices to assist chair-side decision making in everyday practice. Efron Grading Scales for Contact Lens Complications. Evidence-based approach with numerous up-to-date references at the end of each chapter.

Contact Lens Practice E-Book

Designed especially for the busy practitioner, this book offers concise, easy-to follow instructions for fitting each type of specialty contact lens. Useful appendices cover basic fitting, lens care and dispensing, modification, complications, liability, and malpractice.

Specialty Contact Lenses

The Contact Lens Manual has become established as one of the world's leading practical textbooks in the field of contact lenses for both students and experienced practitioners alike. Free CD-Rom by Tony Hough included with publication Fully revised and updated New and expanded sections

Manual of Contact Lens Prescribing and Fitting

Now in its thoroughly revised, updated Second Edition, this manual is a complete, current, and convenient "how-to" guide to fitting and caring for contact lens patients. The book is the perfect quick reference to consult during a patient's examination and a user-friendly study guide for boards. Sections on rigid ("hard") and hydrogel ("soft") lenses cover selection, fitting, lens care and patient education, verification, and problem-solving. A Challenging Cases section covers keratoconus, post-surgical fitting, orthokeratology, astigmatism, bifocal contact lenses, extended wear, aphakia, and management of lens-associated pathology. Each chapter includes clinical cases, nomograms, illustrations, and a Clinical Proficiency Checklist.

The Contact Lens Manual

This book is a comprehensive guide to the complete field of contact lenses for optometrists and ophthalmic assistants. Beginning with an introduction to the evolution of contact lenses and the relevant anatomy and physiology, the following chapters explain the different types of contact lenses, materials and fitting, and lens solutions. Chapters dedicated to the use of contact lenses with certain ocular conditions such as astigmatism, keratoconus and aphakia, are also included. The final sections discuss complications associated with wearing contact lenses and also the fitting of lenses after refractive surgery. The fifth edition has been fully revised to provide the very latest information and features images, diagrams and tables to enhance learning. Key Points Comprehensive guide to contact lenses for optometrists and ophthalmic assistants Fully revised new edition providing latest information in the

field Covers all types of contact lenses and potential complications Includes use of lenses with specific ocular disorders and after refractive surgery

Clinical Manual of Contact Lenses

This practical book covers the basics of contact lens terminology, care, solutions, fitting principles, patient education, and the management of aftercare problems for rigid and soft contact lenses. * - Covers the basics of contact lens terminology, care, solutions, fitting principles, patient education, and the management of aftercare problems for rigid and soft contact lenses. * - Practical emphasis *

Textbook of Contact Lenses

In this thoroughly revised and updated third edition of Contact Lens Practice, award-winning author, researcher and lecturer, Professor Nathan Efron, provides a comprehensive, evidence-based overview of the scientific foundation and clinical applications of contact lens fitting. The text has been refreshed by the inclusion of ten new authors – a mixture of scientists and clinicians, all of whom are at the cutting edge of their specialty. The chapters are highly illustrated in full colour and subject matter is presented in a clear and logical format to allow the reader to quickly hone in the desired information. Ideal for an optometrist, ophthalmologist, orthoptist, optician, student, or work in the industry, this book will serve as an essential companion and guide to current thinking and practice in the contact lens field. Highlights of this edition include a new chapter on myopia control contact lenses, as well as completely rewritten chapters, by new authors, on keratoconus, orthokeratology, soft and rigid lens measurement and history taking.

Contact Lenses

Contemporary Scleral Lenses: Theory and Application, provides comprehensive information about scleral lenses. Chapters of this volume have been contributed by renowned scleral lens experts and cover a variety of interesting topics. These topics include the history and evolution of scleral lenses, basic scleral lens structure, optics and customizable features of scleral lenses, analysis of ocular surface shape, ocular surface topography and advances in optometry technology. These topics give readers an explanation of how to utilize diagnostic equipment in optometry practice and enables practitioners to employ a scientific and objective approach to scleral lens fitting. Key features of this volume include: - A straightforward approach to ophthalmic examination flow, evaluation and documentation - A review of Scleral lens care and handling - Descriptions of a variety of complex medical and ocular indications for scleral lenses - Strategic tips to promote your own scleral lens practice - A unique perspective of esteemed corneal specialists regarding the collaborative care of the patient This textbook is a suitable reference for ophthalmology students and practitioners. This text will assist practitioners in enhancing their scleral lens practice by providing them useful information for improving patient vision, ocular surface rehabilitation and quality of life.

Contact Lens Practice E-Book

A major new series which provides authoritative and accessible information for all eye care professionals, whether in training or in practice. Each book is a rapid revision aid for students taking higher professional qualifications and a handy clinical reference guide for practitioners in busy clinics.

The Complete Contact Lens Fitting Guide and Directory

This manual provides basic, practical contact lens information that allows you to gain the knowledge, understanding and skills necessary to perform contact lens fitting.

Contact Lenses

A major new series which provides authoritative and accessible information for all eye care professionals, whether in training or in practice. Each book is a rapid revision aid for students taking higher professional qualifications and a handy clinical reference guide for practitioners in busy clinics.

Contemporary Scleral Lenses: Theory and Application

Case presentations show appropriate fitting modalities, modifications, and medical therapeutic interventions. Separate sections on rigid gas permeable lenses and soft contact lens fitting are included

along with materials, designs, fitting philosophies, and case studies. Coverage includes scleral and prosthetic clinical evaluation, anterior segment problems, and fitting techniques for "difficult" cases like dry eye or pediatric patients. * Features specialized contact lens evaluation and fitting techniques, including keratoconus, post-refractive surgery, rigid and soft torics * Covers anterior segment complications due to contact lens wear * Provides therapeutic drug interventions

Rigid Gas-Permeable Lens Fitting

This comprehensive text and reference addresses the full scope of contemporary contact lens science and practice. With two expert editors and 100 first-rate contributors, the book presents practitioners and students in optometry and ophthalmology with key facts on corneal anatomy, recent research, contact lens design, patient evaluation, clinical applications, patient education, and complications of contact lens wear. More than 600 illustrations complement the text. Clinical Contact Lens Practice will be the standard text for required contact lens courses and will be an invaluable everyday reference for practitioners.

Contact Lenses

This unique resource demystifies the subject of orthokeratology and provides practical information for all those interested in the technique. Critical, balanced, and informative, it thoroughly evaluates the literature and evidence, gives sensible guidelines for practice, and features an international approach. This text is modern, comprehensive, and contains a wealth of color illustrations.

Soft Lens Fitting

Amphiphilic polymer co-networks (APCNs) are a type of polymeric hydrogel, their hydrophobic polymer segments and hydrophilic components produce less aqueous swelling, giving better mechanical properties than conventional hydrogels. This new class of polymers is attracting increasing attention, resulting in further basic research on the system, as well as new applications. This book focuses on new developments in the field of APCNs, and is organised in four sections: synthesis, properties, applications and modelling. Co-network architectures included in the book chapters are mainly those deriving from hydrophobic macro-cross-linkers, representing the classical approach; however, more modern designs are also presented. Properties of interest discussed include aqueous swelling, thermophysical and mechanical properties, self-assembly, electrical actuation, and protein adsorption. Applications described in the book chapters include the use of co-networks as soft contact lenses, scaffolds for drug delivery and tissue engineering, matrices for heterogeneous biocatalysis, and membranes of controllable permeability. Finally, an important theory chapter on the modelling of the self-assembly of APCNs is also included. The book is suitable for graduate students and researchers interested in hydrogels, polymer networks, polymer chemistry, block copolymers, self-assembly and nanomaterials, as well as their applications in contact lenses, drug delivery, tissue engineering, membranes and biocatalysis.

Clinical Manual of Specialized Contact Lens Prescribing

A comprehensive guide for practitioners, covering patient management, initial assessment, lens selection, and detailed fitting procedures for both basic and complex lenses. The importance of aftercare is emphasized, both in routine follow-up and for problems which may arise with long-term wear. Annotation copyrighted by Book News, Inc., Portland, OR

Clinical Contact Lens Practice

A widely popular option for vision correction, contact lenses are also useful for the treatment of many serious optical disorders. Like any therapeutic tool, however, they have both positive and negative effects, and a variety of complications can result from their use. Diagnosing and treating these complications and injuries - which sometimes mimic eye diseases - can be complex. Drawing on more than 25 years of knowledge and experience, Contact Lens Complications is the first text to provide a practical, comprehensive overview of the eye injuries caused by wearing contact lenses. This book is filled with hundreds of outstanding, full-color illustrations of problems associated with contact lenses, including eyelid lesions, eye tears, hygiene complications, and lens accidents. You will learn how to confidently manage these problems and effectively distinguish them from common ophthalmic diseases. Additionally, the book covers: treatment guidelines; patient examination and

counseling; types of contact lenses available today; common lens fitting and wearing problems; and much more! More than 450 exquisite color photographs and illustrations to facilitate quick injury/disease diagnosis Meticulous, step-by-step techniques for eye examination Easy-to-understand terminology, even to those new to contact lens patient care Clear and concise disease prevention guidelines Practical patient management tips Contact Lens Complications gives medical professionals factual, clear, current information on the injuries and complications caused by wearing contact lenses. Essential for anyone involved in vision care, this authoritative and eminently practical work is certain to become a key resource in the field.

Orthokeratology

This handy primer serves dual purposes. Unique among contact lens practice manuals, *Contact Lenses in Ophthalmic Practice* brings together the insight and experience of an ophthalmologist and an optometrist with the clinical experience and practical knowledge of the full spectrum of eye care professionals. Secondly, the book takes the old-fashioned approach of a primer (a practical, concise teaching manual) with the modern accessibility of FAQs (frequently asked questions). In both the authorship and the editorial approach, the book provides ophthalmology residents, optometry students, practitioners in both fields beginning or returning to contact lens practice, and technicians and assistants working in contact lens practices with the best of all possible tools. Guiding the novice step-by-step into an acquaintance with the terminology and practice of contact lenses, the authors approach questions as they arise in the "hands on" setting. The first half of the book walks the reader through the fundamentals of contact lens practice: nomenclature, indications, exam and fitting, and specific chapters on the newest and most widely dispensed lenses. The rest of the chapters cover therapeutic, cosmetic, and post-surgical lenses, as well as complications, infection control and HIV/AIDS related issues. Structured in a simple, clearly delineated fashion, *Contact Lenses in Ophthalmic Practice* provides the reader with rapid access to the solutions to a wide variety of clinical questions, both simple and complex. Certain to become dog-eared and battered from use in busy clinical practices, the book is certain to become an integral part of your ophthalmic "tool box." Book jacket.

contact lens use under adverse conditions

Interest in prescribing rigid gas permeable (RGP) contact lenses is on the rise, fueled by the increased use of orthokeratology, bifocal lenses, and advances in corneal topography (making fitting easier). This concise and comprehensive resource provides valuable coverage for the prescribing and fitting of RGP lenses. Based on the authors' years of expertise in fitting these lenses, this clinically oriented manual also includes a companion CD-ROM to illustrate the fitting techniques. Content focuses specifically on rigid gas permeable contact lenses so all the essential information needed for prescribing and fitting is in one, convenient resource. A companion CD-ROM illustrates the difficult fitting techniques encountered with RGPs.

Amphiphilic Polymer Co-networks

Completely revised with the latest advances, evidence, and standards needed for everyday practice, *Contact Lenses*, 6th Edition, remains a definitive work on this multi-faceted topic, ideal for optometrists, dispensing opticians, ophthalmologists, and contact lens practitioners. This classic, superbly designed text is perfectly suited for health care professionals, providing all of the essential knowledge needed in one convenient volume. Provides up-to-date, authoritative information on contact lens materials and lens types, treatment in contact lens and tear film complications, and myopia correction and contact lenses for abnormal ocular conditions. Discusses current topics such as miniscleral lenses, keratoconus, corneal cross linking, and paediatric, cosmetic and prosthetic contact lenses. Includes NEW online access to ExpertConsult, with calculators and simulation programs for scleral lens fitting, sagittal values, soft toric mislocation, front vertex power, orthokeratology and rigid lens design, and more. Contains high-quality line diagrams and clinical illustrations to highlight key points in the text. Focuses on the evidence behind contact lens practice, enabling you to make informed choices about the care you give to your patients. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

The Contact Lens Manual

This book summarizes current understanding of the scientific, clinical, and technical issues surrounding the use of contact lenses. It discusses the special occupational conditions experienced by military

personnel, particularly in extreme environments, that give rise to the question of whether or not to use contact lenses. Experts in optometry, ophthalmology, visual psychophysics, and engineering describe recent developments in design and use; and representatives of the military services provide examples of actual situations in aerospace settings. Considerations in Contact Lens Use Under Adverse Conditions will be of particular interest to those involved in the design of contact lenses and those responsible for occupational safety and health matters in the private sector.

Contact Lens Complications

Patient & lens selection; fitting specific lenses; tabular info. incl. vertex distance conversions sagittal depth.

Contact Lens Fitting

This reference discusses the unique management needs of pre- and post-surgical contact lens patients. Topics covered include corneal topography, contact lens applications in the care and treatment of aphakia, fitting therapeutic soft contact lenses, postkeratoplasty contact lens fitting and fitting contact lenses to keratoconic and refractive surgery patients. Throughout, key terms and clinical pearls highlight need-to-know facts.

Contact Lenses in Ophthalmic Practice

Manual of Gas Permeable Contact Lenses