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2021-2022 Basic and Clinical Science Course, Section 10: Glaucoma - Angelo P. Tanna 2021-10-30

Provides a comprehensive discussion of glaucoma, including epidemiology and the social and economic impacts of the disease; hereditary and genetic factors; intraocular pressure and aqueous humor dynamics; and clinical evaluation and surgical therapy.

SOCH - Simplified Ophthalmology Conceptual Handbook - Dr Utsav Bansal 2018-06-01

alient Features Fully updated and thoroughly revised edition 100+ New questions have been added from all recent exams up to PGI (May 2018) New Drugs and Recent Advances have been included New chapter on Community Ophthalmology has been added with emphasis on recent changes in policy by NPCB Chapter on Cornea has been completely updated Correlate boxes have been added as New Feature One Liners for quick revision at the end of each chapter Questions with important explanations have been given in Red color TIDE book - text which guides in the right direction

Clinical Optics and Refraction 313 Key Questions Answered - Fatemeh Heidary 2013-05-31

Clinical Optics and Refraction contains 313 multiple choice questions and short answers mostly referenced by current versions of the Basic and Clinical Science Course (BCSC) book series by the American Academy of Ophthalmology (AAO) in testing the current knowledge of the residents in optics and refraction. The book's clinical slant makes optics relevant to clinical practice and the answers reinforce the imperative points. The book's target audience are those planning to sit for different styles of postgraduate exams; from the American Board of Ophthalmology examinations or the OKAP, the British style examinations such as the MRCS and FRCS examinations as well as various formats of ICO assessments up to the final stage, FICO.

Basic and Clinical Science Course 1995-1996 - American Academy of Ophthalmology 1995

Basic Techniques of Ophthalmic Surgery - James P Dunn 2009-09-01

Ophthalmology Review Manual - Kenneth C. Chern 2012-02-20

This manual provides an organized reference to aid in management of clinical problems and preparation for board exams. A standardized outline format is used in order to emphasize relevant information and allow rapid retrieval of key points. Each section starts with anatomy and physiology—the essential framework for understanding the basis for the related diseases—and then summarizes specific disease entities in outline format, with major features highlighted. For quick reference over 200 specific disease entities are listed, along with corresponding page numbers, on the inside front cover of the book. Figures have been selected to demonstrate classic findings and to highlight important relationships. The manual covers all material listed in the OKAP Subject Outline published by the AAO.

Mindmaps in Ophthalmology - Abhishek Sharma 2015-03-27

Ophthalmology is a highly specialized field with complex conditions and a wide range of practitioners. This book provides an overview of clinical ophthalmology using the visually driven "mindmaps" format, a tool that summarizes topics with a logical pictorial structure to aid in memory retention. With Mindmaps in Ophthalmology, clinicians can obtain

Update on General Medicine - 2012-06-30

Kanski's Clinical Ophthalmology E-Book - Jack J. Kanski 2015-03-24

Kanski's Clinical Ophthalmology: A Systematic Approach is the classic specialty text providing the perfect ophthalmology foundation for trainees through to experienced practitioners. The famous visually dynamic and succinct format enables easy comprehension and focused guidance in the diagnosis and management of ophthalmic disorders. Build the ultimate foundation in ophthalmology with this market-leading resource. Benefit from guidance on examination, imaging, and the recognition of systemic conditions associated with ocular disease. Completely revised by award-winning ophthalmic educator Brad Bowling, the eighth edition reflects the latest advances, making this an indispensable resource to enhance learning, aid exam preparation and guide clinical practice. Designed for rapid reference and efficient recall, the concise but comprehensive chapters use crisp targeted text, bulleted lists, tables, and visual aids to highlight salient points across all ophthalmology subspecialties. Features detailed updates on key evolving topics such as the spectrum of macular disease, with many new disorders added to this edition across a range of subspecialties. Increased emphasis on practical investigation and management. Includes 2,600 illustrations, images and artworks, with over 900 brand new for this edition, including ultra wide-field imaging, fundus autofluorescence, and high-resolution OCT. Consult this title on your favourite e-reader.

Clinical Decisions in Neuro-ophthalmology - Ronald M. Burde 1992

Organized by symptom-rather than by known diagnosis-the new, 3rd Edition of this critically acclaimed resource simplifies the identification and treatment of a full range of neuro-ophthalmic conditions. Abundant decision trees and concise text discussions systematically guide readers from any presenting complaint through the appropriate tests to a definitive diagnosis. They also outline the most appropriate medical and surgical management approaches. Every chapter has been thoroughly updated to reflect the very latest information in the field. Decision trees have been simplified to make problem solving easier than ever before. A new, 52-figure full-color insert demonstrates recent advances in brain imaging. Coverage encompasses hot topics such as optic neuropathies visual illusions and hallucinations eyelid disturbances proptosis and periodic pain and headache.

Ophthalmology Review - Myron Yanoff 2019-01-31

This new edition provides ophthalmologists and trainees with the latest information and advances in their field. Presented in question and answer format, the book begins with discussion on optics and refraction, followed by genetics and embryology. The next chapters cover the diagnosis and management of disorders in different parts of the eye. The third edition has been fully revised and updated, and new topics added. Authored by a recognised team of experts led by Prof Myron Yanoff from Drexel University College of Medicine, Philadelphia, the text is further enhanced by clinical photographs and illustrations. Key points Comprehensive review of latest advances in diagnosis and management of ophthalmic disorders and diseases Presented in question and answer format, fully revised third edition with new topics added Internationally recognised author and editor team Previous edition (9789350255766) published in 2012 **2020-2021 BASIC AND CLINICAL SCIENCE COURSE (BCSC), SECTION 08** - ROBERT W. WEISENTHAL 2020

Intraocular Inflammation - Manfred Zierhut 2016-01-12

This well-structured and lavishly illustrated book is a comprehensive reference on intraocular inflammation that encompasses all anatomic forms, settings and etiologies. Individual sections are devoted to uveitis

associated with systemic disorders, uveitis syndromes restricted to the eye, bacterial uveitis, viral uveitis, fungal uveitis, parasitic uveitis, uveitis caused by other microbes, traumatic uveitis, and masquerade syndromes. Chapters on the different forms of uveitis are in a homogeneous reader-friendly format, with identification of core messages, explanation of etiology and pathogenesis, up-to-date information on diagnostics and differential diagnosis and guidance on the most appropriate forms of treatment and prognosis. Helpful flow charts are included to assist in identification of potential underlying disorders and the reader will also have online access to one hundred informative case reports demonstrating the different courses of intraocular inflammation. The authors are world experts keen to share their vast experience with the reader. Intraocular Inflammation will be a valuable resource for all physicians who deal with patients with inflammatory eye disease.

Lecture Notes on Ophthalmology - Bruce James 1997-01

Lecture Notes in Ophthalmology is a core text designed to meet the needs of medical students, junior doctors, optometrists and opticians who need a concise overview of this important subject. Lecture Notes on Ophthalmology begins with a brief introduction to the structure and function of the eye, which is integrated with the clinical science. With 17 chapters and now heavily illustrated with 50 full-colour line diagrams and more than 100 clinical photographs, this book concentrates on the most common eye problems that students and doctors can expect to diagnose and manage. Because the authors give each condition a highly structured description to facilitate easy access to information, they ensure, therefore, that the book is ideal for revision.

Basic Ophthalmology - Richard Cutler Allen 2016

The Pocket Guide to Medical Retina - J. HSU 2020-08-15

The latest installment in SLACK's Pocket Guide series, The Pocket Guide to Medical Retina provides essential information on medical retina diseases along with multimodal imaging of each condition, perfect for medical students, residents, fellows, or comprehensive ophthalmologists. This accessible small handbook covers the basics while allowing readers to quickly synthesize information easily related to clinical encounters. With over 300 high-resolution original figures, The Pocket Guide to Medical Retina is an image-heavy book with succinct text so information can be rapidly distilled. Drs. Jason Hsu and Allen Chiang have created the ultimate quick-summary pocket guide on retinal conditions including: Up-to-date figures, including spectral-domain optical coherence tomography and autofluorescence in addition to color fundus photos Macular diseases Retinal vascular diseases Infectious inflammatory diseases Noninfectious inflammatory diseases Retinal degenerations and dystrophies Pediatric retinal diseases Trauma-related retinopathies Drug-related retinopathies Peripheral retinal diseases Retinal and choroidal tumors With its portable size and plethora of useful information, The Pocket Guide to Medical Retina is a must-have for medical students up to practicing ophthalmologists.

Review of Ophthalmology E-Book - William B. Trattler 2012-01-05

Don't take chances with your exam prep! Trust Review of Ophthalmology to help you study all the current information you need to know to ace your exams! Efficiently review a wide spectrum of topics with an organization by common ophthalmologic subspecialties. Maximize retention with a popular outline approach that distills key information on each topic alongside sample review questions. Review the findings of many important clinical studies with which you are expected to be familiar. Test your understanding of essential information with questions at the end of each chapter and answers at the end of the book. Study on the go, search the complete text online, and download images at www.expertconsult.com. Be fully prepared for current exam topics with information on the latest techniques in corneal surgery, macular degeneration treatment and trials, and expanded treatment options for many sections. View anatomic details, common ophthalmic test findings, and examples of classic histopathology specimens through brand-new illustrations and photographs.

Clinical Neuro-Ophthalmology - Ulrich Schiefer 2007-09-11

This book covers all relevant techniques of diagnosis as well as interpretations of clinical signs in Clinical Neuro-Ophthalmology. All information is highly structured, highlighting 'definition', 'note' and 'pearl', so that it can also be used by the physician during the patient encounter. The included flow chart posters

remind the physician of the most important information. This unique and practical guide offers invaluable and practical advice for physicians treating patients with neuro-ophthalmic problems.

Lens and Cataract - Steven I. Rosenfeld 2007

This work reviews the anatomy, physiology, embryology, and pathology of the lens. Also provides an overview of lens and cataract surgery including wound construction, viscoelastics, posterior capsule opacification, and refractive considerations such as phakic IOLs and clear lens extraction. Core curriculum for residency programs and a definitive source of up-to-date clinical knowledge for practitioners.

Continually updated by a faculty of leading ophthalmologists in academia and practice, the BCSC draws on a solid foundation of scientific research and clinical experience.

Neuro-ophthalmology - Lanning B. Kline 1991

Clinical Optics - Andrew R. Elkington 1999-08-25

Written to help trainee ophthalmologists, this textbook is now the recognised text on optics for the examinations of the Royal College of Ophthalmologists and the Royal Surgical Colleges. It approaches the subject from first principles and assumes no previous knowledge of optics. The book has been kept as simple as possible and is liberally complemented with diagrams designed to be easily understood and memorised. Only the most fundamental and clinically useful mathematical formulae are quoted, and the optical principles are applied to clinical situations. Ophthalmology examinations have changed substantially since the last edition was written and a total rewrite of this essential guide has become necessary. The third edition has been made more comprehensive and detailed to keep up with these changes and incorporates three new chapters: refractive surgery, contact lenses and lasers. Other new material includes photometry, visual acuity, contrast sensitivity, colour vision, absorptive lenses, fluorescence, ultrasound, and the specular microscope.

Review Questions in Ophthalmology - Kenneth C. Chern 2004

Updated for its Second Edition, this question-and-answer review book offers a concise review of ophthalmology. It combines a review of basic ophthalmology with real-life clinical cases and multiple-choice questions with answers and explanations. More than 400 clinical photographs, fluorescein angiograms, and CT, MRI, and ultrasound images help readers master this visually oriented specialty. This edition has over 100 new full-color illustrations. Focusing on common diseases, the book covers all specialty rotations, plus key areas such as embryology, anatomy, pediatrics, plastics, and lenses. This edition includes new cases and information on new drugs, especially glaucoma drugs.

Refractive Management of Ametropia - Kenneth E. Brookman 1996

This comprehensive text is dedicated to the prescribing ophthalmic corrective lenses for common ametropias (myopia, hyperopia, and astigmatism) and presbyopia. The contributing authors, all leaders in the field, discuss the symptoms and signs of each type of ametropia and presbyopia and provide considerations and guidelines for prescribing corrective lenses. More than 40 clinical case studies illustrate the relation between patient symptoms and signs, significant diagnostic factors, and different management philosophies and approaches. Refractive Management of Ametropia also provides additional case studies with sample diagnoses and treatment plans to be used as practice exercises in patient assessment and treatment planning for different ametropias and presbyopia.

Ophthalmic pathology and intraocular tumors - American Academy of Ophthalmology 2009

Advances in Ophthalmology - Ashok Garg 2005

The editors of this book have compiled a major publication on the recent advances in ophthalmology. In the last decade the science of ophthalmology has made rapid strides - cataract surgery has improved with the development of new ultra small incision techniques, microphaco and the use of lasers, corneal and lens based refractive surgery now offers patients a range of treatments, and ophthalmic surgery itself is now elective in most cases. This major work provides 88 articles by internationally known contributors giving fully up-to-date information on developments within the diverse disciplines of ophthalmology. This book should be on the shelf of every major medical library and in the possession of every practising ophthalmologist. NB. It also contains a posthumous tribute to Dr. C. D. Kelman, the father of

phacoemulsification.

Fundamentals and Principles of Ophthalmology - Gerhard W. Cibis 2007

The Columbia Guide to Basic Elements of Eye Care - Daniel S. Casper 2019-07-01

This unique resource is a practical, easy-to-use guide for the non-ophthalmologist healthcare provider as they encounter patients with eye complaints and other concerning ophthalmic conditions. The Columbia Guide to Basic Elements of Eye Care is specifically designed with the non-ophthalmologist in mind, and provides a foundation of basic eye anatomy and physiology, functional analysis, pathology, and concepts in eye care. Each chapter delivers an accessible summary of various ophthalmic diseases and conditions, all of which are frequently encountered in everyday practice. These chapters provide in-depth discussions on a wide range of topics, from testing and examination procedures to management protocols, referral guidelines and expected frequency of follow-up for each disorder. Complete with hundreds of high-quality, descriptive illustrations and clinical photographs, The Columbia Guide to Basic Elements of Eye Care presents clear, understandable explanations of basic eye anatomy, physiology, disease and treatment for non-ophthalmic practitioners and students. In doing so, this guide provides a framework for determining the normal versus the abnormal, helping the reader recognize which patients require referral, and identify which conditions are developing, require urgent treatment, or can be routinely followed. Non-ophthalmologist healthcare providers and students alike will find this book, written by leaders in the field, a practical resource to consult as they encounter patients with treatable but potentially sight-threatening conditions.

Glaucoma Medical Therapy - P.A. Netland 2020-12-29

Clinical Decisions in Glaucoma - Elizabeth Hodapp 1993

Practical Ophthalmology - Preston H. Blomquist 2021

Practical Ophthalmology helps residents gain confidence and specific knowledge in the early transition to becoming skilled practitioners. This edition includes: 240 photographs, diagrams and tables, 20+ videos and interactive activities, stepwise instructions for 54 examination and testing techniques, a thorough coverage of the ophthalmic examination, common ocular medications and a comprehensive discussion of ocular emergencies.

Diagnostic Procedures in Ophthalmology - HV Nema 2014-05-30

New edition presenting latest developments in ophthalmic diagnostic procedures. Fully revised and many new chapters. Previous edition published in 2009.

The Wills Eye Manual - Nika Bagheri 2016-04-19

For more than 25 years, The Wills Eye Manual has been a best-selling source of authoritative guidance on treating ocular disorders in an office, emergency room, or hospital setting. The 7th Edition introduces exciting new changes to bring this pocket-sized reference thoroughly up to date - including high-quality multimedia content - while retaining the features that have made it so useful in daily practice.

Review of Ophthalmology E-Book - William B. Trattler 2016-12-20

Designed to maximize easy retention and quick recall, Review of Ophthalmology, 3rd Edition, by Drs. Neil J. Friedman, Peter K. Kaiser, and William B. Trattler, is the best-selling review book you can trust to get you successfully through your exams. An efficient, easy-to-digest format distills key information into highly relevant bullet points. You'll quickly master what you need to know in all subspecialty areas, including the latest information on today's standard diagnostic techniques, medical treatments, and surgical options. Covers the most important and relevant aspects of each topic in a concise, bulleted format for easy recall and effective exam preparation. Highlights the text with hundreds of clinical and histological images, OCT and other current imaging methods, anatomic details, common ophthalmic test findings, and more.

Presents the findings of key clinical studies with which you are expected to be familiar. Provides thoroughly revised content in every chapter, with extensive updates on new imaging standards and diagnosis and treatment for eye disorders. Test your understanding of essential information with an expanded collection of review questions following every chapter.

OphthoBook - Timothy Root 2009-07-01

OphthoBook is the printed version of the amazing OphthoBook.com online book and video series. The combination of this text, along with the online video lectures, creates the most informative and easy-to-understand ophthalmology review ever written. It is geared toward medical students, optometry students, and non-ophthalmologists who want to learn more about the eye without getting bogged down with mindless detail. The book is broken down into ten chapters: 1. Eye History 2. Anatomy 3. Glaucoma 4. Retina 5. Infection 6. Neuroophthalmology 7. Pediatric Ophthalmology 8. Trauma 9. Optics 10. Lens and Cataract Each chapter also includes "pimp questions" you might be asked in a clinic. Also, an entire chapter of ophthalmology board-review questions, flashcards, and eye abbreviations. Perhaps most useful, each chapter corresponds to the 20-minute video lectures viewable at OphthoBook.com. And lots of fun cartoons! **2017-2018 Basic and Clinical Science Course (BCSC): Complete Print Set** - American Academy of Ophthalmology 2017-07-30

Keep your ophthalmic knowledge current with the Academy's 2017-2018 Basic and Clinical Science Course (BCSC). BCSC is the most extensive compilation of ophthalmic scientific research and clinical experience, and it is continually updated by a faculty of more than 80 expert ophthalmologists. This unparalleled, all-encompassing 13-volume set enhances your clinical knowledge with numerous images, videos and self-assessment questions. The Complete Print Set includes each of the 13 individual BCSC sections plus a Master Index. Each of the 13 sections include up-to-date clinical knowledge, concise information and tables, self-assessment questions and answers, photos and illustrations. Most sections include access to online video demonstrations of clinical and surgical techniques. The videos can be viewed by scanning the QR codes within the books. Section 5 (Neuro-Ophthalmology), Section 8 (External Disease and Cornea), and Section 13 (Refractive Surgery) have been completed revised for the 2017-2018 edition.

Clinical Optics - Neal H. Atebara 2009

Oculoplastics and Orbit - Rudolf F. Guthoff 2006-01-27

- Enhanced target group: Ophthalmologists and plastic surgeons are potential buyers
- Indispensable for continuous education and advanced training
- All editors with international reputation and contributing authors with expertise on their topic
- Reader-friendly format: Well-structured text and design, quick and easy to read
- Richly illustrated with numerous tables and color photos
- Bridges the gap between primary literature and daily practice
- Every 2nd year each subject is covered with timely information about the new development in the specialized field

2016-2017 Basic and Clinical Science Course (BCSC) - 2016-06

The LASIK Handbook - Robert S. Feder 2013-03-26

The LASIK Handbook: A Case-Based Approach focuses on the approach to the patient and the planning of surgery rather than the technology. The beginning refractive surgeon is led through a series of cases in a progression from simple to more complex decision-making. Surgical planning and management of complications are taught in a manner that is commonly used in contemporary medical student training--providing cases that mimic real-world situations. New to this edition are more than 25 new cases to bring the total to over 100. A companion website provides surgical videos and an interactive online question bank for self-assessment. All chapters are completely updated, and new separate chapters have been on the new technologies in corneal topography, mechanical microkeratomes, femtosecond lasers, and excimer lasers; and International Perspectives.

Retina and Vitreous - American Academy of Ophthalmology 1989