

## Curbside Consultation In Glaucoma 49 Clinical Questions Curbside Consultation In Ophthalmology Second Edition By Gedde Md Steven J 2015 Paperback

The physical examination of the spine can be a complex topic for professionals with all levels of clinical experience. How can advance concepts be taught in a user-friendly, clear format, while still providing necessary information for effective diagnosis and treatment of the spine? *Musculoskeletal Examination of the Spine: Making the Complex Simple* by Drs. Jeffrey A. Rihn and Eric B. Harris answers these questions. Written by experts, this easy-to-carry book provides a thorough review of the most common pathologic spine conditions, techniques for diagnosis, as well as the appropriate treatment for each condition. *Musculoskeletal Examination of the Spine: Making the Complex Simple* contains clear photographic demonstrations, tables, and charts throughout its pages, allowing a thorough and concise examination of the spine. A Glance at some of what is covered inside:

- Physical Examination o Basics and specific tests of the examination of the cervical and thoracolumbar spine
- General Imaging o Basics of general imaging of the degenerative and traumatic injuries of the spine
- Common Conditions o Cervical spondylosis, Lumbar disk herniation, Diskitis and vertebral osteomyelitis of the spine, and more

*Musculoskeletal Examination of the Spine: Making the Complex Simple* contains essential information to successfully take a complex subject, and bring it to a level that will be welcomed by all orthopedic residents, attendings, physical therapists, athletic trainers, medical students in training, and other healthcare providers.

This title provides a point-of-care reference for busy clinicians who need the best evidence based answers to patient questions at their fingertips. Additionally, it guides clinicians through the complicated therapeutic management of IBD including drug initiation, medications side effects and complications, therapeutic level monitoring and accurate disease monitoring. Lastly, it addresses special situations such as alternative therapies, pregnancy, fertility, and lactation. *Inflammatory Bowel Disease: A Point-of-Care Reference Guide* will be a valuable reference for Gastroenterologists, Gastroenterology Fellows and Mid-Level Providers.

A practical guide to identifying risks in veterinary patients and tailoring their care accordingly *Pet-specific care* refers to a practice philosophy that seeks to proactively provide veterinary care to animals throughout their lives, aiming to keep pets healthy and treat them effectively when disease occurs. *Pet-Specific Care for the Veterinary Team* offers a practical guide for putting the principles of pet-specific care into action. Using this approach, the veterinary team will identify risks to an individual animal, based on their particular circumstances, and respond to these risks with a program of prevention, early detection, and treatment to improve health outcomes in pets and the satisfaction of their owners. The book combines information on medicine and management, presenting specific guidelines for appropriate medical interventions and material on how to improve the financial health of a veterinary practice in the process. Comprehensive in scope, and with expert contributors from around the world, the book covers pet-specific care prospects, hereditary and non-hereditary considerations, customer service implications, hospital and hospital team roles, and practice management aspects of pet-specific care. It also reviews specific risk factors and explains how to use these factors to determine an action plan for veterinary care. This important book: Offers clinical guidance for accurately assessing risks for each patient Shows how to tailor veterinary care to address a patient's specific risk factors Emphasizes prevention, early detection, and treatment Improves treatment outcomes and provides solutions to keep pets healthy and well Written for veterinarians, technicians and nurses, managers, and customer service representatives, *Pet-Specific Care for the Veterinary Team* offers a hands-on guide to taking a veterinary practice to the next level of care.

Are you looking for concise, practical answers to those questions that are often left unanswered by traditional references of the retina? Are you seeking brief, evidence-based advice for the daily examination of patients? *Curbside Consultation in Retina: 49 Clinical Questions* provides quick and direct answers to questions most commonly posed during a "curbside consultation" between experienced clinicians. Dr. Sharon Fekrat, along with co-editors Drs. Darius Moshfeghi and Dean Elliott, have designed this unique reference that offers expert advice, preferences, and opinions on a variety of clinical questions commonly associated with the retina. The unique Q&A format provides quick access to current information related to the retina with the simplicity of a conversation between two colleagues. Images and references are included to enhance the text and to illustrate clinical diagnoses. *Curbside Consultation in Retina: 49 Clinical Questions* provides information basic enough for residents while also incorporating expert pearls that even high-volume ophthalmologists and specialists will appreciate. Optometrists, ophthalmologists, ophthalmologists-in-training, and even retina specialists will benefit from the user-friendly and casual format and the expert advice contained within. Some of the questions that are answered:

- What is the treatment paradigm for postop CME?
- How do I follow a patient who is pregnant and also has diabetes?
- How should I counsel my patients with dry AMD and what-about various vitamin supplements?
- What systemic medications require periodic fundus evaluation, what do I look for and what tests do I do?
- How can I differentiate all of those white dot syndromes?

A best-seller for two decades, the well respected and widely used *Manual of Oculoplastic Surgery* by Dr. Mark R. Levine has been updated and revised into a much anticipated Fourth Edition. *Manual of Oculoplastic Surgery* is designed to guide the physician to explore and complete a variety of ocular plastic procedures in a comprehensive and logical step-by-step sequence. Some sections inside include:

- \* Trauma
- \* Cosmetic
- \* Congenital Ptosis
- \* Acquired Ptosis
- \* Eyelid Malpositions
- \* Facial Nerve Dysfunction
- \* Eyelid Flaps
- \* Orbital Surgery

Each procedure includes a review of the surgical anatomy, step-by-step instructions, and accompanying illustrations--over 500 throughout the text! New topics covered include:

- \* Sinus surgery
- \* Face fillers
- \* Endoscopic dacryocystorhinostomy
- \* Midface lift
- \* Asian blepharoplasty
- \* Naugle-Levine lid reconstruction procedure

The *Manual of Oculoplastic Surgery* is a classic text and a must have resource for ophthalmologists, oculofacial plastic fellows, residents, ENT-facial plastic surgeons, and general plastic surgeons.

This is the third glaucoma consensus held under the auspices of the AIGS. It is anticipated that the discussions and conclusions from this consensus will impact care of patients with Angle Closure and Angle Closure Glaucoma significantly. As with the previous consensus meetings on Glaucoma Diagnosis and Open Angle Glaucoma Surgery, the consensus reports were developed over several months in an interactive internet system. The Consensus faculty, consisting of leading authorities on Angle Closure from throughout the world, met in Fort Lauderdale on May 3, 2006 to discuss the reports and refine t.

Are you looking for concise, practical answers to those questions that are often left unanswered by traditional references on cornea and external diseases? Are you seeking brief, evidence-based advice for the daily examination of patients? *Curbside Consultation in Cornea and External Disease: 49 Clinical Questions* provides quick and direct answers to the thorny questions

most commonly posed during a "curbside consultation" between experienced clinicians. Dr. Frank Price Jr., joined by associate editors Dr. Marianne Price and Dr. Erik Letko, have designed this unique reference in which cornea and external disease specialists offer expert advice, preferences, and opinions on tough clinical questions commonly encountered by ophthalmologists, residents, and other health care professionals. The unique Q&A format provides quick access to current information related to cornea and external diseases with the simplicity of a conversation between two colleagues. Images, diagrams, and references are included to enhance the text and to illustrate clinical diagnoses and treatment plans. Curbside Consultation in Cornea and External Disease: 49 Clinical Questions provides information basic enough for residents while also incorporating expert pearls that even high-volume ophthalmologists will appreciate. Refractive surgeons, general ophthalmologists, and residents alike will enjoy the user-friendly and casual format. Some of the questions that are answered: \* A patient presents with corneal ulcer. What work-up and treatment would you recommend? o As answered by three different specialists in the USA, Europe, and India. \* What should I do for a patient who presents with 6-D astigmatism after undergoing penetrating keratoplasty 4 months ago? \* A 63-year-old male complaining of blurry vision has 360-degree peripheral corneal stromal thinning and conjunctivalization and moderate cataract in both eyes. Does he need surgery? \* A piece of glass flew into my patient's eye. The exam shows central corneal perforation \* A 67-year-old female complains of constant eye irritation. The exam shows conjunctivochalasis of the lower bulbar conjunctiva. Should I excise the redundant conjunctiva? \* I have a general ophthalmology practice in a remote area. When should I consider doing corneal cultures?"

The first edition of this text offers guidance and advice on the diagnosis and management of the complete spectrum of ophthalmic tumors, including the eyelid, conjunctival, intraocular, and orbital tumors. The editors are joined by over 120 international contributors to present a broad perspective from a multidisciplinary team that will offer a diverse and balanced view of ophthalmic oncology clinical practice. This is a comprehensive book that includes over 100 chapters, organized into 7 sections that provide a wealth of information for the management of patients with ophthalmic tumors from examination techniques to classification to surgical techniques.

"Optical Coherence Tomography of Ocular Diseases, Fourth Edition covers a range of subjects, from principles and operation techniques to clinical interpretation and the latest innovations in OCT. This book is an essential text for imaging technology. OCT now occupies a dominant role as a diagnostic tool for retinal conditions and glaucoma. At the same time, the technology continues to show potential for emerging clinical and research applications across all the ophthalmological subspecialties. To reflect these rapid advances, this new edition of Optical Coherence Tomography of Ocular Diseases features a complete and thorough revision of the existing text as well as the addition of cutting-edge content to bring this classic resource completely up to date"--

Are you looking for concise, practical answers to those questions that are often left unanswered by traditional cataract surgery references? Are you seeking brief, evidence-based advice for complicated cases or complications? Curbside Consultation in Cataract Surgery: 49 Clinical Questions provides quick and direct answers to the thorny questions most commonly posed during a "curbside consultation" between surgical colleagues. Dr. David F. Chang, and associate editors Dr. Terry Kim and Dr. Thomas A. Oetting, have designed this unique reference in which 49 of the top cataract consultants in North America offer expert advice, preferences, and opinions on tough clinical questions commonly associated with cataract surgery. The unique Q&A format provides quick access to current information related to cataract surgery with the simplicity of a conversation between two colleagues. Numerous images, diagrams, and references are included to enhance the text and to illustrate surgical pearls. Curbside Consultation in Cataract Surgery: 49 Clinical Questions provides information basic enough for residents while also incorporating expert pearls that even high-volume cataract surgeons will appreciate. General ophthalmologists, residents, and cataract specialists alike will benefit from the user-friendly and casual format and the expert advice contained within. Some of the questions that are answered: • What is the best way to manage IFIS? • What should I do differently with a posterior polar cataract? • When and how do I stain the vitreous with intracameral Kenalog? • How do you explant an IOL 6 months following surgery? • Can I mix different multifocal IOLs, or multifocal with monofocal IOLs?

Issued in earlier editions under the title Practical aviation law.

The IOL technical specifications, the clinical data, and the necessary clinical and surgical skills comprise the scientific foundation for achieving a "premium" refractive outcome. To consistently achieve patient satisfaction, however, requires mastering the art of patient and IOL selection, communicating and counseling effectively, and providing a "premium" patient experience. This is a nontraditional book in which multiple experts are separately asked to discuss controversial subjects in a reader-friendly format. There is balanced coverage of all of the available refractive IOLs, as well as those that may become available in the near future. A major emphasis is placed on avoiding and managing complications or potentially dissatisfied patients. There are more than 200 chapters that are organized into 14 major sections, over 300 images, 100 tables, and 12 sidebars that cover every aspect of refractive IOL clinical practice. This is a comprehensive educational resource addressing the most demanding and rapidly evolving area in cataract and refractive surgery today and the first book to cover both the clinical and nonclinical aspects of offering refractive IOL services.

"DSEK: What You Need to Know About Endothelial Keratoplasty provides a comprehensive background of EK, where it is today, and where it is headed in the future. Francis W. Price, MD. who was the first to complete DSEK in the United States, along with Marianne Price, PhD, have designed this text to offer a special emphasis on how to perform surgeries along with preventing and managing complications. In addition, a diverse group of contributing authors provides a wide array of insights and tips for better patient outcomes."--BOOK JACKET.

With a revolution in the surgical management of mild to moderate glaucoma, new procedures allow for the use of microinvasive techniques that avoid disruption of the conjunctiva and formation of a bleb. These approaches range from laser therapies targeting the outflow system of the eye to the implantation of miniature devices in Schlemm's canal or the suprachoroidal space. The emergence of this new branch of glaucoma surgery, often coupled with micro-incisional

cataract surgery, requires the practicing surgeon to learn about anatomical nuances to ensure success. MIGS: Advances in Glaucoma Surgery will aid the novice resident as well as the seasoned ophthalmic surgeon facing these new issues in glaucoma treatment. The book addresses preoperative patient selection advice, intraoperative pearls for success, and post operative management skills, which are some of the important aspects of the process towards the adoption of MIGS. Why you will want to read MIGS: Advances in Glaucoma Surgery: \* Forward thinking contributions from seasoned MIGS experts who have intimate knowledge of the devices benefits and potential pitfalls in their use \* Basic knowledge is provided that will allow each surgeon to tailor their treatment plan while leveling the learning curve \* Assists in indentifying patients with a milder form of the disease and higher target pressures who may benefit from the MIGS devices MIGS: Advances in Glaucoma Surgery is the first book of its kind to cover the range of devices in this arena using expert contributors and offering real world pearls for practice that can be used in the operating room. Practicing cataract and glaucoma physicians, residents, and fellows will benefit from this timely resource as the thought process for how to treat glaucoma has advanced.

For more than 30 years, the highly regarded Secrets Series® has provided students and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. Medical Secrets, 6th Edition, features the Secrets' popular question-and-answer format that also includes lists, tables, pearls, memory aids, and an easy-to-read style – making inquiry, reference, and review quick, easy, and enjoyable. The proven Secrets Series® format gives you the most return for your time – succinct, easy to read, engaging, and highly effective. Coverage includes the full range of essential topics in medicine for in-training and practicing professionals, authored by a diverse range of teachers and clinicians who cover both medical and ethical issues. Fully revised and updated throughout, including protocols and guidelines that are continuously evolving and that increasingly dictate best practices. Top 100 Secrets and Key Points boxes provide a fast overview of the secrets you must know for success in practice and on exams.

Are you looking for concise, practical answers to those questions that are often left unanswered by traditional texts and references in neuro-ophthalmology? Are you seeking brief, evidence-based advice for common clinical dilemmas or complications? Curbside Consultation in Neuro-Ophthalmology: 49 Clinical Questions provides quick and direct answers to the thorny questions most commonly posed during a “curbside consultation” between neuro-ophthalmologists. Dr. Andrew G. Lee, and associate editors Dr. Paul W. Brazis and Dr. Lanning B. Kline, have designed this unique reference in which neuro-ophthalmologists offer expert advice, preferences, and opinions on tough clinical questions commonly associated with neuro-ophthalmology. The unique Q&A format provides quick access to current information related to neuro-ophthalmology with the simplicity of a conversation between two colleagues. Images, diagrams, and references are included to enhance the text and to illustrate common clinical dilemmas. Curbside Consultation in Neuro-Ophthalmology: 49 Clinical Questions provides information basic enough for residents while also incorporating expert pearls that even high-volume ophthalmologists will appreciate. Residents, fellows, and practicing physicians alike will benefit from the user-friendly and casual format and the expert advice contained within. Some of the questions that are answered: • What is the best way to manage papilledema? • What treatments are there for traumatic optic neuropathy? • When and how do I order an imaging study in neuro-ophthalmology? • What is the work-up for anterior ischemic optic neuropathy? • What evaluation is necessary for an isolated ocular motor cranial neuropathy?

Are you looking for concise, practical answers to those questions that are often left unanswered by traditional glaucoma references? Are you seeking brief, evidence-based advice for common clinical dilemmas? Curbside Consultation in Glaucoma: 49 Clinical Questions provides quick and direct answers to the thorny questions most commonly posed during a “curbside consultation” between glaucoma specialists. Dr. Dale K. Heuer, and associate editors Dr. Steven J. Gedde and Dr. Richard Lewis, have designed this unique reference in which top glaucoma specialists offer expert advice, preferences, and opinions on tough clinical questions commonly associated with the day-to-day diagnosis and care of glaucoma patients. The unique Q&A format provides quick access to current information related to glaucoma with the simplicity of a conversation between two colleagues. Numerous images, diagrams, and references are included to enhance the text and to illustrate glaucoma pearls. Curbside Consultation in Glaucoma: 49 Clinical Questions provides information basic enough for residents while also incorporating expert pearls that even high-volume glaucoma specialists will appreciate. General practitioners, residents, fellows, and optometrists alike will benefit from the user-friendly and casual format and the expert advice contained within. Some of the questions that are answered: • Which imaging device should I use in my practice? • How should I set a target intraocular pressure? • What is “maximum medical therapy” for glaucoma now? • Which glaucoma medications may be used safely during pregnancy? In children? • Is selective laser trabeculoplasty better than argon or diode laser trabeculoplasty? • Which of the new incisional surgical alternatives to trabeculectomy should I consider for my patients? In what clinical settings should I consider them? • In which patients with glaucoma and cataract should I perform a combined procedure? Cataract surgery alone?

Trabeculectomy first?

Are you looking for concise, practical answers to those questions that are often left unanswered by traditional references on uveitis? Are you seeking brief, evidence-based advice for the daily examination of patients? Curbside Consultation in Uveitis: 49 Clinical Questions provides quick and direct answers to the thorny questions most commonly posed during a “curbside consultation” between experienced clinicians. Dr. Stephen Foster has designed this unique reference in which uveitis specialists offer expert advice, preferences, and opinions on tough clinical questions commonly encountered by ophthalmologists, residents, and other health care professionals. The unique Q&A format provides quick access to current information related to uveitis with the simplicity of a conversation between two colleagues. Images, diagrams, and references are included to enhance the text and to illustrate clinical diagnoses and treatment plans. Curbside

Consultation in Uveitis: 49 Clinical Questions provides information basic enough for residents while also incorporating expert pearls that even high-volume ophthalmologists will appreciate. Refractive surgeons, general ophthalmologists, and residents alike will enjoy the user-friendly and casual format. Some of the questions that are answered: • How do the results of the Systemic Immunosuppressive Therapy for Eye Disease (SITE) Cohort Study apply to the care of my patients with uveitis? • How should I evaluate and treat a patient with uveitis? • How should I treat macular edema in a patient with uveitis? • How should I treat a pregnant woman with macular threatening toxoplasmosis retinochoroiditis? • When should I refer a patient with uveitis to a uveitis specialist?

Cornea and Refractive Atlas of Clinical Wisdom, edited by Dr. Samir A. Melki and Dr. Mark A. Fava, gathers unique observations that experienced eye surgeons have learned in their daily treatment of patients. Each chapter begins with a detailed description of the condition from diagnosis to symptoms to complications to eventual treatment methods. Features Include: \* Practical tips, as opposed to the theoretical aspects of the disease. \* Diagnostic and medical management of the disease. \* Anecdotal experience that has been proven correct over the years vs. the type of information that is awaited for from a large clinical trial. \* Full color images reinforce the information presented in the book. Cornea and Refractive Atlas of Clinical Wisdom also includes a condensed summary of diagnostic pearls acquired through the years from personal experience with a focus on diagnosis and medical management. Some Topics Include: \* Imaging and diagnostics: o IOL Power, corneal topography \* Ocular surface disorders: o Ocular chemical injury, dry eye syndrome \* Infectious disease: o Fungal keratitis, epidemic keratoconjunctivitis \* Inflammatory Diseases: o Scleritis, Stevens-Johnson syndrome \* Neoplasia and epithelial downgrowth: o Melanocytic lesions of the ocular surface \* Dystrophies and degeneration: o Keratoconus, corneal transplant rejection \* Refractive Surgery: o LASIK flap folds, corneal ectasia after LASIK All ophthalmologists, regardless of level of experience, will have an interest in the clinical diagnosis and medical management information gathered inside the pages of Cornea and Refractive Atlas of Clinical Wisdom.

Are you looking for concise, practical answers to those questions that are often left unanswered by traditional texts and references in oculoplastics? Are you seeking brief, evidence-based advice for common clinical dilemmas or complications? Curbside Consultation in Oculoplastics: 49 Clinical Questions provides quick and direct answers to the thorny questions most commonly posed during a "curbside consultation" between experienced clinicians. Dr. Robert C. Kersten and Dr. Timothy J. McCulley, have designed this unique reference in which oculoplastic specialists offer expert advice, preferences, and opinions on tough clinical questions commonly associated with oculoplastics. The unique Q&A format provides quick access to current information related to oculoplastics with the simplicity of a conversation between two colleagues. Images, diagrams, and references are included to enhance the text and to illustrate common clinical dilemmas. Curbside Consultation in Oculoplastics: 49 Clinical Questions provides information basic enough for residents while also incorporating expert pearls that even high-volume ophthalmologists will appreciate. Residents, fellows, and practicing physicians alike will benefit from the user-friendly and casual format and the expert advice contained within. Some of the questions that are answered: • What do I do when a patient on anti-coagulants needs surgery? • When does an eyelid lesion need to be biopsied? • What are the general treatment guidelines for Graves' ophthalmopathy? • How should I treat bacterial orbital cellulitis? • How do you distinguish an orbital infection from sterile inflammation? • When should I be concerned about systemic disease in a patient with blepharoptosis? • What are the oculoplastic uses of botulinum toxin? • How do I know when to order an MRI or a CT?

This text is for anyone interested in the use of Botox and dermal filler agents for a wide variety of functional and minimally invasive facial rejuvenation procedures. The storage, reconstitution, and mechanism of action of botulinum toxin or Botox are all thoroughly explained. A thorough analysis is provided detailing the underlying facial muscle anatomy that is required and how physicians can integrate this procedure into their current practice. An additional section is also included detailing injectable filler agents, a more effective form of treatment for lines that are present at rest. As the demand for less invasive facial rejuvenation products and treatments continue to increase, Botox injections are emerging as the popular choice. While the initial public reaction was guarded, the procedure is now common, as millions of individuals around the world are pursuing the cosmetic application of Botox for wrinkle reduction. The text utilizes a "how to" approach in teaching the ways Botox can remedy many functional disorders and conditions.

Chandler and Grant's Glaucoma--one of the field's seminal texts on the medical practice and surgical management of glaucoma, now in its Sixth Edition--includes the latest updates in an area that is currently experiencing a surge of innovation. Edited by Drs. Malik Y. Kahook and Joel S. Schuman and with contributions from the late David L. Epstein and more than 80 contributors, Chandler and Grant's Glaucoma, Sixth Edition brings together the experience of world-class glaucoma experts who belong to a long line of surgeons trained using the teachings of the original authors of this classic work. Each chapter has been meticulously edited and updated from the previous edition, while maintaining the well-established historical teachings of Drs. Paul A. Chandler and W. Morton Grant. New chapters on medical therapy as well as thorough updates on novel and minimally invasive approaches for the surgical management of glaucoma have been added. New topics and features in the Sixth Edition include: Advances in imaging of the optic nerve and retina Rho-associated protein kinase (ROCK) inhibitors Glaucoma and cerebrospinal fluid pressure The US Food and Drug Administration's role in the development of new diagnostic and surgical devices for patients with glaucoma Chandler and Grant's Glaucoma has been the most relevant and invaluable reference on glaucoma for generations of ophthalmologists. This updated Sixth Edition builds on the teachings of previous editions, making the Sixth Edition as relevant in the 21st century as when the first lectures were presented by Drs. Chandler and Grant more than 55 years ago.

Are you looking for concise, practical answers to questions that are often left unanswered by traditional IBD references?

Are you seeking brief, evidence-based advice for complicated cases or complications? Curbside Consultation in IBD: 49 Clinical Questions provides quick and direct answers to the thorny questions commonly posed during a "curbside consultation" between colleagues. Dr. David Rubin, Dr. Sonia Friedman and Dr. Francis A. Farraye have designed this unique reference, which offers expert advice, preferences, and opinions on tough clinical questions commonly associated with IBD. The unique Q&A format provides quick access to current information related to IBD with the simplicity of a conversation between two colleagues. Numerous images, diagrams, and references are included to enhance the text and to illustrate IBD. Curbside Consultation in IBD: 49 Clinical Questions provides information that high-volume clinicians will appreciate, and yet is basic enough for residents. Gastroenterologists, fellows and residents in training, surgical attendings, and surgical residents will benefit from the user-friendly and casual format and the expert advice contained within. Some of the questions that are answered: • Which patients might be better for a "top down" approach (using anti-TNF therapy before steroids or proven failure of oral thiopurines)? What clinical behavior or serological markers might you use to identify these patients? • When is it appropriate to switch to another biologic therapy? • Should I be using chromoendoscopy in my surveillance colonoscopy in IBD? How and which agent? Would narrow band imaging be an alternative for this? • Can we follow flat low-grade dysplasia? Is any dysplasia really flat or just a spectrum of depth and size? • If women continue infliximab therapy during pregnancy, what are the implications for the baby? What should we be telling our patients about vaccinations?

A fundamental challenge for medical informatics is to develop and apply better ways of understanding how information technologies and methods can help support the best care for every patient every day given available medical knowledge and resources. In order to provide the most effective healthcare possible, the activities of teams of health professionals have to be coordinated through well-designed processes centered on the needs of patients. For information systems to be accepted and used in such an environment, they must balance standardization based on shared medical knowledge with the flexibility required for customization to the individual patient. Developing innovative approaches to design and build evidence-based careflow management systems is essential for providing the knowledge management infrastructure of health care organizations that seeks to increase performance in delivering high quality care services by efficiently exploiting available resources. Parallel challenges arise in the organization of research at the biological and clinical levels, where the focus on systematically organizing and supporting processes of scientific inquiry by novel informatics methods and databases are in their very early stages. These Proceedings of Medinfo 2004 demonstrate the base of knowledge medical informatics professionals will collectively draw upon in the years ahead to meet these challenges and realize opportunities.

Are you looking for concise, practical answers to questions that are often left unanswered by traditional references on refractive surgery? Are you seeking brief, evidence-based advice for the daily examination of patients? Curbside Consultation in Refractive and Lens-Based Surgery: 49 Clinical Questions provides quick and direct answers to the thorny questions most commonly posed during a "curbside consultation" between experienced clinicians. Drs. Bonnie An Henderson and Sonia H. Yoo have designed this unique reference in which refractive specialists offer expert advice, preferences, and opinions on tough clinical questions commonly encountered by ophthalmologists, residents, and other health care professionals. The unique Q&A format provides quick access to current information related to refractive and lens-based surgery with the simplicity of a conversation between two colleagues. Images, diagrams, and references are included to enhance the text and to illustrate clinical diagnoses and treatment plans. Based on clinical scenarios that a refractive surgeon might encounter in real life, Curbside Consultation in Refractive and Lens-Based Surgery provides information basic enough for residents while also incorporating expert pearls that even high-volume ophthalmologists will appreciate. General ophthalmologists and residents alike will enjoy the user-friendly and casual format. Some of the questions that are answered: How do I manage epithelial ingrowth after LASIK? What if it recurs? Should I perform PRK in patients with forme fruste keratoconus? How do I manage patients with dry eyes after LASIK surgery? How do I determine my surgically induced astigmatism? Is a monocular implantation of a multifocal IOL tolerated? How do you manage an unhappy multifocal patient who is experiencing halos and glare?

Are you looking for concise, practical answers to questions that are often left unanswered by traditional pancreatic disease references? Are you seeking brief, evidence-based advice for complicated cases or complications? Curbside Consultation of the Pancreas: 49 Clinical Questions provides quick and direct answers to the thorny questions commonly posed during a "curbside consultation" between colleagues. Dr. Scott Tenner, Dr. Alphonso Brown, and Dr. Frank Gress have designed this unique reference, which offers expert advice, preferences, and opinions on tough clinical questions commonly associated with pancreatic disease. The unique Q&A format provides quick access to current information related to pancreatic disease with the simplicity of a conversation between two colleagues. Numerous images, diagrams, and references are included to enhance the text and to illustrate the treatment of pancreatic disease patients. Curbside Consultation of the Pancreas: 49 Clinical Questions provides information basic enough for residents while also incorporating expert advice that even high-volume clinicians will appreciate. Gastroenterologists, fellows and residents in training, surgical attendings, and surgical residents will benefit from the user-friendly and casual format and the expert advice contained within. Some of the questions that are answered: \* How do I determine the amount of fluids to provide to patients with acute pancreatitis? \* When should antibiotics be used in acute pancreatitis? \* How do I determine the timing of re-feeding patients with acute pancreatitis? \* What is the best way to treat pain in patients with chronic pancreatitis? \* How should I define the best approach to a pseudocyst?

A concise, easy-to-understand reference book, All about Your Eyes tells you what you need to know to care for your eyes and what to expect from your eye doctor. In this reliable guide, leading eye care experts: —explain how healthy eyes work —describe various eye diseases, including pink eye, cataract, glaucoma, age-related macular degeneration, and diabetic

retinopathy —provide up-to-date information on eye surgery, including refractive, laser, and cosmetic For each eye problem, the authors describe in simple, straightforward language —what it is —the symptoms —what, if anything, you can do to prevent it —when to call the doctor —the treatment —the likelihood of recovery All about Your Eyes includes a glossary of technical terms and, following each entry, links to web sites where further information may be found. Many ophthalmologists are in the transition from the traditional cataract surgery technique to the new minimally incision cataract surgery (MICS) technique. They are in the need of updated information on how to make this transition smoothly. In this book, world-renowned opinion leaders present up-to-date information on the new and fast-developing trends in cataract surgery. It reflects the state of the art of microincisional cataract surgery with the concept of minimizing incision. It offers all necessary information on the new technology as well as on the surgical technique. Further, it demonstrates how to handle difficult cataract cases as well as new intraocular lenses.

This book is a comprehensive, in-depth, and up-to-date resource on eye examination that will be of great practical value for ophthalmologists and optometrists. The aim is to guide the practitioner through the diagnostic process and the implications for management of the ocular patient, and in so doing to demonstrate that it is possible to reach appropriate decisions on the basis of eye examination. Every year, existing ocular equipment is being upgraded and new diagnostic equipment is appearing on the market. This book reflects recent progress in upgrading by providing information and guidance on the latest innovations in ocular examination and eye testing while also highlighting the continuing important role of the traditional eye test. The coverage accordingly ranges from such long-established techniques as ophthalmoscopy, tonometry, and slit lamp examination through to the latest advances in OCT technologies, digital fundus photography, confocal scanning laser ophthalmoscopy, ocular ultrasound, and angiography. The authors hope that the book will assist all practitioners who perform ophthalmologic examinations.

While systems such as GMP and HACCP assure a high standard of food quality, foodborne poisonings still pose a serious hazard to the consumer's health. The lack of knowledge among some producers and consumers regarding the risks and benefits related to food makes it imperative to provide updated information in order to improve food safety. To

Perioperative Medicine uses a concise, highly practical, bulleted format designed to ensure rapid comprehension of key concepts and reinforce the reader's understanding of complex topics in perioperative medicine. It contains authoritative, up-to-date coverage of the most essential concepts in perioperative care from preoperative risk assessment to postoperative follow-up. The Editor and his contributors use their expert insight and experience to provide an in-depth review of comorbid conditions, patient and surgery-specific risk assessment, and common postoperative complications. This new book reviews recent developments in the field, including published guidelines, and emphasizes an evidence-based, cost-effective approach designed to ensure quality, patient safety, and optimal outcomes. It is intended for use by hospitalists, general internists and subspecialists as well as anesthesiologists, surgeons, and residents in training who are caring for patients before and after surgery.

This is the first book to analyze virtually all complications of phacoemulsification surgery with the goal throughout of avoidance, recognition, and management. As the key to recognizing problems is to understand proper surgical technique, the authors begin with a discussion of the correct procedure, and then go on to evaluate potential complications, where they occur, and how to treat them. Solutions are provided for all situations, from simple problems to the most complex--all described by a who's who of leading specialists and educators. From phacoemulsification problems and vitrectomy, to hydrodissection, hydrodileneation, and phaco-trabeculectomy complications, this outstanding guide is essential for anybody performing cataract surgery. Key features of this new clinical reference:Contributions from the best known surgeons and educators in the world, including Howard Fine, Sam Masket, Randy Olson, Alan Crandall, Roger Steinert, David Chang, Skip Nichamin, and many more!Shows correct surgical techniques so that complications can be seen in the appropriate clinical contextNearly 300 detailed, full-color illustrations clarify all concepts and help you visualize key pointsOffers tips on anticipating problems that lead to complicationsProvides detailed, step-by-step instructions on how to manage problems after they occurHere is the definitive text for avoiding and treating all types of complications of phacoemulsification, as well as a reliable reference on standard surgical techniques. The information provided is essential for all ophthalmologists, eye surgeons, clinicians, and residents who need a thorough understanding of the surgical techniques and complication avoidance that will most benefit their patients.

The field of transplant medicine has evolved significantly since the first kidney transplant was performed in 1954. Innovations in transplant immunosuppression have lowered the risk of organ rejection so that infectious complications are now the leading cause of hospitalization and mortality after solid organ transplant. Infection is also cited as the leading cause of non-relapse mortality after stem cell transplantation. As transplant centers have recognized the importance of transplant specific expertise in patient outcomes, the field of transplant infectious diseases has expanded into a recognized and highly valued subspecialty. International growth in solid organ and stem cell transplantation has outpaced access to such expertise, with some centers employing microbiology laboratory directors and transplant nephrologists as their lead infectious diseases consultants. This has been a particular challenge as the use of novel immunosuppressive regimens in new geographic and immigrant populations have fueled the emergence of new infection syndromes, with the initial presentation sometimes occurring in this most vulnerable patient population. This digital-first book is designed to meet the needs of practitioners engaged in transplant infectious disease practice who need more depth than they are able to find in UpToDate. It provides an overview of emerging infectious disease challenges with clinically relevant information regarding the epidemiology, diagnosis, management, and prevention of infections in solid organ and stem cell transplant recipients. Each chapter focuses on a clinical syndrome or pathogen with new or emerging implications for transplant patients. Given the rapidly evolving nature of emerging infections and topics in transplant infections, no resource has been published on these increasingly notorious issues; this text is written by top, global experts who regularly update the material to ensure that readers will always have access to the most cutting edge material available. The editorial team consists of three experienced leaders in the field, all of whom have a strong record of scholarship and publication, as well as an international reputation. All three have focused their academic careers on emerging infectious diseases in transplantation, including a current and a past president of various infectious diseases and transplantation societies. The editors are also experienced reviewers and authors who have collaborated on multiple previous projects. All are committed to this project as a unique opportunity to make an important contribution to their field.

For over 25 years, The Retinoscopy Book: An Introductory Manual for Eye Care Professionals has been the only basic instruction manual designed specifically to teach the art of clinical retinoscopy. This best-selling classic has been updated and revised to include the latest changes involving the retinoscope, and to meet the developing needs of students in ophthalmology and optometry. Sections on minus cylinders, concave mirror retinoscopy for high refractive errors, and a catalog of instruments have been expanded to reflect the most recent innovations. New sections on retinoscopy after refractive surgery and instrument maintenance are unique to this fifth edition. This text is designed to supplement the Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) instruction courses for technicians or to facilitate a do-it-yourself training program for ophthalmology residents, ophthalmic technicians, optometry students, and other eye care professionals in training. Figures and illustrations supplement time-tested exercises to facilitate learning. The user-friendly format prevalent throughout the text enables students to develop a complete understanding of the retinoscope and its many uses.

Are you looking for concise, practical answers to questions that are often left unanswered by traditional cancer references that are not

designed for gastroenterologists? Are you seeking brief, evidence-based advice for complicated cases or patients with complications that need management? Curbside Consultation in GI Cancer for the Gastroenterologist: 49 Clinical Questions provides quick and direct answers to the thorny questions commonly posed during a “curbside consultation” between colleagues. Dr. Douglas G. Adler has designed this unique reference, which offers expert advice, preferences, and opinions on tough clinical questions commonly associated with GI cancer. The unique Q&A format provides quick access to current information related to GI cancer with the simplicity of a conversation between two colleagues. Numerous images, diagrams, and references are included to enhance the text and to illustrate the treatment of GI cancer patients. Curbside Consultation in GI Cancer for the Gastroenterologist: 49 Clinical Questions provides information basic enough for residents while also incorporating expert advice that even high-volume clinicians will appreciate. Gastroenterologists, fellows and residents in training, surgical attendings, and surgical residents will benefit from the user-friendly and casual format and the expert advice contained within. Some of the questions that are answered: • An 81-year-old man is found to have unresectable esophageal cancer and malignant dysphagia. Should he have a stent? A nasogastric feeding tube? A PEG tube? • How is tumor-related bleeding from gastric cancers best approached? • Do patients with pancreatic cancer and jaundice need to have an ERCP preoperatively? • What is the role of ERCP and EUS in patients with suspected cholangiocarcinoma? • Why are rectal cancers so different from colon cancers with regards to medical and surgical management? Curbside Consultation in GI Cancer for the Gastroenterologist: 49 Clinical Questions illustrates how patients at different points in their treatment may go back and forth between specialists to receive coordination of care, and incorporates input from gastroenterologists, surgeons, radiologists, and oncologists. While providing up-to-date information, this book will help gastroenterologists to manage complex cancer-related issues and guide physicians through the maze of cancer-related treatments available. Ideal for practicing gastroenterologists, gastroenterology fellows, surgeons, oncologists, residents, and medical students, Curbside Consultation in GI Cancer for the Gastroenterologist: 49 Clinical Questions is sure to benefit anyone caring for patients with gastrointestinal cancers.

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