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Manual of Glaucoma Cornea E-Book Mergent International Manual Dry eye disease syndrome Cataract and Refractive Surgery Harrisons Manual of Medicine, 19th Edition Manual of Total Mesorectal Excision Ophthalmology E-Book Ophthalmology Refractive Surgery Advances in Management and Treatment of High Myopia and Its Complications Health Devices Sourcebook 1988 Phakic IOLs Applications of Nonlinear Fiber Optics Color Correction Handbook Laser and IPL Technology in Dermatology and Aesthetic Medicine Investigative Ophthalmology & Visual Science Billboard Emerging Infectious Diseases Laser Dermatology Applied Radiology The Journal of Medical Laboratory Technology Cognitive Hyperconnected Digital Transformation Laser-Induced Breakdown Spectroscopy A Patient's Guide to Glaucoma Billboard Controlling Disease Due to Helminth Infections Government Reports Announcements & Index Medical Device Register Pediatric Retina Retina: Medical retina Lange Smart Charts: Pharmacology Knitting Technology Surgical Retina LexisNexis Corporate Affiliations Medical Parasitology Diagnosis & Treatment of Uveitis The Industrial Laser Handbook Nanopharmaceutical Advanced Delivery Systems Principles of Intellectual Property Law

Detailed discussions and expert guidance on excimer laser instruments, wavefront technology, the recent modifications made to photoablation, refractive lens exchange, and others. A concise format and numerous color photographs help you hone your clinical skills while implementing the newest techniques \* The only book describing applications of nonlinear fiber optics \* Two new chapters on the latest developments: highly nonlinear fibers and quantum applications \* Coverage of biomedical applications \* Problems provided at the end of each chapter The development of new highly nonlinear fibers - referred to as microstructured fibers, holey fibers and photonic crystal fibers - is the next generation technology for all-optical signal processing and biomedical applications. This new edition has been thoroughly updated to incorporate these key technology developments. The book presents sound coverage of the fundamentals of lightwave technology, along with material on pulse compression techniques and

rare-earth-doped fiber amplifiers and lasers. The extensively revised chapters include information on fiber-optic communication systems and the ultrafast signal processing techniques that make use of nonlinear phenomena in optical fibers. New material focuses on the applications of highly nonlinear fibers in areas ranging from wavelength laser tuning and nonlinear spectroscopy to biomedical imaging and frequency metrology. Technologies such as quantum cryptography, quantum computing, and quantum communications are also covered in a new chapter. This book will be an ideal reference for: R&D engineers working on developing next generation optical components; scientists involved with research on fiber amplifiers and lasers; graduate students and researchers working in the fields of optical communications and quantum information. \* The only book on how to develop nonlinear fiber optic applications \* Two new chapters on the latest developments; Highly Nonlinear Fibers and Quantum Applications \* Coverage of biomedical applications Manufacturing with lasers is becoming increasingly important in modern industry. This is a unique, most comprehensive handbook of laser applications to all modern branches of industry. It includes, along with the theoretical background, updates of the most recent research results, practical issues and even the most complete company and product directory and supplier's list of industrial laser and system manufacturers. Such important applications of lasers in manufacturing as welding, cutting, drilling, heat treating, surface treatment, marking, engraving, etc. are addressed in detail, from the practical point of view. A list of specific companies dealing with manufacturing aspects with lasers is given. Manual of Total Mesorectal Excision is the authoritative manual for the trainee and qualified surgeon, covering every aspect of total mesorectal excision for rectal cancer. Written by the surgeons who pioneered and popularized TME Includes high-quality colour illustrations to detail the multidisciplinary management of rectal cancer Endorsed by the Pelican Foundation, the leading organization for research on bowel cancer surgery Incorporates state-of-the-art pre-operative staging, optimal surgical excision by TME surgery, and quality control and audit of outcomes by detailed pathological assessment of the resected specimen The first book dedicated to this procedure, Manual of Total Mesorectal Excision is an invaluable resource for all medical professionals with an interest in the management of rectal cancer. Helminth infections are caused by parasitic worms (including tapeworms and roundworms). These diseases are associated with poverty, and in school-age populations in developing countries, intestinal helminth infections rank first among the causes of all communicable and noncommunicable diseases. This book is based on papers presented at an OECD conference, held in Bali, Indonesia in February 2000, which sought to review activities for the control of

diseases due to soil-transmitted helminth infections in Indonesia and neighbouring countries. Cognitive Hyperconnected Digital Transformation provides an overview of the current Internet of Things (IoT) landscape, ranging from research, innovation and development priorities to enabling technologies in a global context. It is intended as a standalone book in a series that covers the Internet of Things activities of the IERC-Internet of Things European Research Cluster, including both research and technological innovation, validation and deployment. The book builds on the ideas put forward by the European Research Cluster, the IoT European Platform Initiative (IoT-EPI) and the IoT European Large-Scale Pilots Programme, presenting global views and state-of-the-art results regarding the challenges facing IoT research, innovation, development and deployment in the next years. Hyperconnected environments integrating industrial/business/consumer IoT technologies and applications require new IoT open systems architectures integrated with network architecture (a knowledge-centric network for IoT), IoT system design and open, horizontal and interoperable platforms managing things that are digital, automated and connected and that function in real-time with remote access and control based on Internet-enabled tools. The IoT is bridging the physical world with the virtual world by combining augmented reality (AR), virtual reality (VR), machine learning and artificial intelligence (AI) to support the physical-digital integrations in the Internet of mobile things based on sensors/actuators, communication, analytics technologies, cyber-physical systems, software, cognitive systems and IoT platforms with multiple functionalities. These IoT systems have the potential to understand, learn, predict, adapt and operate autonomously. They can change future behaviour, while the combination of extensive parallel processing power, advanced algorithms and data sets feed the cognitive algorithms that allow the IoT systems to develop new services and propose new solutions. IoT technologies are moving into the industrial space and enhancing traditional industrial platforms with solutions that break free of device-, operating system- and protocol-dependency. Secure edge computing solutions replace local networks, web services replace software, and devices with networked programmable logic controllers (NPLCs) based on Internet protocols replace devices that use proprietary protocols. Information captured by edge devices on the factory floor is secure and accessible from any location in real time, opening the communication gateway both vertically (connecting machines across the factory and enabling the instant availability of data to stakeholders within operational silos) and horizontally (with one framework for the entire supply chain, across departments, business units, global factory locations and other markets). End-to-end security and privacy solutions in IoT space require agile, context-aware and scalable

components with mechanisms that are both fluid and adaptive. The convergence of IT (information technology) and OT (operational technology) makes security and privacy by default a new important element where security is addressed at the architecture level, across applications and domains, using multi-layered distributed security measures. Blockchain is transforming industry operating models by adding trust to untrusted environments, providing distributed security mechanisms and transparent access to the information in the chain. Digital technology platforms are evolving, with IoT platforms integrating complex info

2014 BMA Medical Book Awards Highly Commended in Surgical specialties category! Get the quick answers you need on every aspect of clinical ophthalmology and apply them in your day-to-day practice. The latest edition of Ophthalmology by Drs. Yanoff and Duker presents practical, expert, concise guidance on nearly every ophthalmic condition and procedure, equipping you to efficiently overcome whatever clinical challenges you may face. "In summary, the role of clinical electrophysiology of vision in clinical practice is better documented in Yanoff and Duker's Ophthalmology, 4th Edition than in the introductory textbooks of earlier generations." Reviewed by: S. E. Brodie, Department of Ophthalmology, Icahn School of Medicine, July 2014

Focus on the clinically actionable information you need thanks to a more streamlined format. Make optimal use of the newest drug therapies, including Anti-VEGF treatment for wet ARMD and bevacizumab treatment for complications of diabetes. Get authoritative guidance on the newest treatment options for cornea disorders, including evolving ocular surface reconstruction techniques and new cornea procedures such as DSEK. Take it with you anywhere. Access the full text, video clips, and more online at Expert Consult. Apply the latest advances in the diagnosis and treatment of ocular disease, including new drug therapies for retinal disorders; today's expanded uses of optical coherence tomography (OCT) and high-resolution imaging modalities; new corneal, cataract and refractive surgical approaches; and new developments in molecular biology and genetics, ocular surface disease, glaucoma testing, neuro-ophthalmology, uveitis, ocular tumors, and much more. Visualize how to proceed by viewing more than 2200 illustrations (1,900 in full color) depicting the complete range of clinical disorders, imaging methods, and surgical techniques. Hone and expand your surgical skills by watching 40 brand-new videos demonstrating key techniques in cornea, cataract, refractive, retina and glaucoma surgery. Spend less time searching thanks to a user-friendly visual format designed for quick, "easy-in easy-out" reference and an instant understanding on any topic. The second volume of "Cataract and Refractive Surgery" in the Essentials in Ophthalmology series provides new information on cataract and refractive surgery. The chapters

discuss new techniques and technology. The emphasis is on areas that are rapidly evolving and essential to sophisticated clinical practice. The book has a well-structured text and design, and is quick and easy to read. It bridges the gap between primary literature and daily practice. This book will help clinicians provide the best results for their cataract and refractive surgical patients and is also indispensable for continuous education and advanced training. The first all-inclusive text on the pitfalls, complications and controversies surrounding the use of lasers in dermatology and aesthetic medicine Each chapter starts off by highlighting the key points and essential concepts, followed by a review of the associated pearls and problems Provides the reader with tips on how to improve the safe and effective use of lasers Images focus on the pearls and problems Laser Dermatology: Pearls and Problems is different from other laser dermatology books. Each of the five chapters begins by highlighting key points and essential concepts, then focuses on the pearls and problems for each area – based on the author's vast experience in the field of laser dermatology. Dr. Goldberg addresses: Vascular Lasers Laser Hair Removal Pigmented Lesions, Tattoos, and Disorders of Hypopigmentation Ablative Lasers and Devices Non-Ablative Photorejuvenation and Skin Remodeling Dr. Goldberg goes beyond the standard "before and after" approach to use actual images to demonstrate the pearls and pitfalls discussed in the text. In its 114th year, Billboard remains the world's premier weekly music publication and a diverse digital, events, brand, content and data licensing platform. Billboard publishes the most trusted charts and offers unrivaled reporting about the latest music, video, gaming, media, digital and mobile entertainment issues and trends. Essential Clinical Information Drawn From Harrison's Harrison's Manual of Medicine is a concise, bedside resource derived from content found in Harrison's Principles of Internal Medicine, Nineteenth Edition. Perfect for use at the point of care, the Manual presents clinical information covering key aspects of the diagnosis, clinical manifestations, and treatment of the major diseases that are likely to be encountered in medical practice. Presented in full color and incorporating an efficient blend of succinct text, bullet points, algorithms, and tables Harrison's Manual of Medicine, Nineteenth Edition covers every area of clinical medicine, including: · Etiology and Epidemiology · Clinically Relevant Pathophysiology · Signs and Symptoms · Differential Diagnosis · Physical and Laboratory Findings · Therapeutics · Practice Guidelines Contains a list of all manufacturers and other specified processors of medical devices registered with the Food and Drug Administration, and permitted to do business in the U.S., with addresses and telephone numbers. Organized by FDA medical device name, in alphabetical order. Keyword index to FDA established standard names of medical devices. Manual of

Glaucoma is a comprehensive reference guide to the basics, diagnosis and new surgical possibilities for the treatment of glaucoma. The book also includes a separate chapter on complementary and alternative therapies, as well as new surgical modalities, wound healing techniques and postoperative care. Enhanced by 236 full colour images and illustrations, Manual of Glaucoma is an essential source of reference for ophthalmologists and ophthalmology residents. An update on the essentials of retina surgery In the new book series ESASO Course Series', the essentials of the courses of the European School for Advanced Studies in Ophthalmology (ESASO) are made available to interested ophthalmologists, optometrists, technicians and residents all over the world. In this volume, the seminars on surgical retina presented by renowned experts during ESASO's activities are collected. Many specialists have contributed their knowledge to make this volume a device to give practical support. The topics range from prevention to state-of-the-art diagnostic techniques and the latest surgical treatment options for many eye conditions such as diabetic retinopathy and rhegmatogenous retinal detachment. This publication provides the ophthalmologist with the main aspects of surgical retina in a simple and practical update. With almost twice as many chapters, this new edition of Pediatric Retina now includes important information on the development of the eye and retina, basic/translational science of retinal diseases in infants and children, telemedicine using wide-angle imaging for diagnosis and longitudinal management of infants and children, as well as international approaches to care with focus on retinopathy of prematurity. Get the quick answers you need on every aspect of clinical ophthalmology and apply them in your day-to-day practice. The latest edition of Ophthalmology by Drs. Yanoff and Duker presents practical, expert, concise guidance on nearly every ophthalmic condition and procedure, equipping you to efficiently overcome whatever clinical challenges you may face. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®, nook®, and other popular devices. Focus on the clinically actionable information you need thanks to a more streamlined format. Make optimal use of the newest drug therapies, including Anti-VEGF treatment for wet ARMD and bevacizumab treatment for complications of diabetes. Get authoritative guidance on the newest treatment options for cornea disorders, including evolving ocular surface reconstruction techniques and new cornea procedures such as DSEK. Take it with you anywhere. Access the full text, video clips, and more online at Expert Consult. Apply the latest advances in the diagnosis and treatment of ocular disease, including new drug therapies for retinal disorders; today's expanded uses of optical coherence tomography (OCT) and high-resolution imaging modalities; new corneal, cataract and refractive

surgical approaches; and new developments in molecular biology and genetics, ocular surface disease, glaucoma testing, neuro-ophthalmology, uveitis, ocular tumors, and much more. Visualize how to proceed by viewing more than 2200 illustrations (1,900 in full color) depicting the complete range of clinical disorders, imaging methods, and surgical techniques. Hone and expand your surgical skills by watching 40 brand-new videos demonstrating key techniques in cornea, cataract, refractive, retina and glaucoma surgery. Spend less time searching thanks to a user-friendly visual format designed for quick, "easy-in easy-out" reference and an instant understanding on any topic.

Laser-Induced Breakdown Spectroscopy, Second Edition, covers the basic principles and latest developments in instrumentation and applications of Laser Induced Breakdown Spectroscopy (LIBS). Written by active experts in the field, it serves as a useful resource for analytical chemists and spectroscopists, as well as graduate students and researchers engaged in the fields of combustion, environmental science, and planetary and space exploration. This fully revised second edition includes several new chapters on new LIBS techniques as well as several new applications, including flame and off-gas measurement, pharmaceutical samples, defense applications, carbon sequestration and site monitoring, handheld instruments, and more. LIBS has rapidly developed into a major analytical technology with the capability of detecting all chemical elements in a sample, of real-time response, and of close-contact or stand-off analysis of targets. It does not require any sample preparation, unlike conventional spectroscopic analytical techniques. Samples in the form of solids, liquids, gels, gases, plasmas, and biological materials (like teeth, leaves, or blood) can be studied with almost equal ease. This comprehensive reference introduces the topic to readers in a simple, direct, and accessible manner for easy comprehension and maximum utility. Covers even more applications of LIBS beyond the first edition, including combustion, soil physics, environment, and life sciences Includes new chapters on LIBS techniques that have emerged in the last several years, including Femtosecond LIBS and Molecular LIBS Provides inspiration for future developments in this rapidly growing field in the concluding chapter

"In our book, Phakic IOLs, we have attempted to examine the state of the art of Phakic IOLs. We have divided the science into several primary chapters: the history of phakic IOLs and the difficult periods of its development; indications and contraindications, the evaluations necessary for the correct selection of the IOL; the lenses that are currently available, the implantation techniques, the intra-operative and post-operative complications, the explantation techniques and the reasons why the lens should be explanted. In the last chapter, we compare the Phakic IOLs with Lasik and Bioptics concluding with the future of Phakic IOLs. We have

tried to provide our readers all of the available scientific information and results of the various studies published over the years, demonstrating and confirming the ongoing evolution in this field. We sincerely hope that the book may prove useful for doctors in their routine professional activities, to improve and perfect their surgical options for the benefit of their patients"-- Infections caused by parasites are still a major global health problem. Although parasitic infections are responsible for a significant morbidity and mortality in the developing countries, they are also prevalent in the developed countries. Early diagnosis and treatment of a parasitic infection is not only critical for preventing morbidity and mortality individually but also for reducing the risk of spread of infection in the community. This concise book gives an overview of critical facts for clinical and laboratory diagnosis, treatment and prevention of parasitic diseases which are common in humans and which are most likely to be encountered in a clinical practice. This book is a perfect companion for primary care physicians, residents, nurse practitioners, medical students, paramedics, other public health care personnel and as well as travelers. The book provides a single volume covering detailed descriptions about various delivery systems, their principles and how these are put in use for the treatment of multiple diseases. It is divided into four sections where the first section deals with the introduction and importance of novel drug delivery system. The second section deals with the most advanced drug delivery systems like microbubbles, dendrimers, lipid-based nanoparticles, nanofibers, microemulsions etc., describing the major principles and techniques of the preparations of the drug delivery systems. The third section elaborates on the treatments of diverse diseases like cancer, topical diseases, tuberculosis etc. The fourth and final section provides a brief informative description about the regulatory aspects of novel drug delivery system that is followed in various countries. Organized by drug group, this book presents a complete review of pharmacology in an innovative format. Composed entirely of tables and diagrams, this book facilitates comparison and clarifies relationships among drugs in terms of interactions, pharmacokinetics, uses, and side effects. Each chapter begins with an outline of the drug class discussed, followed by a list of key terms. In its 114th year, Billboard remains the world's premier weekly music publication and a diverse digital, events, brand, content and data licensing platform. Billboard publishes the most trusted charts and offers unrivaled reporting about the latest music, video, gaming, media, digital and mobile entertainment issues and trends. Highly praised in its first three editions, Cornea has become a market-leading cornerstone text and the immediate go-to resource for anyone working in this hugely popular and evolving subspecialty. Offered over two volumes and featuring the knowledge of over 200 experts worldwide, it presents state-of-



the-art coverage of the expanding range of contemporary corneal surgery, new diagnostic technology, and medical management of corneal and external disease as well as ocular surface disease. This updated edition includes 20 brand-new chapters, while an enhanced focus on images provides key visual guidance in this challenging field. Exceptionally clear illustrations, diagnostic images, and step-by-step surgical photographs offer superb visual guidance. 20 brand-new chapters cover the latest advances in the field, such as DMEK, Ultra-Thin DSEK and DSAEK techniques; endothelial cell transplantation; keratoplasty and prostokeratoplasty techniques; collagen cross-linking; and new refractive surgical techniques (presbyopic implants and SMILE surgery). Boasts over 170 chapters with unique, cutting-edge content, as well as 2,300 clear illustrations – 670 of which are new to this edition. Presents a detailed exposition of the growing number of techniques for lamellar keratoplasty, including outcomes. Includes new sections on the latest developments in the management of ocular surface disease. Key point overviews in each chapter offer easier access to crucial information. First published in 1999. Routledge is an imprint of Taylor & Francis, an informa company. The Patient's Guide to Glaucoma is a very useful educational resource. The authors have done an excellent job of covering the pertinent aspects of glaucoma from the patient's perspective. It provides more complete explanations of aspects of glaucoma care than any other presently available resource. It will be very helpful to patients who want more information about medications, laser, trabeculectomy, tube-shunt surgery, and many other subjects. John S. Cohen, MD Director, Glaucoma Service Cincinnati Eye Institute, Volunteer Clinical Professor University of Cincinnati Drs. Kwon, Greenlee and Fingert are to be congratulated for creating this outstanding educational program on glaucoma. These materials provide an excellent overview of the disease and its treatment. The guide can be read in its entirety or searched to answer specific questions. It is aimed at the intelligent patient seeking to understand his or her disease. The ophthalmologist's best ally in battling glaucoma is a well-informed patient and this guide will serve to develop patients who truly understand their disease. W.L.M. Alward, MD The Frederick C. Blodi Chair in Ophthalmology, Professor of Ophthalmology, Vice-Chair, Dept of Ophthalmology & Visual Sciences, University of Iowa Each issue includes separate but continuously paged sections called: Nuclear medicine, and: Ultrasound. The 'Color Correction Handbook' covers a wide variety of techniques that can be used by colourists, no matter what system they're using. From the most basic methods for evaluating and correcting an overall image, to the most advanced targeted corrections and creative stylizations typically employed, this book covers it all. Uveitis is inflammation of the middle layer of the eye, which is known as the uvea or uveal

tract. It is a complex condition with a variety of causes and clinical manifestations, including injury, infection or an underlying condition. This 1200pp second edition brings ophthalmologists fully up to date with the latest developments in diagnosing and treating uveitis. Beginning with the basic principles of the disease, its diagnosis and management, the following sections discuss the treatment of numerous different infectious, non infectious, masquerade and autoimmune syndromes. Basic science, differential diagnosis, pathology and clinical management are discussed for each condition. Written by specialists from the Massachusetts Eye Research and Surgery Institution (MERSI) and John A Moran Eye Center in the USA, this comprehensive new edition includes 699 colour images and illustrations. Key points Comprehensive, second edition bringing ophthalmologists fully up to date with diagnosis and treatment of uveitis Discusses different uveitis syndromes – infectious, non infectious, masquerade and autoimmune Authored by US ophthalmic specialists Includes 699 full colour images and illustrations First edition published in 2001 by Saunders The editors have gathered 15 laser experts from the United States, Europe and Asia to present the most up to date information in cutaneous laser surgery and intense pulsed light technologies. This innovative book describes new laser techniques (laserlipolysis, fractional photothermolysis, among others) and provides expert guidance on using lasers successfully in over 80 clinical indications.

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