

Cataract Surgery And Phacoemulsification For The Beginning Surgeons

Part of the new series Gems of Ophthalmology, this book provides ophthalmic surgeons with the latest advances in cataract surgery. In 24 chapters, the book begins with an overview of incision making, followed by discussion on different types of lenses. The next section covers a variety of techniques in cataract surgery including phacoemulsification for patients with other existing ocular conditions such as uveitis, glaucoma, and those that have previously undergone vitrectomy procedures. The book concludes with discussion on femtosecond laser-assisted cataract surgery. Complete chapters are dedicated to paediatric cataract surgery and toxic anterior segment syndrome (acute inflammation following generally uneventful cataract and anterior segment surgery). This comprehensive text is further enhanced by clinical and surgical photographs, diagrams and tables. Other topics in the series include: Cornea & Sclera, Diseases of the Uvea, Glaucoma, and Retina. Key points Comprehensive guide to latest advances in cataract surgery Part of the new Gems of Ophthalmology series Covers many basic and more complex procedures Other topics in the series include: Cornea & Sclera, Diseases of the Uvea, Glaucoma, and Retina

Cataract ranks high among the diseases that cause visual disability and blindness in the world. Cataract surgery is the most common surgery performed by an Ophthalmologist. Phacoemulsification is the state of the art in cataract surgery. Learning the technique of phacoemulsification is a major challenge for the trainee and new ophthalmic surgeons. Mastering the technique requires extensive training and a steep learning curve. The authors have discussed the various steps of phacoemulsification and other techniques of cataract surgery like SICS including the difficulties and complications encountered and how to avoid them. A separate chapter deals with the techniques required to get used to an Operating Microscope and the basic principles of the equipments used. Phacoemulsification for the beginning surgeons is to guide the trainee and new surgeons to learn the surgery in the shortest possible time in order to gain the necessary expertise to perform the surgery with confidence. Dr. Munirul Huq and Dr. Mehdi (Matti) Vazeen have extensive experience in cataract surgery and they believe that, the text will help the trainee surgeon to go through the learning curve and gain proficiency and this will also serve as a reference guide at the time of difficulty and complications. The aim is not to replace other textbooks on the topic but to share the experience of the authors for the benefit of the trainee cataract surgeons.

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 surgical procedure, and then go on to evaluate potential complications, where they occur, and how to treat them. Solutions are provided for all complications from simple problems to the most complex--all described by a who's who of leading specialists and educators. From phacoemulsification and vitrectomy, to hydrodissection, hydrodileneation, and phaco-trabeculectomy complications, this outstanding guide is essential for all surgeons performing cataract surgery. Key features of this new clinical reference: Contributions from the best known surgeons and educators in the field 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 context Nearly 300 detailed, full-color illustrations clarify complex concepts and help you visualize key points Offers tips on anticipating problems that lead to complications Provides detailed, step-by-step instructions on how to manage problems after they occur Here is the definitive text for avoiding and treating all types of complications in phacoemulsification, as well as a reliable reference on standard surgical techniques. The information provided is essential for all ophthalmic surgeons.

eye surgeons, clinicians, and residents who need a thorough understanding of the surgical techniques and complication avoidance that benefit their patients.

Every cataract surgeon is afraid of complications, but while complications cannot be entirely avoided, it is possible to learn to master them. This practical book clearly explains how to manage the various complications that may arise during cataract surgery, from a subluxated intraocular lens to a dropped nucleus. It provides the surgeon with clear instructions on how best to proceed in the manner of a cookbook, by first listing the ingredients (equipment), preparation (planning) and then providing step-by-step descriptions of technique with the aid of numerous color illustrations. *Complications During and After Cataract Surgery: From Phacoemulsification over Secondary IOL Implantation to Dropped Nucleus*, 2nd Edition includes fully revised chapters outlining technical developments and new chapters on trocar surgery from pars plana surgical management of a dropped nucleus with a cataract machine. Readers wishing to learn techniques for managing a full range of postoperative complications will find this book to be an essential resource.

Safe and Efficient Methods for Cataract Surgery

Modern Cataract Surgery

Essential Principles of Phacoemulsification

Phacoemulsification

Cataract Surgery

Phacoemulsification refers to the most common technique in modern cataract surgery. *Step by Step*

Phacoemulsification is the third edition of this highly illustrated, pocket-sized guide to the method. *Step by Step Phacoemulsification* includes a DVD-ROM which demonstrates the techniques of phacoemulsification surgery covered in the text, including angle kappa and multifocal glued IOL, IOL scaffold, no-assistant technique and pars plana anterior vitrectomy. The DVD also details complications including lens coloboma, mature cataract, adherent leucoma and posterior synechia.

'Pushing an elephant through a keyhole' underlies the basics of phacoemulsification. It is with a great deal of skill and finesse that ophthalmic surgeons perform phacoemulsification for the benefit of their patients. This two volume text with two accompanying CD-ROMs offers the reader more than enough background knowledge to perform safe phacoemulsification.

Since phacoemulsification is the norm for cataract surgery today, it is essential that the basic steps for this established procedure are mastered by all. In this concise text, the illustrious Drs. Agarwal - Sunita, Athiya and Amar - teach the reader step by step techniques and procedures that make it possible to extract a cataract and implant a lens through the smallest of incisions. In addition to the basics, the authors cover no-anesthesia cataract surgery and the management of complications like dropped nuclei. Clearly presented and easy to follow, *Step by Step Phaco* is prescribed reading for all involved in the routine of cataract surgery.

Cataracts are a very common condition whereby the lens of the eye becomes cloudy causing blurred vision. Over

time, a cataract can get worse, eventually leading to blindness if untreated. Cataracts are the most common cause of blindness worldwide. Phacoemulsification surgery is the most widely used method for cataract management. This book presents the four main phacoemulsification techniques. Beginning with an introduction to each method and the instruments used for surgery, each of the techniques is then described step by step in bullet format, from basics to advanced procedures for complicated cases. Edited by a recognised Swiss specialist, this concise guide includes nearly 100 full colour images and illustrations depicting both correct and incorrect techniques with detailed explanations. Key points First book to bring four main phacoemulsification techniques into one volume Reader friendly, step by step instruction on techniques presented in bullet format Presents both correct and incorrect techniques with explanations Includes nearly 100 full colour images and illustrations Edited by recognised specialist from University of Basel, Switzerland

(small Incision Cataract Surgery).

Expert Consult - Online and Print

Phacoemulsification Surgery

Phaco Chop and Advanced Phaco Techniques

Surely the threat of blindness from whatever cause, is an event faced by an ever-growing segment of our aging population. However, if the cause was cataract formation, over the centuries a definite treatment evolved and became available to help those afflicted with the problem, from couching, through crude extra-capsular Graeffe knife extraction, intra-capsular cataract surgery, and planned extra-capsular surgery, to phacoemulsification (ultrasound or laser). Doctors, therefore, recognized very early that there was one blinding condition which could be treated and in which vision could be improved.

Leading experts in this new field have developed a comprehensive and practical guide to Phacoemulsification. This procedure is now used in over 90 percent of cataract treatments in the USA. Covers both basic and advanced concepts and the latest developments. Beautifully illustrated throughout with full color text, diagrams and photographs.

Describes the latest cataract removal techniques which extract the whole lens, and the techniques for subsequent replacement lens implantation. It explores a number of techniques all aimed at the same objective (to safely remove the whole contents of the lens through the smallest possible incision) without requiring any machine other than the surgeon's brain, hands and simple instruments.

Authored by a broad spectrum of highly respected contributors, this practical and easy-to-use reference includes sections on preoperative considerations, techniques and indications for ECCE and phacoemulsification, future trends for cataract extraction, intraocular lenses, operative complications and the management of postoperative complications, much more.

So You've Got a Cataract?

Phacoemulsification and Intraocular Lens Implantation

Phacoemulsification Cataract Surgery (computer File)

Essentials of Cataract Surgery

Principles and Techniques

Phacoemulsification: Principles and Techniques, Second Edition is perfect for the surgeon interested in learning the concepts, developing skills, and preparing for the actual surgical procedure. This completely revised and updated resource contains a detailed description of the basic technique of phacoemulsification and the special techniques devised by Dr. Buratto and a group of highly acclaimed international surgeons when encountering unusual circumstances. Expert surgeons interested in updating their knowledge and enhancing their operating skills will also benefit from this state-of-the-art tool. This definitive resource couples both the authors' and 84 contributors' diverse experience and knowledge to produce a complete vision of cataract surgery. Included within this completely revised second edition are 768 pages of updated material and more than 962 figures to illustrate this procedure. Modern cataract surgery has continually changed since its inception. The evolution of this procedure has been aided by technological advancements, increased knowledge of the anatomy of the eye, and the improvement of IOLs. Phacoemulsification: Principles and Techniques is a necessary text for all surgeons aspiring to improve their surgical results using the latest techniques available.

New cataract removal techniques, anesthesia and viscoelastic substances, and the implantation of modern intraocular lenses are essential topics in the fast developing field of ophthalmic surgery. This publication provides a comprehensive update discussing these items thoroughly. Special emphasis is given to the management of mature cataract and phacoemulsification in the vitreous cavity. Intraocular lens calculation is highlighted by optical coherence biometry, in particular, the measurements to increase the predictability of intraocular lens implantation. Implantation techniques, incision architecture and wound construction as well as Scheimpflug-photography of foldable intraocular lenses and the prevention of PCO (posterior capsular opacification) are covered. The last two articles emphasize the implantation of special intraocular lenses including piggyback intraocular lens and multifocal intraocular lens implantation. Anterior eye segment surgeons looking for an update on modern cataract surgery will find a wealth of timely information on new techniques and results in small incision cataract surgery in this publication.

Extensively revised, this state-of-the-art 3rd edition of Cataract Surgery offers new perspectives and cutting-edge coverage of the rapidly evolving field of cataract surgery. Roger F. Steinert, MD, along with a who's who of top international experts, delivers comprehensive clinical coverage of the latest surgical techniques, principles, and pearls, as well as expert advice on preoperative assessment and how to avoid and manage complications. Detailed discussions on today's hot topics such as aspheric and presbyopia IOL, phacoemulsification, and more, keep you at the forefront of this burgeoning field. And, more than 1050 illustrations and online videos of cataract procedures give you step-by-step visual guidance. Plus, with Expert Consult functionality, you'll have easy access to the full text online at www.expertconsult.com. Offers practical technical guidance from internationally recognized authorities who describe the techniques as well as offer their best advice on the operative management of cataracts. Presents a logical organization where chapter progress from preoperative evaluation and preparation through the full range of surgical techniques to management of complications. Includes more than 1050 illustrations emphasizing the most common techniques. Provides access to the full-text online at www.expertconsult.com for convenient referencing. Includes a online videos with over 60 minutes of surgical footage performed by the authors, offering you real-time guidance on the full range of the latest cataract surgery techniques, including phacoemulsification in the presence of a small pupil, toric IOL implantation, biaxial microincision cataract surgery, and many others. Features expert hints and tips on the common pitfalls in cataract surgery, including advanced surgical pearls to save you valuable time and help you avoid costly errors. Offers expanded coverage on how to manage complications, to prepare you for the challenges you face. Provides the latest information on phacoemulsification techniques, keeping you on the cusp of these popular procedures. Presents new chapters on Aspheric Multifocal, Accommodating IOLs, Color-filtering IOL, IOL design, and Capsular opacification offering you the latest information in this rapidly advancing area.

The straightforward, concise, and easy-to-read reference manual which is equivalent to having the best instructor offering guidance on what to do next and how to

avoid potential complications is now available in an updated Second Edition. Essentials of Cataract Surgery, Second Edition comprehensively details every step of phacoemulsification cataract extraction surgery, from preoperative evaluation to intraoperative instruction to postoperative care. The basic elements of cataract surgery are presented in a clear and easy-to-read format. Dr. Bonnie An Henderson brings together advice and teaching techniques from the Harvard Intensive Cataract Surgical Training Conference at the Massachusetts Eye and Ear Infirmary. The book provides both beginning and practicing surgeons with personal tips and expert advice from leading cataract mentors of top US ophthalmology residency programs. Inside Essentials of Cataract Surgery, Second Edition are detailed chapters covering fluidics, IOL calculations and design, capsular complications and management, and the latest phaco technology, including femtosecond cataract surgery. Each chapter contains a summary box, highlighting the key points of each topic discussed. Additionally, the included images, diagrams, photographs, and tables enhance understanding of specific topics. With detailed information and expert pearls in a user-friendly format, Essentials of Cataract Surgery, Second Edition is perfect for residents, fellows, medical students, and practicing ophthalmologists looking to improve their surgical techniques.

Phacoemulsification Cataract Surgery

Simplified Phacoemulsification

ECCE and Manual Small-incision Techniques for Cataract Surgery

Conquering Cataract Catastrophes

Simplifying Phacoemulsification

Phaco is a technically more demanding procedure but the visual results are better than ECCE if cases selected appropriately & done correctly.

Rev. ed. of: Phaco chop / [edited by] David F. Chang. c2004.

Cataracts are a very common condition whereby the lens of the eye becomes cloudy causing blurred vision. Over time, a cataract can get worse, eventually leading to blindness if untreated.

Cataracts are the most common cause of blindness worldwide. Phacoemulsification surgery is the most widely used method for cataract management. Simplified Phacoemulsification is a step by step guide to the complete technique of phacoemulsification. Beginning with an introduction to the anatomy and development of the lens, patient selection and the phacoemulsification machine used in the procedure, the following chapters describe the complete process from anaesthesia, suturing and incision, through the different basic and technical aspects of the technique. The final section examines instruments used for phaco surgery. Written in an easy to read, short note format, this comprehensive manual includes more than 280 full colour images and figures to enhance learning. Key points Step by step guide to phacoemulsification Covers complete process from basic anatomy and development, to anaesthesia and suturing, and technical aspects of the procedure Easy to read, short note format Includes more than 280 full colour images, figures and illustrations

Cataract Surgery With Phaco and Femtophaco Techniques offers a unique insight into the evolution

of phacoemulsification machines and the development of new ways to supply energy, as well as new devices that improve fluidics therefore increasing the safety of the phaco and femtophaco surgical procedures. Dr. Lucio Buratto, Dr. Stephen Brint, and Dr. Rosalia Sorce provide a step-by-step approach to everything the surgeon must learn about the physical principles that regulate the fluidics and energy to understand the machine's working during the surgical procedure. **Cataract Surgery With Phaco and Femtophaco Techniques** covers a wide variety of topics, including anterior chamber phacoemulsification, endocapsular techniques, irrigation and aspiration, fluidics and pumps, and principles of femtosecond cataract surgery. Supplemented by more than 300 color illustrations, diagrams, a glossary, and references, all surgeons from beginner to expert will want this unique resource by their side.

Gems of Ophthalmology: Cataract Surgery

Phaco Without the Phaco

From Phacoemulsification Over Secondary IOL Implantation to Dropped Nucleus

Cataract Surgery with Phaco and Femtophaco Techniques

Phacoemulsification in Difficult and Challenging Cases

Phacoemulsification is the cataract extraction technique of choice in the United States, & is rapidly gaining ground across the world. While surgeons continue to achieve safe & rapid results with phaco, they are constantly faced with patients who require special management- 20% of all cases are considered advanced.

Cataract is currently the main cause of avoidable blindness in the developing world and accounts for about 75% of cases worldwide. Small incision manual techniques for cataract surgery, as described in this book, should be in the armamentarium of every cataract surgeon, whether it be in the United States or less affluent countries. Phacoemulsificat

For thousands of years, cataract surgery continues to be the "pearl" of ophthalmic surgery. It is explained by the fact that cataract removal always leads to an increase in visual acuity of patients. A new technology of cataract removal, phacoemulsification, was introduced by Charles Kelman in 1967. Despite this, it was difficult for the surgeons to transform from extracapsular cataract extraction to the new method - phacoemulsification. Recently, in the ophthalmological practice, the method of femtolaser cataract surgery (FLACS) has been introduced. This method allows you to automatically perform the basic stages of cataract surgery - corneal incisions, capsulorhexis, nucleus fracture. At the same time, to apply the various techniques of cataract surgery, the surgeon must possess virtually all the necessary techniques. This is dictated by the fact that, as a rule, cataract itself is rarely isolated - senile. Knowledge of the basic rules of cataract surgery, the use of pupillary rings and iris retractors in narrow pupils, the use of capsular rings in subluxations of the lens, the use of special modes of phaco in severe late cataracts, and a comprehensive clinical way of thinking can undoubtedly reduce the complications of cataract surgery.

This book provides ophthalmic surgeons with a concise, clinical guide to performing the fundamentals steps in phacoemulsification cataract

surgery. Clear diagrams and images are used throughout and the information can be adapted to a particular consultant ' s own technique once the surgical principles are understood. The chapters serve as a modular framework that allows for safe, effective learning of skills and use as a clinical training resource. Phacoemulsification Cataract Surgery serves as a helpful teaching aid for consultants, especially newly appointed, who have little experience in teaching. Basic fundamental rules are provided as a guide for training others to improve surgical techniques in clinical practice. Recently qualified and experienced consultants will find this book to be an indispensable resource for learning and teaching in the area of phacoemulsification cataract surgery.

Technique, Complications & Management

What You Need to Know About Cataract Surgery: a Patient's Guide to Modern Eye Surgery, Advanced Intraocular Lenses & Choosing Your Surgeon

Health Outcomes from Cataract Surgery Using Phacoemulsification

Complications During and After Cataract Surgery

Phaco Nightmares

Cataract Surgery And Phacoemulsification For The Beginning Surgeons Author House

Phacoemulsification with a small incision is the most common method of removing cataracts used today. Despite its popularity it is a technique that requires great skill and much practice. This book presents a broad overview of the technique, its complications and pitfalls and pays particular attention to management of patient pain and other clinical complications that may affect the operation's success.

This book, in a concise format, explains how to perform manual small incision cataract surgery. The procedure is broken down into the chief elements and described in a step by step manner. Besides the description of the procedure, the book covers indications, necessary supplies, preparation, complication management, and postoperative care. The authors are experts from around the world, and the book will be of value both for surgeons new to this technique and for experienced surgeons who need a review of the procedure. While phacoemulsification surgery has now become the standard of care, understanding how to perform manual extracapsular cataract extractions competently is crucial when faced with complications during phacoemulsification surgery, when operating in a region of the world without access to phacoemulsification or femtosecond lasers, or when a manual approach may be a better choice for the patient.

A BOOK ABOUT CATARACTS FOR PEOPLE WITH CATARACTS. NO COMPLEX MEDICAL TERMINOLOGY! - from one of America's Most Compassionate Doctors, Dr. David Richardson Why YOU NEED This Cataract Surgery Book It's a curious thing. People with cataracts often have very poor vision, making it difficult for them to read. And yet, their physicians typically ask them to sift through stacks of educational pamphlets and paperwork on cataracts. The documents are often single-spaced with small print and thin margins - in short, a nightmare for someone with cataracts. What's more, the information is oozing with hard-to-understand medical jargon and procedural terminology. I really want my cataract patients to have an entirely different experience. That's why I went to work on "So, You've Got a Cataract?" This is a book about

cataracts for people with cataracts. My goal is to provide the information you need to learn about your eye's condition and to make good, safe decisions about treatment. The book covers, in a language that anyone can understand, basic information about how the eye works and what is useful to know about a cataract. If you are considering modern cataract surgery, you'll find most of what you need to know within the pages of this book. You'll learn what happens during the actual procedure and what to expect afterwards. The larger page size and Kindle eBook format were specifically chosen for this project as they allow for enlarging the text size making it easier for those with poor vision to read. Buy a Book. CHANGE A LIFE! Proceeds from the sale of this book will be donated to a non-profit organization devoted to preventing blindness. When you buy the book, you are not only educating yourself, but helping change lives as well.. What You Will Learn... About Cataracts How the Eye Works What Is a Cataract? Cataract Symptoms When to Consider Treatment Myths about Cataract Treatment What You Need To Know About Cataract Surgery Modern Cataract Surgery A word about no-stitch surgery Preparing For Cataract Surgery The Weeks Before Surgery The Night Before Surgery What To Expect The Day of Surgery At the Surgery Center After the Procedure The Days After Surgery Activities Why You Might Still Need Glasses Intraocular Lenses Why You Need An Implant Your Options The Decision Points Risks of Cataract Surgery Possible Complications Cataract Surgery and Glaucoma If You Have Early or Well-Controlled Glaucoma If Your Glaucoma is Moderate or Requires the use of Drops If You Have Advanced or Poorly-Controlled Glaucoma Cataract Surgery with Other Diseases Diabetic Retinopathy Macular Degeneration Prostate Medications A Word About Laser Cataract Surgery Enter the Femto Laser Appendices How To Choose A Cataract Surgeon Sample Document "INFORMED CONSENT"

Illustrative Guide to Cataract Surgery

Cataract Surgery And Phacoemulsification For The Beginning Surgeons

Phacoemulsification, Fourth Edition

Phacoemulsification, Laser Cataract Surgery and Foldable IOLs

Manual Small Incision Cataract Surgery

With improved technology, external forces, and new information, your perspective and how you approach surgery will change. This book will help you reevaluate phacoemulsification, and your individual technique. Paul discusses important procedures such as Hydrodissection, Divide & Conquer, the Phaco Chop, Stop & Chop, and now ViscoExpression and Vacuum-Cleaner Phacoemulsification, clarifying each in his easy to understand style.

Phacoemulsification, the gold standard for cataract extraction, is highly successful. However, the procedure is not without risks and complications. Poor visual outcome, retinal detachment, infection, diplopia, and cornea and iris problems may pose considerable challenges. Additional potential problems arise from implanting the intraocular lens (IOL). Edited by a renowned master surgeon and educator in the field, and authored by a remarkable cast of cataract experts, this is the

definitive text on managing cataract surgery, with practical guidance on recognizing and managing complications, should they arise. Experts demonstrate the right way to perform phacoemulsification and diverse surgical and intraocular lens implantation procedures in order to reduce risk and improve patient outcome. This second edition is greatly expanded in size and scope to accommodate the latest state-of-the-art methodologies and refinements in surgical strategies. Since the first edition was published, new techniques for refractive cataract surgery, vitrectomy, IOL exchange, and management of IOL implantation without capsular bag support have been improved. Additionally, new technologies have been introduced such as optical coherence tomography, FLACS (femtosecond laser surgery), and implantation of toric and multifocal refractive IOLs, as well as methods to improve IOL power calculation and decision making. Highlights A stellar group of national and internationally renowned eye surgeons provide invaluable clinical pearls gleaned from years of refining procedures Surgical videos further elucidate the most optimal surgical strategies More than 600 superb illustrations Management of challenges including small pupils, IFIS, zonular weakness, inadequate capsular support, vitrectomy, corneal burns, high astigmatism, dysphotopsias, and endophthalmitis This invaluable reference will help ophthalmologists refine their expertise, resulting in fewer risks and more efficacious outcomes. It is a must-have resource for ophthalmology residents and proficient surgeons alike.

This book provides comprehensive knowledge and information about the various aspects of Phacoemulsification Surgery. World-renowned phacoemulsification surgeons from developed and developing countries have come together to address the complex issues of phacoemulsification surgery in a simple and effective manner. These contributors enlighten the reader with their knowledge and vast experience in both basic and advanced surgical skills in a lucid and practical style. Topics Include Preoperative Evaluation for Phacoemulsification Surgery Adjuncts in Phacoemulsification The Surgical Technique of Phacoemulsification Anesthesia Techniques Wound Construction Capsulorhexis Hydromaneuvers Basic and Advanced techniques of Nuclear Emulsification Phacodynamics, Machines and Ancillary Instruments Microincision Cataract Surgery Irrigation and Aspiration Phaco Profile Intraocular Lenses including the technique of Intraocular Lens Implantation, Intraocular Lens Explanation and Exchange Phacoemulsification for Residents Conversion of Phacoemulsification to Extracapsular Cataract Extraction Complications of Phacoemulsification: Prevention and Management.

Accompanying CD-ROM contains over 45 minutes of live video that demonstrates many of the techniques discussed inside the pages of Phaco Nightmares.

Management of Complications in Ophthalmic Plastic Surgery
A Practical Guide to Phacoemulsification

Strategies for Complicated Cataracts

Clinical Practice in Small Incision Cataract Surgery

Step by Step Phacoemulsification

This book provides ophthalmic surgeons with a concise, clinical guide to performing the fundamentals steps in phacoemulsification cataract surgery. Clear diagrams, images, and videos are used throughout and the information can be adapted to a particular consultant's own technique once the surgical principles are understood. The chapters serve as a modular framework that allows for safe, effective learning of skills and use as a clinical training resource. Phacoemulsification Cataract Surgery serves as a helpful teaching aid for consultants, especially newly appointed, who have little experience in teaching. Basic fundamental rules are provided as a guide for training others to improve surgical techniques in clinical practice. Recently qualified and experienced consultants will find this book to be an indispensable resource for learning and teaching in the area of phacoemulsification cataract surgery.

"Illustrative Guide to Cataract Surgery by Dr. Amar Agarwal is a unique book that includes clinical photographs, medical illustrations, and videos to explain the most common techniques and steps in cataract surgery. With more than 700 illustrations ophthalmologists and residents will visually learn the most essential procedures in cataract surgery, photo-by-photo. The content, comprised from leading ophthalmic surgeons, is structured into systematically divided sections such as phaco surgery, microincisional cataract surgery, challenging cases, and complications. It allows for quick reference, without having to search through voluminous books. Each image is supplemented with concise, informative text that helps further explain the techniques. In addition, video instruction is offered through a companion website, with each book purchase. Using the same approach as the book, the website presents videos that match each technique or step in cataract surgery. Just a few of the procedures explained: Vertical chopping Bioxial microincisional cataract surgery Posterior Polar Cataract Iris hooks in small pupil phaco Injectable glued IOL And more With a combination of matching photos and illustrations alongside brief text and website, Illustrative Guide to Cataract

***Surgery stands apart from traditional books"--Provided by publisher.
Comprehensive coverage of new developments and techniques in phacoemulsification,
including a DVD Rom.***

***The History of Modern Cataract Surgery
Complications in Phacoemulsification
Avoidance, Recognition, and Management
Cataract Surgery Update
Small Incision Cataract Surgery (Manual Phaco)***