

Vitreoretinal Surgical Techniques Second Edition By Gholam A Peyman 2006 12 13

This single, comprehensive source describes the current knowledge of the pathogenesis and management of retinal detachment. It presents various methods used to treat retinal detachments and differing opinions on the safety and efficacy of techniques. And, it also discusses the management of predetachment lesions, subclinical detachments, complicated cases and the fellow eye.

Imagination is the key to any discovery, and its presence in the science to improve vision is no exception. Vision science is racing forward, spurred on by a host of exciting novel research discoveries and the efforts of scientists. This book, a collection of reviewed and relevant research chapters, intends to provide readers with a comprehensive overview of the latest and most advanced findings in several aspects of ophthalmology, ophthalmic pathology, ocular imaging, and certain treatments and surgical strategies. It is an excellent, well-integrated review of treatment options in eye disease that aims to provide a thorough overview of the recent developments written by international authors. "Frontiers in Ophthalmology and Ocular Imaging" can be used as an important reference for clinically oriented ophthalmologists and scientists.

This book provides a practical overview of pathology and interventions in the suprachoroidal space of the eye. Concise and well-structured chapters examine anatomy, physiology and pathophysiology, suprachoroidal haemorrhage, choroidal effusions and ocular hypotony management, imaging, suprachoroidal buckling for retinal detachment, drug delivery, suprachoroidal glaucoma devices, subretinal gene therapy and suprachoroidal retinal implant. Suprachoroidal Space Interventions meets the need for a book that improves awareness of established and novel interventions in the suprachoroidal space, particularly as it has been increasingly recognised as a potential space for glaucoma surgery, drug deliveries and retinal surgery.

Ophthalmologists and scientists with an interest in glaucoma and retinal surgery will find the book to be an easy to use reference tool for a rapidly developing area of ophthalmology that can be applied in modern clinical practice.

The undisputed gold standard text in the field, Ryan's Retina is your award-winning choice for the most current, authoritative information on new technologies, surgical approaches, scientific advances and diagnostic and therapeutic options for retinal diseases and disorders. Packed with timely updates throughout, new illustrations, and a dedicated team of editors who extend Dr. Ryan's legacy in retina, this outstanding 6th Edition is a must-have reference for retinal specialists, ophthalmologists, and fellows in training. Offers the most comprehensive content available on retina, balancing the latest scientific research and clinical correlations, covering everything you need to know on retinal diagnosis, treatment, development, structure, function, and pathophysiology. Provides a truly global perspective from five highly esteemed section editors and more than 350 other world authorities from across Europe, Asia, Australasia, and the Americas. Includes new chapters on widefield imaging, intraoperative OCT imaging, medical management of diabetes mellitus and age-related macular degeneration, and senile retinoschisis. Includes more than 1,150 brand-new illustrations, scans, and photographs throughout. Covers the explosion of new imaging options across optical coherence tomography (OCT), fundus imaging, and autofluorescence imaging, including a greatly expanded OCT imaging chapter that features crucial information on OCT-Angiography (OCT-A). Presents new pharmacotherapy data and the latest approaches in anti-VEGF therapy for age-related macular degeneration, diabetic retinopathy, and venous occlusive disease. Contains thorough content updates in every area of retina, including advanced imaging technologies, gene therapy, inflammation and immune responses, white dot syndromes, epigenetic mechanisms, transplantation frontiers to improve retinal function, macular hole, myopic eye disease, ocular trauma, drug delivery to the posterior segment, advances in macular surgery, vitrectomy and complex retinal detachment, tumors, and retinal genetics and biology.

-Compares the 4 main techniques for repair of primary retinal detachment -Written by leading experts in the field -A "hands-on" guide for the retina and vitreous surgeon -Contains instructive, color computer drawings and tables

The text provides basic and comprehensive coverage of all aspects of surgery for the vitreous and the retina. The key to this volume is that it is technique based, thus giving the surgeon clear instructions on how to perform vitreoretinal surgery. Not only is this book authoritative, it is practical. Each chapter is fully illustrated with the steps performed in the actual surgical operation. Designed to be a concise and easy-to-read reference manual that comprehensively covers the basics of every step of modern cataract surgery from preoperative evaluation to postoperative care. Detailed instructions and pearls are provided for each specific step. Each chapter contains a summary box which highlights the key points from each topic discussed. Additionally, images, diagrams, photographs, and tables are included to enhance understanding of specific topics.

With more than 5,000 images and comprehensive illustrations of the entire spectrum of vitreous, retina, and macula disorders, The Retinal Atlas, 2nd Edition, is an indispensable reference for retina specialists and comprehensive ophthalmologists as well as residents and fellows in training. For this edition, an expanded author team made up of Drs. K. Bailey Freund, David Sarraf, William F. Mieler, and Lawrence A. Yannuzzi, each an expert in retinal research and imaging, provide definitive up-to-date perspectives in this rapidly advancing field. This award-winning title has been thoroughly updated with new images with multimodal illustrations, new coverage and insight into key topics, and new disorders and classifications making it the most useful and most complete atlas of its kind. Provides a complete visual guide to advanced retinal imaging and diagnosis of the full spectrum of retinal diseases, including early and later stages of disease.

Enhances understanding by presenting comparison imaging modalities, composite layouts, high-power views, panoramic disease visuals, and selected magnified areas to hone in on key findings and disease patterns. Features color coding for different imaging techniques, as well as user-friendly arrows, labels, and magnified images that point to key lesions and intricacies. Covers all current retinal imaging methods including: optical coherence tomography (OCT), indocyanine green angiography, fluorescein angiography, and fundus autofluorescence. Depicts and explains expanding OCT uses, including spectral domain and en face OCT, and evolving retinal imaging modalities such as ultra-wide-field fundus photography, angiography and autofluorescence. Presents a select team of experts, all of whom are true international leaders in retinal imaging, and have assisted in contributing to the diverse library of common and rare case illustrations.

Authored by world-renowned eye surgeons and teachers, the second edition of this book is a step-by-step guide to common eye surgery and laser procedures. The book opens by reviewing the fundamentals of ophthalmic surgery. Chapters are then grouped into separate sections that address cataracts, corneal diseases, refractive surgery, eye trauma, glaucoma, oculoplastics, pediatric ophthalmology and strabismus, and vitreoretinal diseases. Each chapter provides concise descriptions guiding clinicians through indications, preoperative preparation, instrumentation, operative procedure, postoperative care, and potential complications for each procedure. Highlights of this edition: Succinct instructions and consistent, easy-to-follow presentation enables rapid reading and review More than 600 expertly drawn illustrations aid comprehension of each surgical step With its concise presentation and easily accessible format, this edition of Ophthalmic Surgical Procedures is a practical refresher for experienced eye surgeons who would like to enhance their clinical armamentarium. It is a must-have resource for all medical students, residents, and fellows in ophthalmology as well as ophthalmic technicians and nurses seeking to avail themselves of the latest information on state-of-the-art procedures.

This unique and informative manual introduces residents and fellows to vitreoretinal surgery and is also an ideal source to aid the experienced surgeon in refining techniques and learning alternative methods. * Incorporates new surgical procedures, including macular hole surgery * Contains numerous anatomic drawings illustrating the surgical procedures * Benefit from contributors clinical expertise

The vitreous humour is a clear gel positioned behind the iris (coloured part) and the lens, and in front of the retina (back of the eye). Vitrectomy is the surgical removal of the vitreous humour, a procedure needed to allow ophthalmic surgeons to diagnose and treat underlying disease in the eye. This new edition provides a step by step guide to vitrectomy surgeries. Beginning with a description of the anatomy and physiology, the role of optical coherence tomography and anaesthesia, the following chapters discuss vitrectomy procedures for different ocular diseases and disorders. Written by a recognised Spanish author and editor team, the second edition includes new chapters, more than 350 full colour images and illustrations, and a DVD demonstrating vitrectomy surgery. Key points Step by step guide to vitrectomy surgery Includes new chapters Features more than 350 colour images and illustrations Includes DVD Spanish author and editor team Previous edition published in 2006

This book provides the vitreoretinal surgeon with advice and guidance on how to treat and manage the unpredictable complexities and potential intra- and postoperative complications that are encountered during the course of vitreoretinal surgery. Internationally renowned surgeons share their extensive surgical experience in a clearly written and well-illustrated format, delivering helpful practical answers to the important problems frequently confronted in this ever-challenging area of ophthalmic surgery. Management of Complicated Vitreoretinal Diseases will appeal to surgeons young and old, and will find its home not only in the library but also in the office and the operating room itself. The open and positive way in which the many scenarios and difficulties encountered in surgery are confronted will improve the expertise of the surgeon and, most importantly, the outcomes for patients.

This book covers the entire range of vitreoretinal surgeries. The first section covers essential information about the anatomy and the appropriate diagnostic techniques which helps in preoperative evaluation. The second section is on surgical instrumentation, and includes adjuncts used in VR surgery. Advanced instrumentation such as 3D visualization system, endoscopic vitrectomy and robotic surgeries are well described in the chapters. The later sections deal with the surgical technique for different disease entities. Management of posterior segment complication of anterior segment surgeries such as cataract and keratoprosthesis are reviewed in detail. A section on gene therapy has been incorporated. This book will help the reader to gather a detailed round-up of basics of and advances made in the field of vitreoretinal surgery. It is supplemented with videos. This book is meant for practicing retinal surgeons, those in training as well as students with interest in vitreoretinal surgery.

This is a comprehensive, practical guidebook that provides a clear overview and update of current modern techniques of ocular surgery. The chapters will be of interest to a wide audience. The chapters are written by experts with special interest and extensive clinical experience in the topics.

The management of major vitreoretinal diseases has changed dramatically since publication of the first edition in 1999. The field continues to evolve rapidly and is becoming an increasingly complex, multifaceted practice of medicine and surgery. As such, retinal specialists are faced with increasingly sophisticated diagnostic and therapeutic modalities to learn and master. Contributors to this completely updated reference are renowned experts in retinal disease and vitreous disorders. Divided into four essential sections, the book starts with a basic overview of posterior segment anatomy and physiology. The second section reviews the spectrum of diagnostic tools used in the field from relatively low technology such as the indirect ophthalmoscope to the latest, state-of-the-art optical coherence tomography test. The third and most comprehensive section covers disease states, subdivided into eight categories: retinovascular conditions, macular diseases, inherited vitreoretinal conditions, inflammatory conditions, intraocular tumors, vitreous and retinal detachments, trauma and toxicity, and fundus conditions. The text concludes with specific vitreoretinal procedures. Key Features New technologies including spectral domain optical coherence tomography (OCT), intravitreal injections, and microincisional vitrectomy The utilization of multifocal electroretinography, scanning laser ophthalmoscopy, and fundus autofluorescence Advances in treatment of macular edema and age-related macular degeneration with anti-VEGF therapy Summaries of the latest and most important clinical trials Richly illustrated with more than 700 color state-of-the art retinal images and surgical procedure drawings Clinical pearls, controversies, and special considerations highlighted in color boxes in every chapter This up-to-date, clinically-oriented resource will greatly benefit ophthalmology residents and ophthalmologists with comprehensive practices.

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.

This is a comprehensive guide to the diagnosis, clinical management, surgery, and postoperative management of many retinal disorders. As such it will be invaluable to both trainee and consultant ophthalmologists but will also be useful to optometrists and ophthalmic opticians who are becoming increasingly involved in the diagnosis and treatment of ophthalmic disorders. The authors bring a wealth of experience in this field and present methods to help maximize the benefits of surgery.

Clinical Scenarios in Surgery: Decision Making and Operative Technique presents 125 cases in all areas of general surgery: GI, breast, hepatobiliary, colorectal, cardiothoracic, endocrine, vascular, trauma, pediatric, critical care, and transplant. Each full-color case begins with a patient presentation and proceeds through differential diagnosis, diagnosis and treatment, surgical procedures, postoperative management, and a case conclusion. Each case includes key technical steps, potential pitfalls, take-home points, and suggested readings. The patient stories in these clinical scenarios provide context to facilitate learning the principles of safe surgical care. This book will be particularly useful for senior surgical residents and recent graduates as they prepare for the American Board of Surgery oral examination.

In the ever-changing field of vitreo-retinal surgery, the factor that may best distinguish a great surgeon from a good one is the ability to avoid and manage complications. Within the pages of Complications of Vitreo-Retinal Surgery, readers will discover the practical information ophthalmic surgeons need to address a wide range of intra- and postoperative complications associated with vitreo-retinal surgery. The text addresses a broad range of complications, occurring in both established and emerging surgical techniques. Each potential complication is analyzed in detail, including information on pathogenesis and risk factors. Chapters are organized by potential complication, with each addressed by a single contributing author as if he/she is the surgeon on the case. While created specifically for vitreo-retinal surgeons, this book will provide useful information for other members of the surgical team as well as for general ophthalmologists, residents, and optometrists who see patients before and after vitreo-retinal procedures.

Operative Techniques in Surgery is a new comprehensive, 2-volume surgical atlas that helps you master a full range of general surgical procedures. Ideal for residents as well as experienced surgeons, it guides you step-by-step through each technique using concise, bulleted text, full-color illustrations, and intraoperative photographs to clarify exactly what to look for and how to proceed.

Since publication of the first edition of this book in 2012 vitreoretinal surgery has marched with huge steps forward. In 2012 23G was standard, today 25G and 27G are the most commonly used gauge sizes for vitrectomy. In 2012 the cutting rate was 5.000 cuts/min and today with the development of a novel vitreous cutter the cutting rate has increased to 16.000 cuts/min. The advent of 25G/27G made the instruments smaller and surgery less traumatic. Practical Handbook for Small-Gauge Vitrectomy: A Step-By-Step Introduction to Surgical Techniques, 2nd Edition focuses on these new developments and features new chapters on PVR detachment, intraocular tumour, macular translocation, sub macular hemorrhages and ocular trauma. The surgeries are demonstrated step-by-step and the material is shown in detail and videos visualize the surgery. This book will serve as an immensely useful guide for all surgeons who are intending to make use of this exciting and increasingly used technique.

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?

Written by a pioneering leader in the development of vitreoretinal surgical techniques and instruments, Vitreous Microsurgery is a comprehensive how-to guide to all vitreoretinal procedures. This thoroughly updated Fifth Edition describes many new techniques and refinements of established procedures. More than 170 three-dimensional full-color illustrations—many by the Charles Retina Institute's resident medical artist, Byron Wood—enable surgeons to clearly visualize the techniques. This edition has new chapters on the Constellation vitrectomy system, uveitis, retinal complications of permanent keratoprosthesis, and anti-VEGF therapy and completely rewritten chapters on anesthesia and on retinopathy of prematurity. All illustrations have been updated, the majority to a 25-gauge approach instead of 20-gauge, and many new illustrations have been added. Many techniques and parameters unique to 25-gauge sutureless vitrectomy are discussed in detail. A companion website offers the fully searchable text and an image bank.

Since the introduction of vitrectomy in the 1970s, vitreoretinal surgery has rapidly developed. Initially, new instrumentations were created to facilitate intraocular maneuvers and to treat almost all the vitreoretinal pathologies. High speed vitrectome probs, forceps, scissors, endolaser probes, and new light sources (xenon/photon light) permit us to perform safer surgeries. However, in

the last few years the approach to vitreoretinal surgery has changed with the introduction of small gauge instruments and sutureless surgery. At present there is still confusion among vitreoretinal surgeons about the use of 25-, 23- or 20-gauge sutureless systems. Leading surgeons in the field were recruited to offer their insights into the sutureless techniques they perform. Topics dealt with in the book include: - fluidics and technical characteristics of 23- and 25-gauge systems, - basic vitrectomy techniques of 23- and 25-gauge systems, - sclerotomy characteristics of the sutureless approach, - advantages and disadvantages of the sutureless technique, - vitreoretinal pathologies treated with 23- and 25-gauge systems, - complications of the sutureless technique, - current clinical data.

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?"

Concise, authoritative, and easy to navigate, The Duke Manual of Vitreoretinal Surgery offers a step-by-step, highly illustrated approach to the most commonly performed vitreoretinal operating room procedures. Ideal for vitreoretinal surgeons, ophthalmology residents, retina fellows, and OR nurses and scrub techs, it contains practical guidance from the highly esteemed vitreoretinal surgery fellowship program at Duke University making it an unparalleled "how-to" manual for the wide variety of cases and operative scenarios you may encounter.

In this second English-language edition, existing chapters have been completely revised and new chapters added. The number of illustrations has been expanded and new terminology included. The novel how-to approach emphasizes basic principles that will help experienced as well as beginning eye surgeons master the unexpected.

Macular Surgery, Second Edition serves as a comprehensive and contemporary review of macular diseases and their management. An exhaustive review of the latest proven surgical techniques and therapies for treatment of macular disorders is provided, with emphasis on proven techniques from extensive reviews of controlled clinical trials. Specific chapters of the book are devoted to age-related macular degeneration, diabetic retinopathy, macular holes, epiretinal membranes, subretinal hemorrhage, and choroidal neovascularization. An entire section is devoted to prevention of complications from macular surgery. All chapters are written by leading experts within the field.

The second edition of this comprehensive, 1032-pages text and atlas provides ophthalmic surgeons and trainees with the latest advances and techniques in their field. Divided into ten sections, the book begins with an overview of the basic principles of ophthalmic surgery. Each of the following sections is dedicated to surgical procedures for diseases and disorders in different parts of the eye. Surgical techniques are explained in a step by step format and each section is colour-coded for easy cross reference and navigation. Ethics and medico-legal issues are also discussed in depth. Authored by internationally recognised experts in ophthalmic surgery, this new edition has been fully revised and updated. Nearly 1000 clinical photographs, illustrations and tables further enhance the extensive text. Key points Comprehensive text and atlas providing latest advances and techniques in ophthalmic surgery Fully revised, second edition with nearly 1000 photographs, illustrations and tables Internationally recognised author team Previous edition (9789351525004) published in 2015

Unlike any other source on the subject, this broad-ranging guide discusses the pathology, diagnosis, and treatment of 120 eyelid disorders including benign lesions, malignant tumors, and acquired and congenital malpositions and diseases. Written by leading researchers practiced in the analysis and management of these conditions, this source is a mu

This book is a comprehensive guide to the diagnosis and management of retinal diseases and disorders. Divided into nine sections, text begins with an introduction to basic sciences and diagnostics. The following sections provide in depth coverage of both medical and surgical treatment of various disorders – retinal degeneration and fundal dystrophies, macular disease and degeneration, retinal vascular disorders, paediatric retinal disease, choroidal and retinal inflammations, trauma, and problems requiring surgical intervention. The final section discusses miscellaneous conditions such as ocular tumours, toxic and photic retinopathies, and phakomatoses. Highly illustrated with clinical photographs, OCT and angiography images, and tables, the book provides online access to a selection of videos demonstrating surgical procedures covered in the text. Key points Comprehensive guide to diagnosis and management of retinal diseases Covers both medical and surgical treatments Highly illustrated with clinical photographs, OCT and angiography images, and tables Provides online access to videos demonstrating surgical procedures

Comprehensive guide to latest techniques in vitreoretinal surgery. Includes complete section on paediatric retinal surgery.

This is the second edition of a highly successful textbook that in many areas has become the preferred manual of vitreoretinal surgery. It provides a complete guide to all common vitreoretinal surgical procedures and also covers diagnosis and other aspects of management. The book is designed to allow a trainee or professional vitreoretinal surgeon to determine the best methodology in individual cases. In order to acquaint the reader with different opinions, "surgical pearls" have been contributed by other international experts in the field. These have proved popular in the past as an illustration of alternative

methods, without detracting from the overall method described by the main author. Vitreoretinal Surgery will continue to prove particularly popular amongst trainees, but will also be of value to practicing professionals who need help in the management of difficult and rare cases. The text is backed up by the provision of videos of some aspects of the surgery.

"Essentials in Ophthalmology" is a new review series covering all of ophthalmology categorized in eight subspecialties. It will be published quarterly, thus each subspecialty will be reviewed biannually. Given the multiplicity of medical publications already available, why is a new series needed? Consider that the half-life of medical knowledge is estimated to be around 5 years. Moreover, it can be as long as 8 years between the first description of a medical innovation in a peer-reviewed scientific journal and publication in a medical textbook. A series that narrows this time span between journal and textbook would provide a more rapid and efficient transfer of medical knowledge into clinical practice, and enhance care of our patients.

This book is a comprehensive guide to retina and vitreous surgery for practising ophthalmic surgeons. Each procedure is presented in a step by step format with discussion on theoretical background, retina pathophysiology, clinical signs and symptoms, investigations, differential diagnosis, and practical surgical steps with case discussions and numerous intraoperative photographs and surgical diagrams. The book is accompanied by ten DVD ROMs demonstrating 158 surgical procedures, and edited by internationally recognised ophthalmic specialists. Key Points Comprehensive guide to retina and vitreous surgery for ophthalmic surgeons Procedures presented in step by step format Book accompanied by ten DVD ROMs demonstrating 158 surgical procedures Highly illustrated with nearly 800 clinical photographs, diagrams and figures

This book is exceptional in explaining not only when and how but also why vitrectomy is performed – an additional focus that will help trainee surgeons to develop their own critical thinking. Uniquely, the book's first part describes "the life of the vitreoretinal surgeon" to help residents decide whether the field is indeed suitable for them, and if yes, how they can chart their own course in the absence of a formal fellowship program. The second and third parts discuss the fundamentals in VR surgery, such as the general philosophy underlying vitrectomy, equipment, examination, timing, anesthesia, the surgeon's posture, and the organization of the operating room. The final two parts are dedicated to surgical strategy and tissue tactics, reviewing the principles of surgical maneuvers and the practical sides of diagnosis-specific issues. An appendix is also included, which offers additional guideposts for the aspiring trainee surgeon, including a description of how an ideal mentor should act in surgery. The book is written in an easy-to-follow format with bullet points and text boxes, and has well over 250 color images and line drawings as well as over 60 tables.

Vitreoretinal Surgical Techniques, Second Edition provides basic and comprehensive coverage of all aspects of surgery for the vitreous and retina. It provides an array of techniques useful not only to ophthalmologist in training but also to the practicing vitreoretinal specialist. This superb and invaluable text is both authoritative and practical as experienced practitioners explain their surgical approach in step-by-step illustrations of operative techniques. This new edition, contains 87 chapters with almost 900 illustrations, most of which are in color. Vitreoretinal Surgical Techniques, Second Edition will be essential for vitreoretinal specialists, comprehensive ophthalmologists, residents, and fellows, as well as in training programs and libraries.

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