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Forthcoming
S.P. Chee, M. Khairallah (Eds.)

Emerging Infectious Uveitis
This book reviews the various emerging infectious diseases that show a significant association with uveitis, describing and explaining their ocular manifestations with the aid of color illustrations. In addition, it presents brief reports of further emerging infections that are associated with uveitis in rare cases. The coverage is wide ranging, encompassing diverse emerging bacterial, viral, parasitic and fungal infections. Individual chapters are also devoted to important re-emergent diseases such as syphilis and tuberculosis, with the focus on new data on epidemiology, diagnosis and management. Emerging infectious diseases are defined as “those whose incidence in humans has[...]

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Forthcoming
C. Cursiefen, A.S. Jun (Eds.)

Current Treatment Options for Fuchs Endothelial Dystrophy
This book provides state-of-the-art information on modern minimally invasive lamellar transplant techniques for Fuchs endothelial dystrophy (FED), such as Descemet stripping automated endothelial keratoplasty (DSEAK) and Descemet membrane endothelial keratoplasty (DMEK). In addition to clear step-by-step descriptions of procedures, guidance is offered on donor tissue preparation, potential intra- and postoperative complications, and complication management. Future treatment options in the form of medical, cell-based approaches are also discussed. To complete the picture, relevant information is included on the pathophysiology, clinical features, and differential diagnosis of FED. This[...]

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Forthcoming
P.V. Gabel (Ed.)

Artificial Vision
A Clinical Guide
This book presents and analyses the most recent research dedicated to restoring vision in individuals who are severely impaired or blind from retinal disease or injury. It is written by the leading groups worldwide who are at the forefront of developing artificial vision. The book begins by discussing the difficulties in comparing and interpreting functional results in the area of very low vision and the principal prospects and limitations of spatial resolution with artificial tools. Further on, chapters are included by researchers who stimulate the surface or the pigment epithelial side of the retina and by experts who work on stimulating the optic nerve, the lateral geniculate body[...]

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Forthcoming
M.L. Durand, J.W. Miller, L.H. Young (Eds.)

Endophthalmitis
Endophthalmitis is a serious eye infection that can cause blindness if not promptly diagnosed and appropriately treated. The goals of this book are to provide the latest information about endophthalmitis and offer recommendations for diagnosis and treatment. Each chapter is written by experts in the field with the practicing clinician in mind. Several chapters focus on the major types of endophthalmitis such as postoperative, post-intravitreal injection, bleb-related, exogenous fungal, chronic, and endogenous endophthalmitis. Other chapters describe endophthalmitis in special populations such as diabetic or immunocompromised hosts or those with a glaucoma drainage device[...]

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Forthcoming
A. Chakrabarti (Ed.)

Atlas of Ocular Anatomy
This book is a practical and concise atlas on ocular anatomy, with an emphasis on applied aspects and hints for easy retention strategies. The vast color illustrations and photographs consist of self-explanatory, precise, and meaningful representations of the points covered in the text. Covering chapters such as bony socket of the eye, extraocular muscles, eyelids, cornea and lens, and neurology of the eye, Atlas of Ocular Anatomy gives a summary of the important and relevant points for each topic, separating out the essential from the nonessential elements. Complete with representative schematic line diagrams and full color photographs, this atlas features the correlation between[...]

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Forthcoming
M.W. Ansari, A. Nadeem

Posterior Capsular Rent
Genesis and Management
This book deals with a potentially sight threatening complication - rupture of the posterior capsule – during cataract surgery. This handbook covers the management of this problem from 3 perspectives: 1. Identifying patients at higher risk and measures to manage such patients by surgical discipline 2. Intraoperative management of posterior capsular rupture (PCR) to minimize long-term complications 3. Postoperative care for a patient who has a PCR Cataract surgery is the most commonly performed surgical procedure in ophthalmology and despite tremendous technical and technological advancements, PCR still occurs. PCR occurs both in the hands of experienced senior surgeons and the[...]

Common Eye Diseases and their Management
Since the last edition of this book, there have been a number of advances in the fields of glaucoma, corneal disease, medical retina and genetics. This new edition discusses these developments while also providing an introduction to the specialty of clinical ophthalmology for medical students, trainee ophthalmologists, optometrists, general practitioners, and anyone with a special interest in the subject. Each chapter contains a brief introduction and an outline of the anatomy of the eye and orbit, and utilises an “answering problems” format. Emphasis is placed on the efficacy of modern treatments in ophthalmology and brief historical information is provided where needed. Most chapters[...]
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Gewöhnlich versandfertig in 3-5 Werktagen.

OCT in Central Nervous System Diseases
The Eye as a Window to the Brain
This book reviews recent important advances in the use of optical coherence tomography (OCT) in order to analyze neurodegeneration within the retina through the quantification of axonal loss. Detailed information is provided on the role of OCT as a promising tool for the evaluation of disease progression in numerous neurodegenerative disorders and as a biological marker of neuroaxonal injury. The disorders considered include multiple sclerosis, Parkinson’s disease, Alzheimer’s disease, intracranial hypertension, Friedreich’s ataxia, schizophrenia, hereditary optic neuropathies, glaucoma, and amblyopia. Individual chapters are also devoted to OCT technique, new OCT technology in[...]
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▶ 96,29 €
ISBN 978-3-319-24083-1
Gewöhnlich versandfertig in 3-5 Werktagen.

Mastering Endothelial Keratoplasty
DSAEK, DMEK, E-DMEK, PDEK, Air pump-assisted PDEK and others, Volume I
Volume 1 of this edited book covers basics of endothelial keratoplasty and various surgical techniques currently in use. Chapters on DSAEK, DMEK, big bubble, air pump-assisted and endoilluminator assisted DMEK/PDEK, pre-Descemet’s endothelial keratoplasty (PDEK), and Descemet’s membrane endothelial transfer (DMET) complete the topics on various surgical procedures. Complex situations and complications have been covered in volume 2 of Mastering Endothelial Keratoplasty. Endothelial keratoplasty is a field of great interest to all corneal surgeons. It is an exciting and evolving field in corneal transplantation as the newer techniques of DSAEK, DMEK, E-DMEK and PDEK have inherent advantages that make them supersede the older techniques by far. Hence, in today’s scenario with the[...]
Hardcover
2016. XVII, 251 p. 187 illus., 153 illus. in color.
▶ 96,29 €
Erscheinungstermin: August 24, 2016

Mastering Endothelial Keratoplasty
DSAEK, DMEK, E-DMEK, PDEK, Air pump-assisted PDEK and others, Volume II
Volume 2 of this edited book covers management of complex situations and complications. Topics such as combined surgeries, EK in complex situations, management of complications, graft management, and RHO-associated kinase (Rock) inhibitors have been covered as well. Basics and various surgical techniques have been covered in Volume 1 of Mastering Endothelial Keratoplasty. Endothelial keratoplasty is a field of great interest to all corneal surgeons. It is an exciting and evolving field in corneal transplantation as the newer techniques of DSAEK, DMEK, E-DMEK and PDEK have inherent advantages that make them supersede the older techniques by far. Hence, in today’s scenario with the[...]
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Erscheinungstermin: October 23, 2016

Challenges in Cataract Surgery
Principles and Techniques for Successful Management
This book presents the principles and pearls for successful surgical management of challenging situations encountered during cataract surgery. A wide range of settings are considered, including cataract surgery in patients with uveitis, traumatic cataract, dislocation of an intraocular lens, intumescent cataract, brunescent cataract, combined cataract and corneal disease, combined cataract and glaucoma, pediatric cataract, and refractive cataract surgery. In addition, preoperative factors conducive to a favorable surgical result are identified and appropriate management of postopera-
tive complications, described. As longevity increases, cataract is becoming an even greater public[...]
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ISBN 978-3-662-46091-7
Erscheinungstermin: September 13, 2016

I. Kozak, J.F. Arevalo (Eds.)

**Atlas of Wide-Field Retinal Angiography and Imaging**

Written by experts in the field of ophthalmology, this new text assists in understanding new imaging technology and the clinical information it can provide. It allows the reader to review numerous images of various pathologies and would be of interest to retina specialists and ophthalmologists. Retinal imaging has undergone dramatic changes in the last decade, characterized by constantly improving image resolution, most notably, as it applies to macular diseases, thanks to ever-evolving optical coherence tomography. However, imaging retina outside of the vascular arcades has come a long way with advent of new cameras and lenses. The most profound change has been the introduction of[...]
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S. Schaal, H.J. Kaplan (Eds.)

**Cystoid Macular Edema**

Written for comprehensive ophthalmologists and vitreoretinal surgeons, this book discusses state-of-the-art medical and surgical management of cystoid macular edema (CME) and explains the current understanding of the pathophysiology of the condition and methods of diagnosis. The management approach is clearly detailed for each potential presentation, including CME occurring in association with uveitis, diabetes mellitus, vitreoretinal interface changes, retinal vascular occlusions, and lens-induced pathology. The guidance takes full account of the continued expansion in medical treatment options due to the development of new drugs and the increased availability of minimally invasive[...]
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Erscheinungstermin: September 18, 2016

S.J. Linke, T. Katz (Eds.)

**Complications in Corneal Laser Surgery**

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Hardcover

M.M. Sinjab, A. Cummings (Eds.)

**Corneal Collagen Cross Linking**

This book provides comprehensive coverage of corneal collagen cross-linking (CXL), a major management modality for keratoconus and ectatic corneal disorders. All aspects are covered, including refractive and non-refractive surgery indications, models of application, safety, efficacy, performance, outcome measures, evidence of CXL, complications, contraindications, use in children, and controversies. The discussion reflects the considerable progress that has been made in understanding of the modality since its development in the late 1990s. Detailed attention is paid to new concepts, changing surgical techniques and indications, the latest evidenced-based science and research, and the[...]
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I.C. Lloyd, S.R. Lambert (Eds.)

**Congenital Cataract**

**A Concise Guide to Diagnosis and Management**

This book aims to assist ophthalmologists in providing the best possible care for children with congenital cataracts. The entire patient pathway is covered, from preoperative assessment through application of the various surgical techniques to postoperative care and management of complications. Among the topics discussed are new developments in molecular genetics relevant to patient evaluation, intraocular lens power formulas, and the findings of the Infant Aphakia Treatment Study. The surgical section describes anterior capsulotomy, lensectomy, selection of intraocular lens (IOL) power, IOL implantation in the capsular bag, posterior capsulotomy techniques, the use of secondary IOLs[...]
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Erscheinungstermin: August 14, 2016

S.J. Linke, T. Katz (Eds.)

**Cystoid Macular Edema**

**Medical and Surgical Management**

Written for comprehensive ophthalmologists and vitreoretinal surgeons, this book discusses state-of-the-art medical and surgical management of cystoid macular edema (CME) and explains the current understanding of the pathophysiology of the condition and methods of diagnosis. The management approach is clearly detailed for each potential presentation, including CME occurring in association with uveitis,
A. Stahl (Ed.)

Anti-Angiogenic Therapy in Ophthalmology

This book provides a concise overview over the pathology of retinal angiogenic diseases and explains why anti-angiogenic therapy is effective in so many patients. The reader is guided through the various clinical indications for anti-angiogenic therapy and made aware of its merits as well as current challenges and limitations. It is explained how, since its introduction for the treatment of exudative age-related macular degeneration in 2006, anti-angiogenic therapy has revolutionized the way in which we treat a range of ocular diseases. All of the authors are established experts in their respective fields who share their extensive knowledge and clinical experience with the reader.[…]

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Th.H. Williamson

Intraocular Surgery
A Basic Surgical Guide

This book instructs postgraduate trainees in ophthalmology on the basic methodology required to perform intraocular surgery. The text is written clearly and concisely, investigating basic surgical skills for the eye to facilitate the training process. The subject material of each chapter has been carefully chosen to explain separate conceptual areas in surgery to allow easy understanding and rapid attainment of knowledge. The concepts can be transferred from one surgical method to another, giving the reader the flexibility to adapt to new methods quickly. Intraocular Surgery - A Basic Surgical Guide provides various insights to allow the development of a thoughtful and considered[…]

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H. Yan (Ed.)

Mechanical Ocular Trauma
Current Consensus and Controversy

This book provides state-of-the-art information for ophthalmologists and other clinicians facing tough cases, helping them to make the most appropriate decision concerning the management of patients who have suffered mechanical ocular trauma. The discussion of mechanical ocular trauma addresses various parts of the eye: each chapter discusses a certain part of the eye, supplemented by illustrative sample cases. Though the latest consensus is provided for each topic or case, different opinions on controversial topics will also be discussed in detail. Pearls of advice at the end of each chapter highlight its main points. Topics covered include: Traumatic cataract and the timing of[…]

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Erscheinungstermin: October 12, 2016

M.T. Yen (Ed.)

Vascular Lesions of the Orbit and Face
Imaging and Management

This book provides a concise yet comprehensive source of information on the classification, evaluation, diagnosis, and management of vascular lesions of the orbit and face. It highlights recent technological innovations and new treatments that have significantly improved the ability to accurately evaluate and successfully treat these lesions with reduced complications. Some of these advances include new imaging modalities, intravascular and intraleisional treatment approaches, photodynamic therapy, and additional medical therapies. Many of these advances have led to paradigm shifts in the understanding and manage-