

selective laser trabeculoplasty and other treatment modalities were performed where appropriate. Results 80 articles were identified to be relevant and provided sufficient data for interpretation for efficacy or safety assessment. It was estimated that selective laser trabeculoplasty resulted in a weighted pooled mean intraocular pressure reduction of 21.9 to 23.8% at different follow-up durations. However, sensitivity analysis including only prospective studies with baseline IOP less than 21mmHg did not show significant IOP lowering effect. Review on side effects of selective laser trabeculoplasty showed a good safety profile in general. Rare occurrences of more severe or long-term complications included persistent intraocular pressure spike requiring surgery, persistent macular edema and corneal haze. Meta-analysis of randomized controlled trials showed that selective laser trabeculoplasty is non-inferior to argon laser trabeculoplasty and medication in intraocular pressure reduction and also in achieving treatment success. Number of medication reduction is similar between selective laser trabeculoplasty and argon laser trabeculoplasty. Conclusion This report demonstrated comparable efficacy of selective laser trabeculoplasty with argon laser trabeculoplasty and medication therapy in the treatment of open angle glaucoma. DOI: 10.5353/th_b5098928 Subjects: Lasers in ophthalmology Glaucoma

Primary Angle Closure Glaucoma (PACG) Jul 03 2021 This book aims to provide the readers with an up-to-date and evidence-based management approach for primary angle closure glaucoma (PACG), which makes effective and safe use of all the interventions currently available. The book presents to the glaucoma subspecialists and the general ophthalmologists a clear and concise introduction to the latest advances in the management of primary angle closure glaucoma (PACG), from the latest imaging technologies to objectively quantify the drainage angle closure and structural glaucomatous progression, to an up-to-date review of the laser and surgical options for treating PACG. The laser and surgical interventions include laser peripheral iridotomy, laser peripheral iridoplasty, lens extraction alone or in combination with other glaucoma surgery, filtration surgery (including minimally-invasive and non-penetrating variants), goniosynechialysis (GSL), glaucoma drainage device implantation, and cyclodestructive procedures. This informative book, written based on the authors' vast clinical, teaching, and research experience in this field, will offer the readers in-depth and useful resources on PACG.

IBBO May 21 2020

Glaucoma Surgery Sep 17 2022 140 pages with 9 tables and 2 figures, of which 1 in full color.

Medical Subject Headings Oct 14 2019

Issues in Medical Lasers, Imaging, and Devices Research and Application: 2011 Edition Sep 24 2020 Issues in Medical Lasers, Imaging, and Devices Research and Application: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Medical Lasers, Imaging, and Devices Research and Application. The editors have built Issues in Medical Lasers, Imaging, and Devices Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Medical Lasers, Imaging, and Devices Research and Application in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Medical Lasers, Imaging, and Devices Research and Application: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

IBBO-International Biography and Bibliography of Ophthalmologists and Visual Scientist (A-Z) Aug 04 2021

Tenth Conference on Health Problems Related to the Chinese in North America Mar 11 2022

Glaucoma Nov 19 2022 This book covers all the latest aspects of what's happening in all the micro-fields of glaucoma. The chapters cover pathogenesis, structural and functional tests, and medical, laser and surgical therapies. An entire chapter is devoted to the future of glaucoma management. All the chapters are supported with illustrations to enhance understanding of the developments. A lot of innovations are happening in the field of basic research, pharmacology, surgical devices and imaging equipment for glaucoma. As part of the series "Current Practices in Ophthalmology" this volume is meant for residents, fellows-

in-training, generalist ophthalmologists and specialists alike.

Permuted Medical Subject Headings Oct 06 2021

Health Problems Related to the Chinese in North America May 13 2022

Minimally Invasive Glaucoma Surgery Apr 19 2020 The book is provided open access under a CC BY 4.0 license. This book covers all aspects of minimally invasive glaucoma surgery (MIGS) and provides detailed information on each MIGS device, including its mechanism of action; patient selection; implantation techniques; post-operative management; and a review of the existing literature. Step-by-step descriptions are provided for the surgical technique used in implanting each MIGS device, accompanied by clear photographs of each surgical stage. Other areas covered include intra-operative gonioscopy (with tips on optimising the view of the anterior chamber angle) and the management of the intra-operative and post-operative complications. Essential information on the anatomy and physiology of the different aqueous outflow pathways is also included. A separate chapter addresses the introduction of MIGS globally, including the consideration of different reimbursement environments and the different types of glaucoma, e.g. angle closure glaucoma. This book will assist both glaucoma surgeons and general ophthalmologists in overcoming the learning curve involved in performed MIGS, by providing valuable and practical clinical pearls.

Advances in Ophthalmology and Optometry 2019 Dec 28 2020

Advances in Ophthalmology and Optometry reviews the most current practices in both ophthalmology and optometry. A distinguished editorial board, headed by Dr. Myron Yanoff, identifies key areas of major progress and controversy and invites expert ophthalmologists and optometrists to contribute original articles devoted to these topics. Broken into sections, the the third Volume in the series covers topics within each of the following categories: Optometry, Cataracts, Pediatrics, Ophthalmic Pathology & Ocular Oncology, Vitreoretinal Disease, Glaucoma, Neuro-ophthalmology, Oculoplastics, and Uveitis.

Medical Subject Headings Feb 27 2021

Selective Laser Trabeculoplasty in Chinese Eyes Feb 22 2023 This book contains a collection of medical research involving the use of Selective Laser Trabeculoplasty (SLT) in the treatment of glaucoma for a Chinese population. As the outcome of glaucoma laser and surgery can have variations among different ethnicities, this book serves to provide Ophthalmic surgeons treating Asian patients, with an evidence based and simple reference guide to maximize the potential of SLT. Much of the research detailed in the book was conducted in Hong Kong over a span of 10 years. This book touches upon all the fundamentals of the SLT technology from history, laser technique, efficacy in glaucoma subtypes, safely, out-come predictors, to lastly an exploration into the future of laser trabeculo-plasty. The book is user-friendly and categorized for a smooth continuous read or as a quick reference guide to particular elements of SLT.

Comprehensive Ophthalmology Mar 19 2020 The supplementary book Review of Ophthalmology is also thoroughly revised and updated with recent advances, new concepts and principles of investigation, treatment, and surgical procedures developed since the previous edition. The second half of the book provides multiple choice questions corresponding to each of the twenty review chapters. -- Publisher.

Glaucoma E-Book Apr 12 2022 As the irreversible effects of glaucoma can lead to blindness, there is high demand for early diagnosis and an ongoing need for practitioners to adopt new and evolving medical and surgical treatment options to improve patient outcomes. Glaucoma, Second Edition is the most comprehensive resource in the field delivering expert guidance for the most timely and effective diagnosis and treatment of glaucoma - aimed at specialists, fellows and general ophthalmologists. More than 300 contributors from six continents provide a truly global perspective and explore new approaches in this user friendly reference which has been updated with enhanced images, more spotlights, new videos, and more. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Get all the accuracy, expertise, and dependability you could ask for from leading specialists across six continents, for expert guidance and a fresh understanding of the subject. Develop a thorough, clinically relevant understanding of all aspects of adult and pediatric glaucoma and the latest diagnostic imaging techniques including ultrasound biomicroscopy and optical coherence tomography. Broaden your surgical repertoire with the latest surgical techniques - such as trabeculectomy, gonio-surgery, combined surgeries, and implant procedures. Glean all essential, up-to-date, need-to-know information about stem cell research, gene transfer, and implants. Find answers fast thanks to a well-organized, user-friendly full-color layout. Stay at the forefront of your

field with 10 brand new chapters on trending topics including: new surgical approaches such as trabectome and canoplasty; glaucoma implications in cataract and ocular surface disease; and, updates in the costs-effectiveness of medical management. Avoid pitfalls and achieve the best outcomes thanks to more than 40 brand new spotlight commentaries from key leaders providing added insight, tips and pearls of wisdom across varying hot topics and advances in the field. Refine and improve your surgical skills by watching over 50 video clips depicting the latest techniques and procedures including: new trabeculectomy methods, needling, implants, valve complications, and more. Prevent and plan for complications in advance by examining over 1,600 illustrations, photos and graphics (1,250 in color) capturing essential diagnostics techniques, imaging methods and surgical approaches. Grasp each procedure and review key steps quickly with chapter summary boxes that provide at-a-glance quick comprehension of the key take away points.

Glaucoma Surgery Feb 16 2020 Glaucoma surgery was the topic of the eleventh World Glaucoma Association Consensus meeting. Glaucoma surgery in primary open-angle glaucoma was also the topic of the second Consensus meeting held in 2005. For the current version, angle closure and angle-closure glaucoma, as well as the secondary glaucomas, were also included. But the expansion of the subject matter is not the only reason for the timing of this new Consensus. Perhaps even more important is the explosion of new surgical ideas and techniques, which are revolutionizing the surgical approach to the glaucoma patient. The idea of targeting anatomic outflow and inflow pathways and individualizing care has opened so many new possibilities for improving surgical outcomes. Furthermore, outcomes are no longer only focused on lowering intraocular pressure, but also on enhancing health- and vision-related quality of life. As with prior meetings, it was a daunting task to seek and obtain consensus on a broad subject matter for which there are so many different opinions. As it is unclear how each of us decides how we practice and the evidence to guide us often is sparse, this consensus — as well as the others — is based not only on the published literature, but also on expert opinion. Although consensus does not replace and is not a surrogate for scientific investigation, it does provide considerable value, especially when the desired evidence is lacking. The goal of this consensus is to provide a foundation for glaucoma surgery and how it can be best done in clinical practice. Identification of those areas for which we have little evidence, and therefore the need for additional research, always is a high priority. We hope that this consensus report will serve as a benchmark of our understanding of what is known and what we would like to know. However, this Consensus Report is expected to be just a beginning that will be revised and improved with the emergence of new evidence, and new and improved surgical procedures.

Managing Complications in Glaucoma Surgery Aug 24 2020 This well-illustrated book is intended as the go-to guide for the identification and management of the complications associated with specific glaucoma procedures. All of the routinely performed procedures are covered: filtration surgery, including trabeculectomy and ExPRESS shunt, nonpenetrating surgeries such as deep sclerectomy and canaloplasty, procedures involving the placement of tube shunt devices, glaucoma laser treatments, and minimally invasive glaucoma surgeries (MIGS). The book is succinct but sufficiently detailed to provide the reader with a very well informed description of possible complications and the best way to manage them, based on the evidence from recent and seminal research. The authors are recognized experts who come from a wide geographic and varied glaucoma background. The book will be ideal for all surgeons, whether new or experienced, who seek easily accessible, reliable guidance on how to manage the intraoperative and early and late postoperative complications that may arise when performing glaucoma surgery.

Family Health For Dummies? Nov 26 2020 Charles B. Inlander and Karla Morales present readers with a comprehensive guide to information on family health.

Research Awards Index Jun 02 2021

Advanced Glaucoma Surgery Jun 14 2022 This text provides expert instruction on the techniques currently employed for the surgical treatment of glaucomatous disease, covering both the host of novel microinvasive devices for treatment of milder stages and the refined strategies that enhance success rates in patients with advanced disease. The critical steps in each procedure are clearly described with the aid of many high-quality illustrations and surgical videos. Pearls and pitfalls of the various techniques are highlighted, and helpful information is provided on indications, preoperative considerations, potential intra- and postoperative complications, and strategies for reducing the incidence of such adverse events. Each treatment method is addressed in a dedicated stand-alone chapter, ensuring ease of reference for the practitioner. Readers will find this book, written by internationally recognized experts in the field, to be an exceptional source of up-to-date information on advanced glaucoma surgical techniques.

Free China Review Jul 23 2020

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