Step by Step Optical Coherence Tomography

Editors: Dr. Parul Sony, Dr. Pradeep Venkatesh, Dr. Satpal Garg Dr. Hem K Tewari
Publishers: Jaypee Brothers, New Delhi.
First edition 2007, Price Rs/- 695

Optical Coherence Tomography has revolutionized the way we ‘look’ at the macula and optic nerve head. Within a decade it has established itself as an integral part in the management of diseases of the macula and optic nerve head. Retina specialists should feel indebted to the pioneers Huang, Puliafito, Schuman and Fujimoto for developing such a device. OCT is now probably the gold standard to detect the presence of a macular pathology but fundus examination (photography) and fluorescein angiography remain ‘gold’ standards to detect a cause for the lesion identified on OCT.

In ‘Step by Step OCT’ the authors have endeavored to create a ‘small’ book conveying only those things that would be important for the ‘non-academic’ day to day user of OCT. Most things have been summarized into tables or short text for easier assimilation and disease patterns have been described only with typical examples. The purpose of this approach, with this fascinating device, was to allow the reader to have a valuable ready reckoner that can be placed in his apron pocket, using which he or she can grow further.

Salient features of the book are
- A total of 25 chapters cover all aspects of the subject
- Interprets OCT procedures in a simple and user-friendly manner
- Describes various disease patterns with typical examples
- Emphasizes macular, retinal and optic nerve head diseases

Lasers in Ophthalmology A Practical Manual

Editors: Dr. Atul Kumar, Dr. Harsh Kumar, Dr. Tanuj Dada.
Publishers: Jaypee Brothers, New Delhi.
Second Edition 2007, Price Rs/- 975/-

Although large volumes of literature are available on the clinical utility of lasers for ocular conditions, it is difficult for the busy practitioner to decipher these texts and gain useful practical information for day-to-day use.

This manual has been conceived to serve as an office companion for clinical ophthalmologists and provide a well-illustrated account of the basic concepts of laser therapy for various ocular conditions related to the lids, cornea, lens and retina. The basic principles of lasers, the preoperative work-up, the exact technique of laser delivery, post laser therapy and complications associated with these therapies are covered in the text.

The text covers laser treatment of diabetic retinopathy, vascular disorders of the retina, age-related macular degeneration, primary open-angle glaucoma, primary angle-closure glaucoma, utility of lasers in cataract surgery and its complications, refractive lasers and
management of corneal disorders with laser treatment in addition to various other conditions.  

Salient features of the book are:

- Handbook of laser surgery covering all anterior and posterior segment lasers.
- Covers argon, diode, excimer, carbon dioxide, erbium and Nd: YAG lasers.
- Special emphasis on lasers for diabetes, vascular occlusions, ARMD, glaucoma, corneal disorders, cataract and refractive surgery.
- Includes laser basics, preoperative evaluation, techniques of laser delivery.
- Provides practical tips for actual performance of laser therapy.
- Management of complications after laser therapy.
- Well illustrated with coloured photographs.
- A must for practicing ophthalmologists, residents and teachers.

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Mastering the Techniques of Laser Applications in Ophthalmology

Editors: Dr. Ashok Garg, Dr. JT Lin, Dr. Jorge L Alio, Dr. Rajvardhan Azad, Dr. Jerome Jean Bovet, Dr. Bojan Pajic, Dr. Cyres K Mehta

Publishers: Jaypee Brothers, New Delhi.

1st Edition 2007, Price Rs. 3995/-

This mega international book, first of its kind in the world is a dedicated hard work to provide complete information on various laser treatment options in the ophthalmic conditions. This book contains 99 chapters written by International masters on laser therapy and cover all parameters from laser machine dynamics to Lasers in lens diseases; Glaucoma, Refractive Surgery, Vitreo-retinal diseases, Strabismus and oculoplastic reconstruction, Pediatric refractive surgery and Recent advances.

This book covers all the clinically important ophthalmic subjects. A number of chapters are dedicated to the application of specific ophthalmic lasers in treating various ophthalmic diseases by International authorities in this field.

An interactive video DVD ROM is an added feature of this book showing various Laser applications in ophthalmology by international masters.

Specifically the basic physics and translation into clinical application of laser technology is described at the first section and in multiple chapters of this elaborate textbook. The second section concentrates on the application of laser in lens diseases such as laser in cataract surgery.

In the third section, the applications of lasers in glaucoma is presented. The fourth section of the book concentrates on lasers in cornea and refractive surgery, probably the most “explosive” and worldwide development of laser application in all of medicine. The fifth section of the book concentrates on the use of laser in retinal diseases and again another area of multiple and vast applications represented by multiple chapters written by many international leaders in their fields.

Section six deals with the lasers in aesthetic and reconstructive surgery, which is an analysis of the multiple applications of laser and also offers clinical pearls on these modalities. Finally, section seven looks into the recent advances of laser applications and probably the future advancements that we will see over the next ten years.

“Mastering the Techniques of Laser Applications in Ophthalmology” is a contemporary, well written, beautifully illustrated and comprehensive review of what is now a vast area of technological advancements and clinical applications of many different types of lasers in Ophthalmology.

This very elegantly written “Mastering the Techniques of Laser Applications in Ophthalmology”, is a textbook that could provide educative reference for clinicians in ophthalmic practice by covering all the different applications of laser in Ophthalmology in depth.
Step by Step Interpretation of Glaucoma Diagnostics

Editor: Dr. Barun K Nayak
Publishers: Jaypee Brothers, New Delhi.
First Edition: 2005, Price Rs/- 325/-

Through this book, the authors try to familiarize all ophthalmologists with this new data. An attempt has been made to simplify it in a step-wise and organized manner.

This is a complete book for interpretation of printout that aid glaucoma treatment and diagnosis. When a patient brings a printout it will be possible to interpret test result with relative ease. This book is compiled and edited by Dr. Barun Kumar Nayak, who has been conducting instruction courses for over 17 years in the field of interpretation of printouts.

The printouts included in the book are:
- Autoperimetry (Humphrey, Octopus, Medmont, Synmed and Appa Perimeter)
- HRT-II
- GDxVCC
- OCT
- FDT perimetry

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Dr. Andrews Kakkanatt, Jubilee Mission Medical College Trichur