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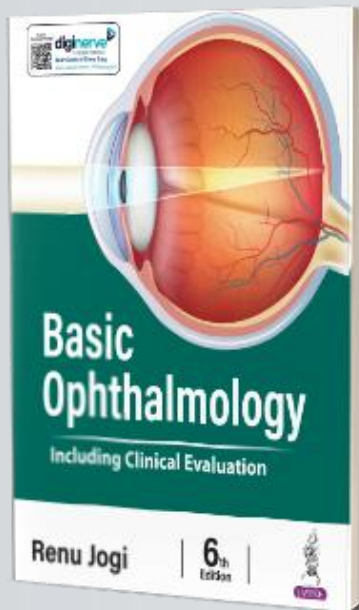
Ophthalmology

*Electronic textbooks for foreign students
Online-platform “Jaypeedigital”*

Arkhangelsk
2025



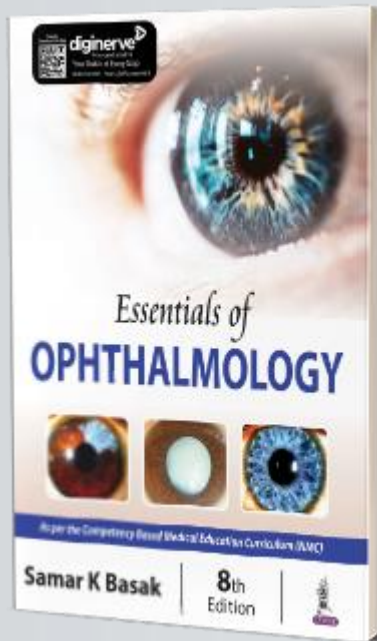
Jogi, R. Basic ophthalmology / R. Jogi. – 6th ed. – New Delhi, India: Jaypeedigital, 2025. – 637 p.



This book consists of 22 chapters, which include embryology and anatomy, physiology of vision, neurology of vision, examination of the eye, errors of refraction, conjunctiva, cornea, sclera, uveal tract, lens, vitreous, glaucoma, retina, optic nerve, injuries to the eye, ocular motility and squint (strabismus), lids, lacrimal apparatus, orbit, general therapeutics, causes and prevention of blindness, and instruments in ophthalmology. The comprehensive text of the book is highly illustrated with more than 700 clinical photographs and diagrams.

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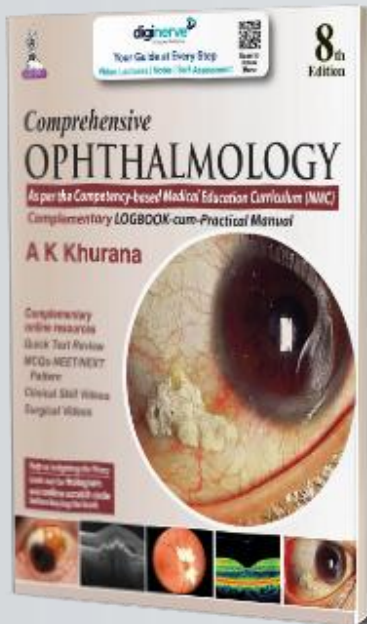
**Basak, Samar K. Essentials of ophthalmology / S. K. Basak. – 8th reprint ed. –
New Delhi, India: Jaypeedigital, 2025. – 628 p.**



This book is divided into 28 chapters, the book begins with discussion on ocular embryology and anatomy, physiology of the eye, neurology of vision, ocular pharmacology, refraction of normal eye, and history-taking and physical examination, diseases of the eyelid, diseases of conjunctiva, diseases of the cornea, glaucoma, intraocular tumors, ocular motility, common eye surgery, surgical instruments, and blindness. The book is well-illustrated, with numerous diagrams, tables, and figures to help explain complex concepts and enhance understanding.

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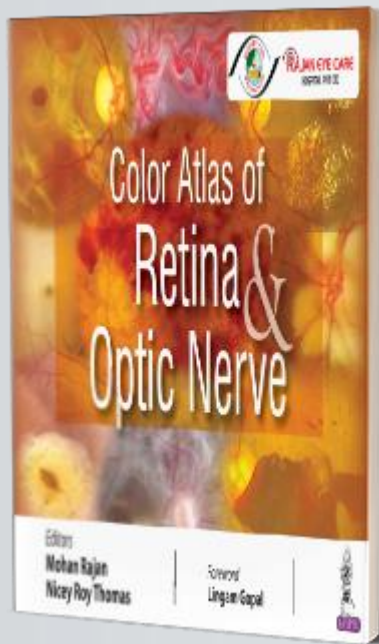
Khurana, A. K. Comprehensive ophthalmology / A. K. Khurana. – 8th ed. – New Delhi, India: Jaypeedigital, 2022. – 631 p.



The first 5 sections are devoted to anatomy and physiology of eye, optics and refraction, diseases of eye and ocular adnexa, ocular therapeutics, and systemic and community ophthalmology. Section 6 is devoted to practical ophthalmology. Each chapter begins with a chapter outline highlighting the topics covered and learning objectives as per CBME competencies, followed by relevant applied anatomy and physiology. Operative steps of important surgical techniques have been given in the relevant chapters.

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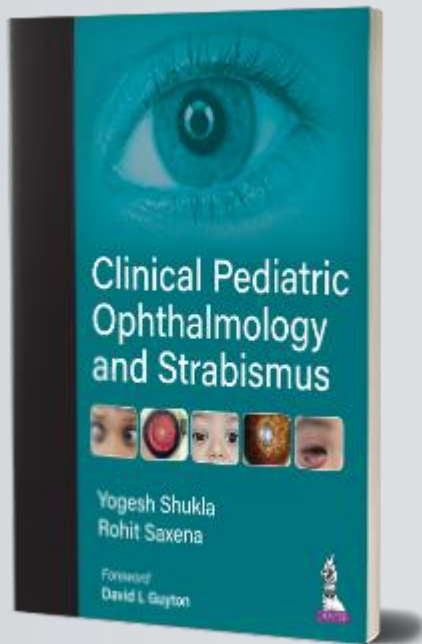
Rajan, M. Color atlas of retina & optic nerve / M. Rajan, N. R. Thomas. – 1st ed. – New Delhi, India: Jaypeedigital, 2022. – 370 p.



An atlas of common retinal and optic nerve disorders that provide a visual guide to the diagnosis of the full spectrum of retinal disease, including early and later stages of the disease. This book consists of more than 500 archetypal images which have been categorized into 15 chapters. The images are followed by a small snippet that highlights salient features of the disease entity. Each topic is introduced by a paragraph of comprehensive and distilled information, followed by a series of good quality fundus photographs to demonstrate the important as well as subtle features.

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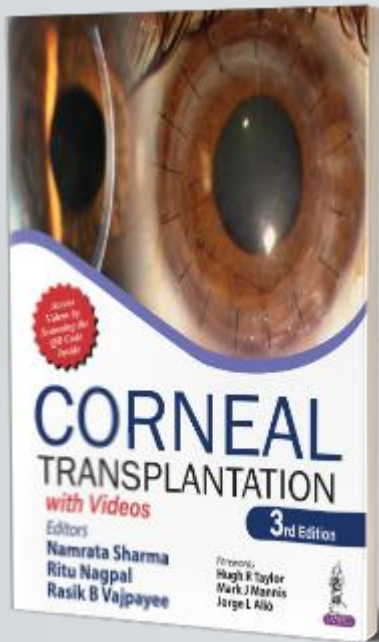
Shukla, Y. Clinical pediatric ophthalmology and strabismus / Y. Shukla, R. Saxena. – 1st ed. – New Delhi, India: Jaypeedigital, 2023. – 424 p.



Clinical pediatric ophthalmology and strabismus is one-stop source for comprehensive coverage of all the pediatric ophthalmic conditions which are likely to encounter in practice. The book stands unique in the sense that information regarding some disorders in children, who have never been addressed or given in completeness, is presented here. The book is laced with chapters from experts in their respective fields, who are the faculty in renowned institutions of the world, and who have so painstakingly and meticulously written each chapter.

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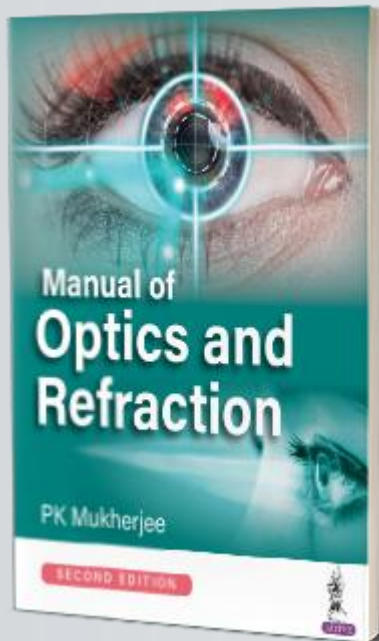
Vajpayee, Rasik B. Corneal transplantation / R. B. Vajpayee, N. Sharma, R. Nagpal. – 3rd ed. – New Delhi, India: Jaypeedigital, 2023. – 591 p.



This updated version “the third edition” is a conglomeration of 74 chapters, including the updated versions as well as the new ones. New highlights of this edition include many innovative techniques of corneal transplantation. A separate section on indication specific techniques of corneal transplantation has been included, consisting of a detailed description of several clinical conditions. Relevant clinical photographs, sketch diagrams and surgical videos have been incorporated to further provide a lucid understanding of the facts.

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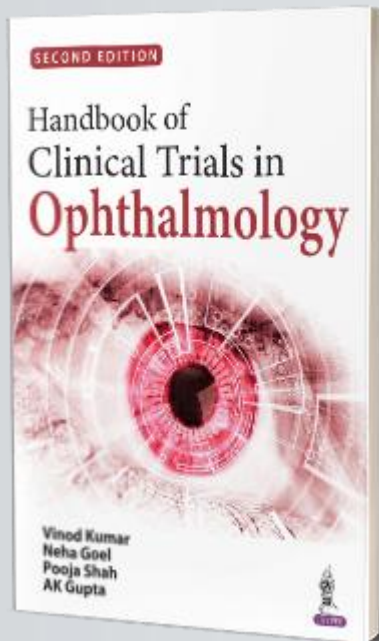
Mukherjee, PK. Manual of optics and refraction / PK. Mukherjee. – 2nd ed. – New Delhi, India: Jaypeedigital, 2022. – 188 p.



The new edition of this book is a comprehensive guide to the optics of the human eye and various errors of refraction, including their clinical presentation and management. Divided into eleven chapters, the text extensively covers the physical properties of light, reflection and refraction, curved optical devices, optics of the normal eye and errors of refraction, devices for optical examination, contact lenses, low vision aids, and refractive surgery. The book is profoundly illustrated with charts, diagrams and photographs.

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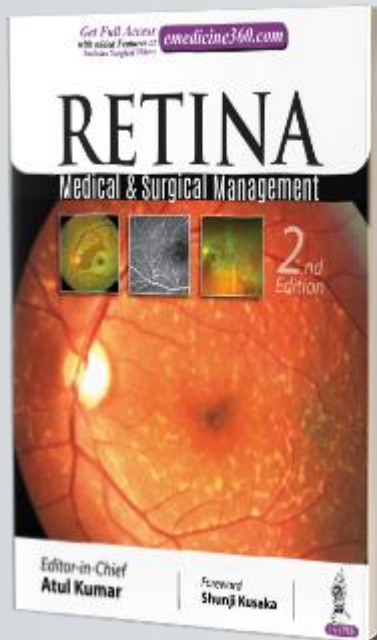
Handbook of clinical trials in ophthalmology / V. Kumar, N. Goel, P. Shah, [et al.] . – 2nd ed. – New Delhi, India: Jaypeedigital, 2022. – 440 p.



This book Handbook of clinical trials in ophthalmology, deals with clinical trials in ophthalmology. This book offers every clinical ophthalmologist complete guidance as it compiles the results of the latest multicenter clinical trials in the practice of ophthalmology with relevant references. The trials have been organized into 19 chapters, covering all ophthalmic subspecialties. The format presented includes all the essential aspects of a trial, such as purpose of study with background, study design, number of subjects with inclusion and exclusion criteria, and outcomes measures.

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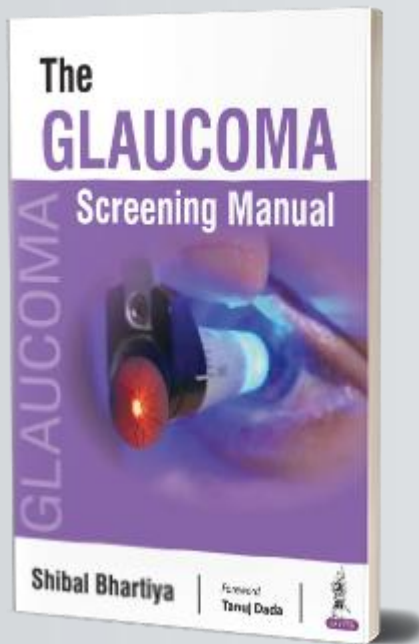
Retina: medical and surgical management / A. Kumar, R. Ravani, D. Agarwal, [et al.] . – 2nd ed. – New Delhi, India: Jaypeedigital, 2022. – 723 p.



This book is intended to serve as an in-depth textbook and guide for understanding the subject of retina and vitreous and the diseases related to it with well-illustrated colored images and all the recent updates. It is broadly divided into 9 sections with relevant chapters in each section. This book is useful for all the ophthalmic practitioners and researchers as it contains extensive and easily accessible material with special focus on medical and surgical management of various diseases.

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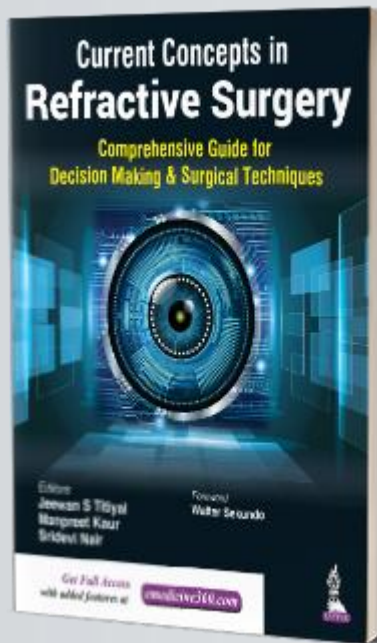
Bhartiya, S. The glaucoma screening manual / S. Bhartiya. – 1st ed. – New Delhi, India: Jaypeedigital, 2022. – 72 p.



The glaucoma screening manual is designed to be used by all healthcare professionals involved in glaucoma management, including nurses and allied healthcare professionals, and not just medical practitioners. It is a complete and comprehensive guide for setting up a community-based glaucoma screening program. With checklists and details of the equipment, manpower, and infrastructure required, the manual endeavors to provide insights into encouraging community participation, support mobilization, and data recording. This book also provides a clear and comprehensible plan for action to be taken once screening is positive or negative, along with continuous monitoring of the program for efficacy and acceptance.

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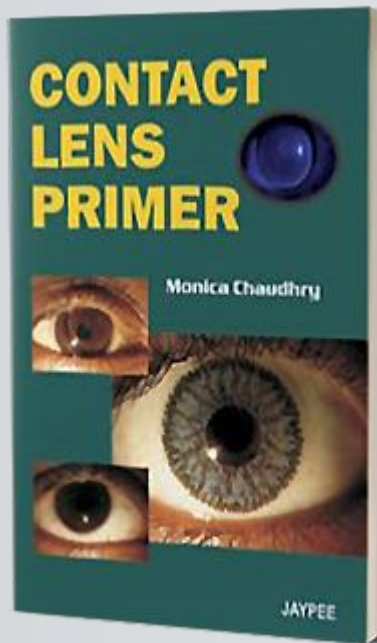
Titiyal, J. S. Concepts in refractive surgery: comprehensive guide for decision making & surgical techniques / J. S. Titiyal, M. Kaur, S. Nair. – 1st ed. – New Delhi, India: Jaypeedigital, 2022. – 266 p.



This book is an endeavour to provide a comprehensive insight into the current concepts of various refractive surgical procedures—the techniques, outcomes, complications and their management. This book comprised of 8 sections that focus on historical perspective, preoperative workup and decision making, corneal ablative procedures, small incision lenticule extraction, lens-based refractive surgeries, enhancements and retreatments, presbyopia, and miscellaneous, which are further divided into 26 chapters. The salient points of each chapter are reiterated in the form of easy-to-understand flowcharts and tables, to allow the readers to grasp the significant concepts and protocols at a glance.

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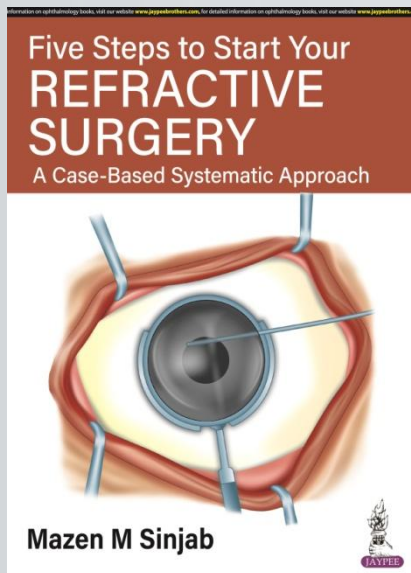
Chaudhry, M. Contact lens primer / M. Chaudhry. – 1st reprint ed. – New Delhi, India: Jaypeedigital, 2025. – 288 p.



This book is an attempt to supply such a manual. This little book not presume to tell the student all that he/she needs to know about contact lens, for which there are many larger books available. This book aims to decongest the contact lens curriculum for the students. The intention of this book is also to guide contact lens practitioners who have not had any formal training in contact lens fitting. If the students find these notes more readable it will be justified. It is hoped that it will enable the beginners to acquire a rapid but thorough grasp of a sophisticated yet simple discipline.

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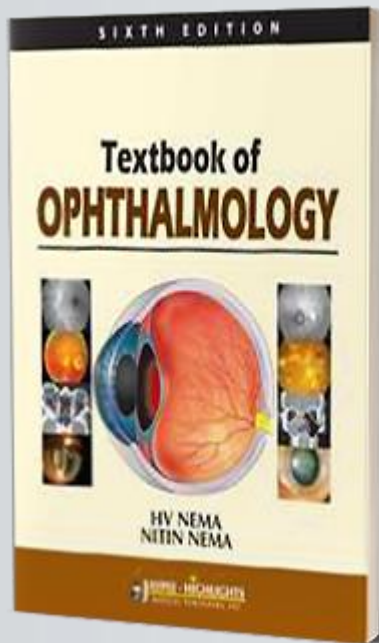
Sinjab, Mazen M. Five steps to start your refractive surgery: a case-based systematic approach / M. M. Sinjab. – 1st reprint ed. – New Delhi, India: Jaypeedigital, 2023. – 388 p.



This handbook was composed of five steps consisting of nine chapters. Step one consists of four chapters dealing with corneal imaging and its clinical application in refractive surgery. Step two has one chapter discussing major refractive procedures. Step three has one chapter describing rules and recommendations in refractive surgery. Step four is a start-off step, consisting of two chapters, dealing with approaching the candidate and discussing refractive surgery complications. Step five presents clinical case-study.

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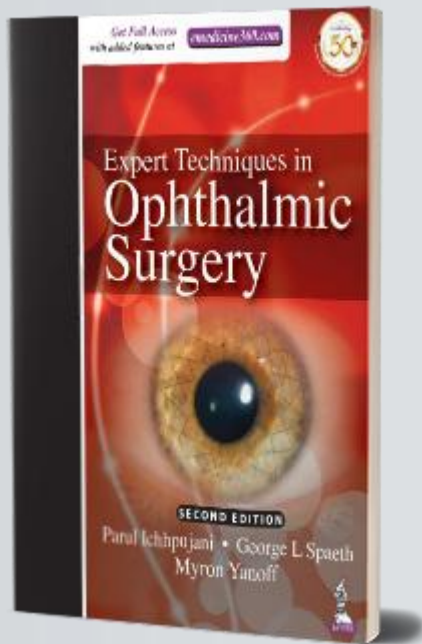
Nema, HV. Textbook of ophthalmology / HV Nema, N. Nema. – 6th reprint ed. – New Delhi, India: Jaypeedigital, 2023. – 674 p.



The book has retained its original virtues of accuracy, clarity, comprehensiveness and consistency of style. The chapter consists of four parts: (i) Clinical long and short cases with discussion, (ii) Dark-room examination with questions and answers, (iii) Ophthalmic instruments and their uses, and (iv) General viva voce. The chapter will make the students familiar with the modus operandi of undergraduate practical examination in ophthalmology. The book is written mainly for the use of undergraduate medical students primarily keeping in mind their basic examination requirements. Hopefully, it will also be beneficial to the postgraduate students and residents in ophthalmology. The family practitioners, internists, neurologists and practicing general ophthalmologists can use it as a reference book in their day-to-day care of patients.

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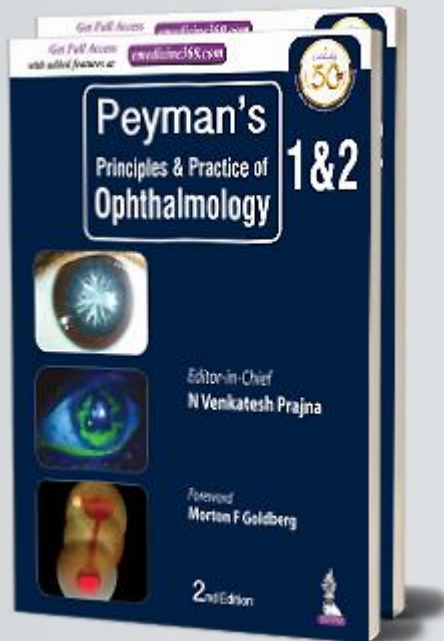
Yanoff, M. Expert techniques in ophthalmic surgery / M. Yanoff, P. Ichhpujani, G. L. Spaeth. – 2nd reprint ed. – New Delhi, India: Jaypeedigital, 2024. – 1030 p.



This book comprised of 10 sections which include basic principles of ophthalmic surgeries, cataract surgeries, corneal surgeries, vitreoretinal surgeries, glaucoma surgeries, oculoplastic, orbital and lacrimal surgeries, oncology surgeries, extraocular muscle surgeries, open globe injuries, and the practice of ophthalmic surgery, which are further divided into 115 chapters. This volume is a comprehensive textbook–atlas. It has a highly visual format that includes illustrations and images, as well as features that align with current ophthalmology training. Each section is color-coded for easy cross-referencing and “navigation”. In all the sections, operative techniques and surgical strategies are explained step-by-step to increase surgical knowledge and anatomy. Expert techniques in ophthalmic surgery provides comprehensive coverage of eye surgery for ophthalmologists in training and in practice.

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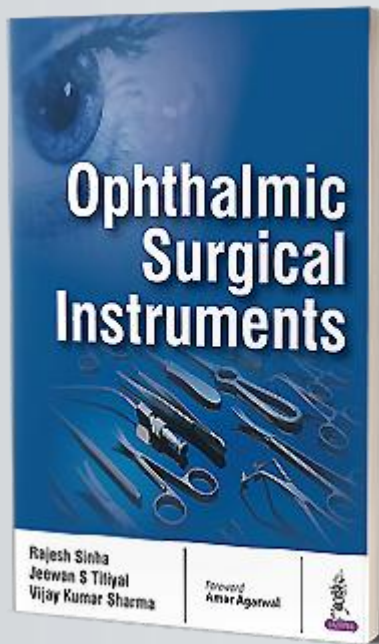
Prajna, N. V. Peyman's principles and practice of ophthalmology / V. N. Prajna. – 2nd reprint ed. – New Delhi, India: Jaypeedigital, 2023. – 1948 p.



This two-volume set is a complete guide to the diagnosis and management of ophthalmic diseases and disorders. Volume one begins with an overview of basic sciences, ocular pathology, and clinical examination. The remainder of this volume and volume two discuss numerous diseases that may occur in different parts of the eye such as vision rehabilitation, conjunctiva and cornea, the lens, cataract and its management, retina and vitreous, glaucoma, pediatric ophthalmology, and strabismus, scleritis and uveitis, neuro-ophthalmology, orbit and oculoplasty, and miscellaneous. The second edition has been fully revised and features many new topics including innovative techniques in cataract surgery, imaging modalities, pharmacotherapy, new surgical procedures, and much more. This comprehensive text is highly illustrated with nearly 1900 clinical photographs, radiological images, diagrams, tables, and boxes. This book is intended to be a readable and comprehensive textbook for residents and practicing ophthalmologists.

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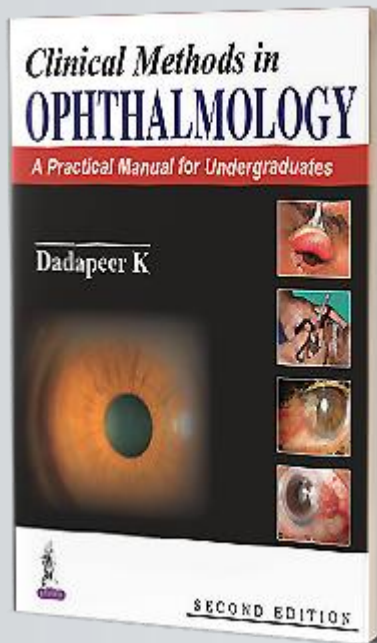
Titiyal, Jeewan S. Ophthalmic surgical instruments / J. S. Titiyal, R. Sinha, V. K. Sharma. – 1st reprint ed. – New Delhi, India: Jaypeedigital, 2025. – 170 p.



This book provides comprehensive description and colored photographs about the instruments used in various ophthalmic surgeries, including those being used in cornea and refractive surgery, retinal surgeries, squint and oculoplastic surgeries, glaucoma surgery, cataract and femtocataract surgery as well as sterilization techniques of these instruments. Each chapter is devoted to surgical instruments used in a particular subspecialty of ophthalmology. Original photographs of good quality with a similar background in majority of the chapters have been used not only to maintain uniformity but also to provide crisp visuals of each instrument.

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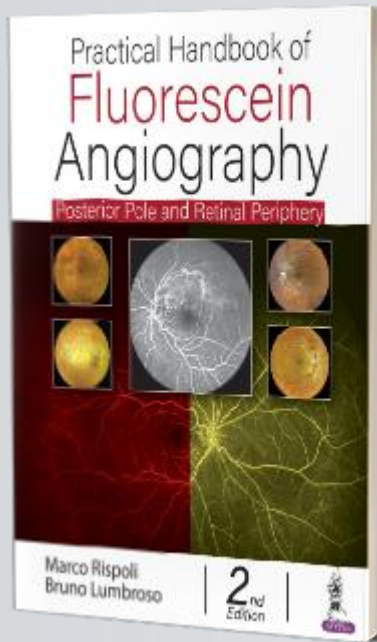
K. Dadapeer. Clinical methods in ophthalmology: a practical manual for medical students / Dadapeer K. – 2nd reprint ed. – New Delhi, India: Jaypeedigital, 2025. – 230 p.



The book “Clinical methods in ophthalmology—a practical manual for medical students” has been divided into twelve chapters. Many topics in this book are discussed with a clinical orientation. Important points are highlighted and are supported by an array of neat photographs and depictive illustrations. Emphasis has been on Ophthalmic Examination Methods, Case Proforma and Diagnostic Tools. Ophthalmic lenses have been elaborately outlined. The drugs used in ophthalmology have been aptly described. Major topics of discussion include symptomatology in ophthalmology, ocular examination, diagnosis, cataract, corneal opacity, corneal ulcer, diagnostic tests, ophthalmic instruments, ophthalmic lenses, drugs used in ophthalmology, ophthalmic surgeries, examination of retina, and community ophthalmology.

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Lumbroso, B. Practical handbook of fluorescein angiography: posterior pole and retinal periphery / B. Lumbroso, M. Rispoli. – 2nd ed. – New Delhi, India: Jaypeedigital, 2022. – 162 p.



This book comprised of 7 parts that mainly focus on interpreting a normal and pathological fluorescein angiography, new dyeless imaging for retina and choroid study, pathological fluorescein angiography analytical study, pathological fluorescein angiography-synthesis, major fluorescein angiography syndromes posterior pole, fluorescein angiography study of retinal periphery, and conclusion, which are further divided into 21 chapter. It includes new images, new chapters, and new data derived from exploration of retinal periphery and advances in optical coherence tomography (OCT) and OCT-angiography. This will be of help to residents, young ophthalmologists, and expert specialists who wish to keep up to date on the new developments of fluorescein angiography.

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