

Practical Handbook Of Oct

This book provides an overview of the practical aspects of diffusion tensor imaging (DTI), from understanding the basis of the technique through selection of the right protocols, trouble-shooting data quality, and analyzing DTI data optimally. DTI is a non-invasive magnetic resonance imaging (MRI) technique for visualizing and quantifying tissue microstructure based on diffusion. The book discusses the theoretical background underlying DTI and advanced techniques based on higher-order models and multi-shell diffusion imaging. It covers the practical implementation of DTI; derivation of information from DTI data; and a range of clinical applications, including neurosurgical planning and the assessment of brain tumors. Its practical utility is enhanced by decision schemes and a fully annotated DTI brain atlas, including color fractional anisotropy maps and 3D tractography reconstructions of major white matter fiber bundles. Featuring contributions from leading specialists in the field of DTI, *Diffusion Tensor Imaging: A Practical Handbook* is a valuable resource for radiologists, neuroradiologists, MRI technicians and clinicians.

A Really Practical Handbook of Children's Palliative Care for Doctors and Nurses Anywhere in the World offers really practical solutions to common problems faced by health professionals caring for dying children and their families, whatever their culture

Optical Coherence Tomography (OCT) plays a vital role in pediatric retina diagnosis, often revealing unrecognized retinal disorders and connections to brain injury, disease, and delayed neurodevelopment. Handbook of Pediatric Retinal OCT and the Eye-Brain Connection provides authoritative, up-to-date guidance in this promising area, showing how to optimize imaging in young children and infants, how to accurately interpret these images, and how to identify links between these images and brain and developmental disorders. Illustrates optimal methods of OCT imaging of children and infants, how to avoid pitfalls, and how to recognize and avoid artifacts Explains how the OCT image may relate to brain disease and delayed neurodevelopment Features more than 200 high-quality images and scans that depict the full range of disease in infants and young children Provides guidance in identifying retinal layers and important abnormalities. Covers the structural features of the retina and optic nerve head in developmental, acquired, or inherited conditions that affect the eye and visual pathways Offers practical ways to set up imaging programs in the clinic, operating room, or neonatal nursery

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, submacular 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.

Practical Handbook of Echocardiography: 101 Case Studies Echocardiography is now one of the most commonly used diagnostic imaging tools, yet many clinicians remain unaware of the range of conditions echo can reveal or how echo can be used to help plan therapy. Moreover, it can be quite challenging even for the most seasoned practitioners to spot unusual conditions. Compiled by three echocardiographers with more than 100 years of clinical experience between them, Practical Handbook of Echocardiography uses a case-based approach to explain in detail the full spectrum of echocardiographic modalities and how to optimize their use in the clinical setting. This practical new book: Covers the full gamut of echocardiographic modalities, including M-mode, 2-D, 3-D and Doppler (PW, CW, color flow, tissue and strain), transesophageal (intra-operative and routine) and contrast Describes cases in both clinical and echocardiographic terms including very interesting cases and the new clinical techniques Features beautifully reproduced, well-labeled, full color echocardiograms Includes accompanying DVD with real-time video clips Appropriate for physician echocardiographers and all cardiologists, as well as echocardiographic technicians, Practical Handbook of Echocardiography is the ideal concise guide to using echocardiography to make definitive diagnoses and improve patient outcomes.

Practical Handbook of OCT (Retina, Choroid, Glaucoma) Jaypee Brothers Medical Publishers

Image processing is fast becoming a valuable tool for analyzing multidimensional data in all areas of natural science. Since the publication of the best-selling first edition of this handbook, the field of image processing has matured in many of its aspects from ad hoc, empirical approaches to a sound science based on established mathematical and p

This book is a practical guide to the revolutionary technique of non-invasive, dyeless OCT angiography imaging. This new diagnostic tool complements, and in part replaces, fluorescein angiography. Beginning with an introduction to the principles and interpretation of OCT angiography, the book covers operating principles, recent advances, the future of OCT, and diagnosis of vascular retinopathies. The book describes how this new technology is used to study inner and outer retina disorders, both qualitatively and quantitatively, and to classify choroidal neovascularisation (CNV) in a non-invasive manner, highlighting morphology, flow and depth. It also provides new technical and clinical information on the study of glaucoma. Presented in a step by step format, the book is highly illustrated with images obtained from

Optovue's Avanti Widefield OCT hardware platform and Angiovue OCT angiography software. Key Points Practical guide to revolutionary technique of non-invasive, dyeless OCT angiography imaging Covers principles and interpretation, operating principles, recent advances, future of OCT and diagnosis of vascular retinopathies All images obtained from Optovue's Avanti Widefield OCT hardware platform and Angiovue OCT angiography software Highly experienced, well-recognised author team led by Prof Bruno Lumbroso

Widely considered one of the best practical guides to programming, Steve McConnell's original **CODE COMPLETE** has been helping developers write better software for more than a decade. Now this classic book has been fully updated and revised with leading-edge practices—and hundreds of new code samples—illustrating the art and science of software construction. Capturing the body of knowledge available from research, academia, and everyday commercial practice, McConnell synthesizes the most effective techniques and must-know principles into clear, pragmatic guidance. No matter what your experience level, development environment, or project size, this book will inform and stimulate your thinking—and help you build the highest quality code. Discover the timeless techniques and strategies that help you:

- Design for minimum complexity and maximum creativity
- Reap the benefits of collaborative development
- Apply defensive programming techniques to reduce and flush out errors
- Exploit opportunities to refactor—or evolve—code, and do it safely
- Use construction practices that are right-weight for your project
- Debug problems quickly and effectively
- Resolve critical construction issues early and correctly
- Build quality into the beginning, middle, and end of your project

A Beginner's Guide to the World of Satellite Data Over a thousand active satellites are in orbit around the Earth with applications including navigation, the transmission of data and satellite remote sensing; a space-based technology providing data accessible to everyone. **The Practical Handbook of Remote Sensing** offers a complete understanding of th

Endourology: A Practical Handbook is an accessible, practically orientated book dealing with aspects of endoscopic and percutaneous assessment/management of diseases of the upper urinary tract. With an easy to follow format using bullet/key points, the text pays particular attention to difficult navigational and technical points, which are emphasized and explained using line drawings. Practical 'Dos and Don'ts' lists are also highlighted in text-boxes where relevant.

Extensively illustrated and easy to use, this handbook is aimed at trainee and practicing urologists, and is also of interest to urology nurses, general surgical trainees and radiologists.

There has been an exponential increase in the amount of information available on the pathophysiology and management of heart diseases. Meanwhile, understanding of the underlying pathology and physiology has deepened and broadened with new methodologies to monitor cardiac structure and function. These developments have led to an overwhelming amount of information available to students, trainees, and physicians. What is in short supply is a comprehensive yet

concise and clear description of the important cardiac conditions and disorders, an approach to their management, and an easily consulted and well-indexed summary to be used at the bedside or in the clinic. This book addresses that need. Published in 1991, the first edition of *The Practical Handbook of Ground-Water Monitoring* quickly became the gold standard reference on the topic of ground-water monitoring. But, as in all rapidly evolving fields, regulations change, technology advances, methods improve, and research reveals flaws in prior thinking. As a consequence, books that document the state of the science, even widely acknowledged definitive works, become outdated and need to be rewritten periodically to stay current. Reflecting this and renamed to highlight its wider scope, *The Practical Handbook of Environmental Site Characterization and Ground-Water Monitoring, Second Edition* provides an updated look at the field. Completely revised, the book contains so much new information that it has doubled in size. Containing the most up-to-date information available, this second edition emphasizes the practical application of current technology. It covers environmental site characterization and ground-water monitoring in great detail, from the federal regulations that govern environmental investigations, to the various direct and indirect methods of investigating and monitoring the subsurface, to the analysis and interpretation of complex sets of environmental data. Cheaper, better, faster was the mantra of the 1990s, resulting in more streamlined approaches to both environmental site characterization and ground-water monitoring, but also pitting the application of good science against the mandate to get a project done as quickly and inexpensively as possible. This book provides unbiased, technical discussions of the tremendously powerful tools developed in the last decade, helping environmental professionals strike a balance between good science and economics.

It is a common observation that every business acquires some materials, processes them, and hands them over to the customer. Supply chain management techniques help to ensure smoothness of this whole process. Modernization, automation, and globalization have become the need of surviving and growing in the fast-changing world. Removal of barriers has acted as a catalyst to accelerate the process further which is increasing complexity and challenges for businesses. Remaining well informed is a need of business and growing in carrier. People want brief information and don't like to read long passages, sending extremely short message is practiced more now. Based upon these I have tried to develop a simple starter's guide after years of hard work that covers all important functions of SCM in a friend and casual way.

An indispensable survival manual for men entering the trenches of fatherhood, *Be Prepared* is loaded with one-of-a-kind insights, MacGyver-esque tips and tricks, and no-nonsense advice for mastering the first year as a dad. Finally, a book that teaches men all the things they really need to know about fatherhood...including how to: -Change a baby at a packed

sports stadium -Create a decoy drawer full of old wallets, remote controls, and cell phones to throw baby off the scent of your real gear -Stay awake (or at least upright) at work -Babyproof a hotel room in four minutes flat -Construct an emergency diaper out of a towel, a sock, and duct tape Packed with helpful diagrams and detailed instructions, and delivered with a wry sense of humor, *Be Prepared* is the ultimate guide for sleep-deprived, applesauce-covered fathers everywhere.

Practical guidance on analysis and interpretation of OCT images, covering wide range of conditions including retinal disorders, glaucoma and neurologic disorders.

The *Practical Handbook of Compost Engineering* presents an in-depth examination of the principles and practice of modern day composting. This comprehensive book covers compost science, engineering design, operation, principles, and practice, stressing a fundamental approach to analysis throughout. Biological, physical, chemical, thermodynamic, and kinetic principles are covered to develop a unified analytical approach to analysis and an understanding of the process. A brief history of the development of composting systems, which leads to descriptions of modern processes, is presented. The *Practical Handbook of Compost Engineering* also discusses the elements of successful odor management at composting facilities, including state-of-the-art odor treatment and enhanced atmospheric dispersion. The book is excellent for all engineers, practitioners, plant operators, scientists, researchers, and students in the field.

The heavily-revised *Practical Handbook of Marine Science, Fourth Edition* continues its tradition as a state-of-the-art reference that updates the field of marine science to meet the interdisciplinary research needs of physical oceanographers, marine biologists, marine chemists, and marine geologists. This edition adds an entirely new section devoted to Climate Change and Climate Change Effects. It also adds new sections on Estuaries, Beaches, Barrier Islands, Shellfish, Macroalgae, Food Chains, Food Webs, Trophic Dynamics, System Productivity, Physical-Chemical-Biological Alteration, and Coastal Resource Management. The Handbook assembles an extensive international collection of marine science data throughout, with approximately 1,000 tables and illustrations. It provides comprehensive coverage of anthropogenic impacts in estuarine and marine ecosystems from local, regional, and global perspectives. Maintaining its user-friendly, multi-sectional format, this comprehensive resource will also be of value to undergraduate and graduate students, research scientists, administrators, and other professionals who deal with the management of marine resources. Now published in full color, the new edition offers extensive illustrative and tabular reference material covering all the major disciplines related to the sea.

Practical Handbook of Microbiology, 4th edition provides basic, clear and concise knowledge and practical information about working with microorganisms. Useful to anyone interested in microbes, the book is intended to especially benefit four groups: trained microbiologists working within one specific area of microbiology; people with training in other disciplines, and use microorganisms as a tool or "chemical reagent"; business people evaluating investments in microbiology focused companies; and an emerging group, people in occupations and trades that might have limited training in microbiology, but who require specific practical information. Key Features Provides a comprehensive compendium of basic information on microorganisms—from classical microbiology to genomics. Includes coverage of disease-causing bacteria, bacterial viruses (phage), and the use of phage for treating diseases, and added coverage of extremophiles. Features comprehensive coverage of antimicrobial agents, including chapters on anti-fungals and anti-virals. Covers the Microbiome, gene editing with

CRISPR, Parasites, Fungi, and Animal Viruses. Adds numerous chapters especially intended for professionals such as healthcare and industrial professionals, environmental scientists and ecologists, teachers, and businesspeople. Includes comprehensive survey table of Clinical, Commercial, and Research-Model bacteria.

This book is a distillation of twenty years of practical experience of the high pressure liquid chromatography (HPLC) process. Deliberately steering clear of complex theoretical aspects, this book concentrates on the everyday problems associated with the technique, making it perfect for frequent use in the laboratory and for those in the pharmaceutical, agrochemical and biotechnology industries for the analysis and purification of drugs, small molecules, proteins and DNA. This book... •Provides practical, hands-on advice based on years of experience •Will help ensure optimal design, equipment and separation results for your particular task •Presents system layouts from laboratory to process scale •Will help you to devise or improve record-keeping and documentation systems ·Provides practical, hands-on advice based on years of experience ·Will help ensure optimal design, equipment and separation results for your particular task ·Presents system layouts from laboratory to process scale ·Will help you to devise or improve record-keeping and documentation systems

The principle objective of this handbook is to provide a readily accessible source of information on the major fields of spectroscopy. Specifically, these fields are NMR, IR, Raman, UV (absorption and fluorescence), ESCA, X-Ray (absorption diffraction fluorescence), mass spectrometry, atomic absorption, flame photometry, emission spectrography, and flame spectroscopy. It will be of particular use to analytical, organic, inorganic chemists or spectroscopists wishing to identify materials or compounds. The book will indicate to them which techniques may provide useful information and what kind of information will and will not be provided. In short, it will be a companion to those spectroscopists who have need to broaden their horizons into the major fields discussed.

This book is a single source of information on all aspects of soybean processing and utilization written by experts from around the globe. Written in an easy-to-read format, this title covers a wide range of topics including the physical and chemical characteristics of soybeans and soybean products; harvest and storage considerations; byproduct utilization; soy foods; and nutritional aspects of soybean oil and protein. Compares soybeans to other vegetable oils as a source of edible oil products Presents a wide range of topics including chemistry, production, food use, byproduct use, and nutritional aspects Offers practical information ideal for soybean oil plant managers

Antibodies are an indispensable tool in the study of biology and medicine. Making and Using Antibodies: A Practical Handbook presents techniques in a single, comprehensive source for the production and use of antibodies. It enables researchers to immediately access lab-tested, proven protocols. Written and edited by an elite team of scienti

Bringing together leading authorities, this concise, state-of-the-science Handbook delves into all aspects of problem solving-based school psychology practice. Thirty-four focused chapters present data-based methods for assessment, analysis, intervention, and evaluation, with special attention given to working in a response-to-intervention framework. Tools and guidelines are provided for promoting success in key academic domains: reading, writing, and math. Social-emotional and behavioral skills are thoroughly....

6 working actors describe their methods and philosophies of the theater. All have worked with playwright David Mamet at the Goodman Theater in Chicago.

Interpretation of Emergency Head CT is an invaluable quick reference to the key aspects of the head CT. It provides the clinician with an easy-to-use 'ABCs' system to analyse any head CT scan that may be encountered in the acute setting. Section 1 contains both a comprehensive section on radiological anatomy of the brain showing cranial anatomy overlaid onto CT images and technical details of CT

imaging in a simplified form. Section 2 covers the wide gamut of conditions that are likely to be encountered in acute medical practice. Pitfalls are highlighted and tips are included to assist the recognition of important signs, along with ways to distinguish other pathologies with a similar appearance. This is an excellent practical resource for all clinicians who utilise CT scans of the head as part of their patient management.

Optical coherence tomography (OCT) is a non-invasive imaging test that uses light waves to take cross-sectional pictures of the retina, the light-sensitive tissue lining the back of the eye (eyeSmart). The technique is recognised worldwide as an essential device for diagnosis, assessment and follow up of retinal diseases and glaucoma. The third edition of this comprehensive manual has been fully revised to provide clinicians and trainees with the most recent advances in OCT imaging. New examination and diagnostic protocols are covered in depth and this edition includes a step by step guide to data interpretation. Divided into three sections, the book begins with discussion on interpretation of OCT images, including 'en face' and dyeless angiography. The second section covers lesions and diseases, and part three explains new syndromes and classifications. Highly illustrated with clinical images and tables, this practical reference has been written by renowned experts based in Italy. Key points Practical guide to recent advances in OCT imaging Fully revised, new edition covers new examination and diagnostic protocols, with step by step guide to data interpretation Internationally recognised, Italy-based author team Previous edition (9789351525318) published in 2014

This comprehensive book covers the everyday use and underlying principles of radiation dosimeters used in radiation oncology clinics. It provides an up-to-date reference spanning the full range of current modalities with emphasis on practical know-how. The main audience is medical physicists, radiation oncology physics residents, and medical physics graduate students. The reader gains the necessary tools for determining which detector is best for a given application. Dosimetry of cutting edge techniques from radiosurgery to MRI-guided systems to small fields and proton therapy are all addressed. Main topics include fundamentals of radiation dosimeters, brachytherapy and external beam radiation therapy dosimetry, and dosimetry of imaging modalities. Comprised of 30 chapters authored by leading experts in the medical physics community, the book: Covers the basic principles and practical use of radiation dosimeters in radiation oncology clinics across the full range of current modalities. Focuses on providing practical guidance for those using these detectors in the clinic. Explains which detector is more suitable for a particular application. Discusses the state of the art in radiotherapy approaches, from radiosurgery and MR-guided systems to advanced range verification techniques in proton therapy. Gives critical comparisons of dosimeters for photon, electron, and proton therapies.

Why is there always one child who persistently plays with the door, who mixes sand with water or throws objects across the room? Can these repetitive behaviours, known as schemas, be useful in targeting children's next steps within the EYFS? Is there a way to use them to unlock learning in young children? Schemas: A Practical Handbook not only explains what schemas are and how to identify them, but also expands on that knowledge. With the use of pragmatic ideas, rather than being based solely on theory, it explores how schemas are useful in developing children's learning alongside what they already do. The standalone chapters each revolve around a particular schema and feature case studies to discuss how that schema can be used to help children progress within the seven areas of learning, as outlined in the EYFS. Laura England further supports this development with suggestions for enhancements to the environment, core resources and activities. This step-by-step guide is essential for practitioners wishing to further their understanding of children's learning.

As part of the growing sustainable and renewable energy movement, the design, manufacture and use of photovoltaic devices is increasing in

pace and frequency. The Handbook of Photovoltaics will be a 'benchmark' publication for those involved in the design, manufacture and use of these devices. The Handbook covers the principles of solar cell function, the raw materials, photovoltaic systems, standards, calibration, testing, economics and case studies. The editors have assembled a cast of internationally-respected contributors from industry and academia. The report is essential reading for: Physicists, electronic engineers, designers of systems, installers, architects, policy-makers relating to photovoltaics. A thorough update to the 'benchmark' publication from a cast of industrial and academic international experts ensures top quality information from multiple stakeholder perspectives Covers all things PV- from principles of solar cells and their raw materials, to the installation and design of full PV systems, including standards, testing, economics and environmental impacts Case studies, practical examples and reports on the latest advances take the new edition of this amazing resource beyond a vast collection of knowledge, into the realm of real world applications

This practical and comprehensive handbook offers step-by-step instruction, guiding entrepreneurs of innovative technology startups all the way from idea to profitability. With its easy-to-follow format aimed at both experienced as well as novice entrepreneurs, this book covers all technical, financial, legal, and governmental hurdles facing startups. It discusses common causes of business failure and points out the pitfalls to avoid in getting innovative technology successfully to market.

Intended for any healthcare professional working with surgical patients, including medical students, residents, surgeons and internists, nurses, dieticians, pharmacists, and physical therapists, The Practical Handbook of Perioperative Metabolic and Nutritional Care focuses on topics from the history of surgery and metabolism, to organic response to stress. Based on clinical processes, the author explores screening, assessment, and the impact of nutritional status on outcomes, in addition to investigating nutritional requirements, including macronutrients and micronutrients. Chapters examine wound healing as well as metabolic and nutritional surgical preconditioning, including coverage of preoperative counseling, preoperative nutrition, and preoperative fasting. Physical exercise is addressed, as well as nutritional therapy in the form of oral supplements, and enteral and parenteral approaches. Additional topics explored include nutrition therapy complications and immunomodulatory nutrients, pro, pre and symbiotics, postoperative oral, enteral and parenteral nutrition, enteral access, vascular access, fluid therapy, and more. With up-to-date information, practical and cost-effective data, this resource is critical for translating theory to practice. Focuses on preoperative metabolic and nutritional preparation for surgery Explores processes for intra and postoperatively assessing metabolic and nutritional state to ensure patient progress Contains content based on clinical process

This extensive handbook presents up-to-date coverage of significant developments in estuarine and marine pollution. Multidisciplinary in approach, Practical Handbook of Estuarine and Marine Pollution is an essential resource for anyone involved in the study or management of coastal and marine pollution problems. The book examines in detail anthropogenic effects on estuarine and marine ecosystems from local, regional, and global perspectives. A truly international collection of data is presented in an organized framework on a wide range of subject areas, including eutrophication, organic loading, oil pollution, polycyclic aromatic hydrocarbons, halogenated hydrocarbons, trace metals, radioactive waste, dredging and dredged-spoil disposal, and effects of electric generating stations. Whether you are a student, a scientist, a policy maker, or an administrator, you no longer need to spend countless hours rounding up

information and data - Practical Handbook of Estuarine and Marine Pollution has already done it for you.

This simple and essential book about the craft of acting describes a technique developed and refined by the authors, all of them young actors, in their work with Pulitzer Prize-winning playwright David Mamet, actor W. H. Macy, and director Gregory Mosher. A Practical Handbook for the Actor is written for any actor who has ever experienced the frustrations of acting classes that lacked clarity and objectivity, and that failed to provide a dependable set of tools. An actor's job, the authors state, is to "find a way to live truthfully under the imaginary circumstances of the play." The ways in which an actor can attain that truth form the substance of this eloquent book.

Addresses a central issue in contemporary therapeutic practice adherence to treatment. This volume presents research and theory on adherence, both in general and with respect to individual treatment concerns such as diabetes, HIV, heart care, and more.

This self-contained handbook provides a carefully researched, compact source of key earth science information and data, logically sorted by subject matter, and then cross-referenced. Appealing to both experts and non-experts alike, the book presents earth science and environmental science as closely intertwined. It includes tables of the global distributions of fossil fuels, contrasted by tables of the distribution of non-fossil energy sources. Concise explanations cover the subject matters of geology, geophysics, oceans, atmosphere with attention to environmental implications and resources.

Fluorescein angiography is an eye test that uses a special dye and camera to look at blood flow in the retina and choroid, the two layers in the back of the eye (MedlinePlus). This book is a practical guide to fluorescein angiography. Divided into five sections, it covers interpretation, general principles for interpreting a pathological fluorescein angiography, pathological fluorescein angiography analytical study, pathological fluorescein angiography and major fluorescein angiography syndromes, including diabetic retinopathy, vascular occlusions, age related macular degeneration and inflammatory disorders. Written by internationally recognised specialists Bruno Lumbroso and Marco Rispoli from Centro Oftalmologico Mediterraneo in Rome, this handbook includes nearly 170 angiograph images and tables to help trainees recognise and interpret angiographic findings and make an accurate diagnosis of ophthalmic disorders. Key points
Concise guide to recognising and interpreting fluorescein angiography
Covers all major angiographic syndromes
Written by internationally recognised specialists from Rome
Includes nearly 170 angiographic images and tables

Clinical OCT Angiography Atlas is a comprehensive guide to this important new imaging modality in ophthalmology. The book is divided into two parts; the first covers the technology and interpretation of OCT angiography, the second covers the study of diseases and disorders using OCT angiography. The second part is further divided into seven sections which

provide a general update on clinical OCT angiography research across a range of retinal and choroid disorders. The final section discusses ongoing research and future developments in technology, particularly Ultrahigh Speed Swept Source technology. Enhanced by 251 full colour images, and edited by an internationally recognised team of ophthalmology experts led by Prof Bruno Lumbroso, this book is at the cutting edge of OCT technology. The operating principles and future of this technology are discussed in depth by its original developers, making this an informative and authoritative work. Key Points Comprehensive, illustrated guide to new imaging technology Edited by international team of ophthalmology experts Operating principles and future developments discussed by the original developers 250 full colour images and illustrations

Arguably the most important ancillary test available to ophthalmologists worldwide, optical coherence tomography (OCT) has revolutionized the field, and now includes angiographic evaluations (OCTA) that provide vascular flow data without eye injection. Handbook of Retinal OCT is an easy-to-use, high-yield guide to both OCT and OCTA imaging for practitioners at any stage of their career. Highly templated, concise, and portable, this revised edition helps you master the latest imaging methods used to evaluate retinal disease, uveitis, and optic nerve disorders. Helps all health professionals with an interest in OCT to better and more quickly interpret OCT imaging, offering quick, highly visual guidance for evaluating age-related macular degeneration, diabetic retinopathy, retinal vein occlusion, and much more. Provides quick answers with bulleted, templated chapters, each focused on one specific diagnosis or group of diagnoses with a particular OCT appearance. Demonstrates how the full spectrum of diseases presents through approximately 400 illustrations, including the highest-quality spectral-domain OCT images available and more than 50 new OCTA images. Includes five new chapters covering optic nerve disease with retinal findings, pachychoroid diseases, paracentral acute middle maculopathy (PAMM), auto-immune retinopathies, and primary uveal lymphoma. Offers clear visual guidance on image patterns with multiple arrows and labels throughout to highlight key details of each disease.

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