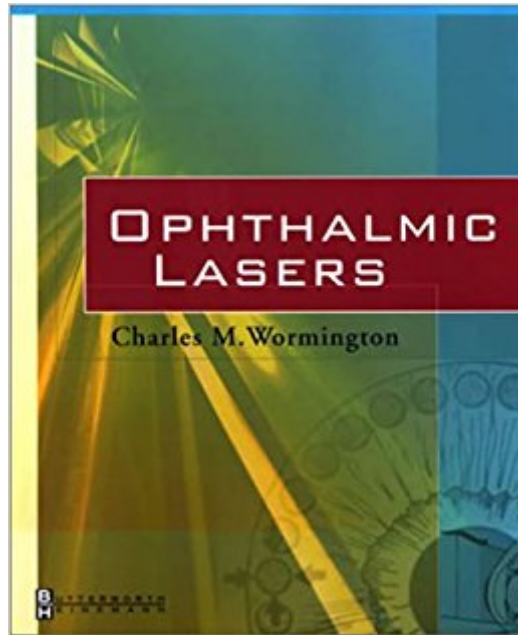




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Ophthalmic Lasers, 1e



Synopsis

Reflecting the recent fundamental revolution in the field of ophthalmic lasers, this book responds to the need for a comprehensive, practical understanding of clinical ophthalmic lasers and their diagnostic and therapeutic uses. It emphasizes the important new diagnostic uses of lasers for both the anterior and posterior segments and the therapeutic uses for the anterior segment. It details how lasers are used to treat a variety of ocular conditions, such as cataract and glaucoma, addressing the optometrist's role in laser applications, such as referrals and post-procedure complication management. Describes how to manage ophthalmic laser patients before, during, and after laser surgery. Covers the diagnostic and therapeutic uses of ophthalmic lasers. Discusses the newest advances in ophthalmic lasers to keep readers up-to-date on the subject. Lays the foundation for understanding the uses of all the available clinical lasers, as well as future laser systems, with a detailed explanation of each type of system. Covers the basics of lasers, how they work, what components are necessary, how their output is described, characteristics of laser radiation, the way lasers and tissues interact, and damage mechanisms that account for the clinical uses. Discusses new ophthalmic diagnostic uses of lasers in detail with up-to-date information on current and developing uses in this ever-evolving field. Provides detailed descriptions of many therapeutic uses of ophthalmic lasers in the anterior segment, such as vision correction, laser posterior capsulotomy, glaucoma treatment, laser iridotomy, and laser trabeculoplasty. Addresses clinical laser safety - an important topic for both students and practitioners. Follows a basic outline format, perfect as a convenient reference for the referring practitioner.

Book Information

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Customer Reviews

REVIEW OF CURRENT EDITION: "This book is significantly inclusive and covers a very wide range of both diagnostic as well as therapeutic laser applications. The book is written in outline form and has the distinct feel of a well-written, continuing education handout. The clinical chapters are broad and varied. Chapter 3, Ophthalmic Diagnostic Uses of Lasers, could be quite helpful to clinicians interested in assessing the technologies that are currently being used in optic nerve and nerve fiber layer assessment." - Optometry and Vision Science - 2003

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