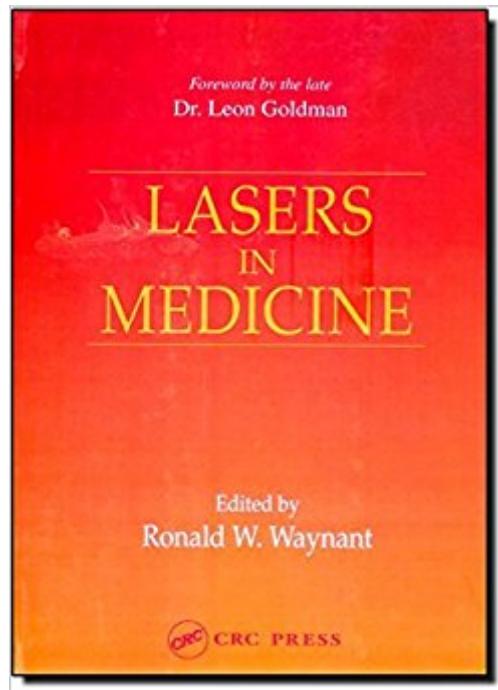




**Ebook Directory**  
the best source of ebook

The book was found

# Lasers In Medicine



## Synopsis

The use of lasers in medical practice has dramatically increased over the years. Lasers and modern optics have largely been unexplored in medical science. This contributed work is both optimistic and cautionary in its expert evaluation of the state-of-the-art medical use of laser technology. The use of lasers to improve upon conventional practice is highlighted in the foreword by the late Dr. Leon Goldman, widely regarded as the father of laser medicine. Focused on filling a need for a "basic physics" understanding of laser-tissue interactions, *Lasers in Medicine* brings together contributions from experts in various medical specialties, including ophthalmology, dermatology, and cardiovascular medicine. Each chapter addresses significant applications of laser technology and offers the author's perspective on the state-of-the-art within that specialty. The discussions convey enough basic information to enable readers to assess a laser's usefulness for a specific purpose and to understand its limitations: A clinical engineer needs to know what laser to use for tattoo removal-Chapter 1 lists laser wavelengths available and pulse characteristics for absorption in tattoo ink to thermally decompose the ink, allowing the body to remove it. An oncologist discovers cancerous tissue in the lining of a bladder-can photodynamic therapy be used to treat it, and what is the success rate? Chapter 10 details treatment and Chapter 6 tells how to find exactly where the cancer is located. A newly graduated ophthalmologist needs to know the advantages a laser can bring to his profession-Chapter 8 can provide the information he needs to know. Lasers have made many advances in medicine-especially in ophthalmology, dermatology, and cardiology-sparking a wave of enthusiasm. *Lasers in Medicine* supplies sufficient fundamental knowledge in order to more appropriately assess a laser's usefulness for a specific purpose, and to not attempt to purchase or utilize a laser when it is not the best solution.

## Book Information

Hardcover: 352 pages

Publisher: CRC Press; 1 edition (December 20, 2001)

Language: English

ISBN-10: 0849311462

ISBN-13: 978-0849311468

Product Dimensions: 7 x 0.8 x 10 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,650,204 in Books (See Top 100 in Books) #58 in [Books > Textbooks >](#)

Medicine & Health Sciences > Medicine > Special Topics > Lasers in Medicine #88 inÂ Books > Medical Books > Medicine > Lasers in Medicine #921 inÂ Books > Textbooks > Medicine & Health Sciences > Medicine > Biotechnology

[Download to continue reading...](#)

Lasers and Optical Fibers in Medicine (Physical Techniques in Biology and Medicine) Lasers in Dermatology and Medicine Lasers in Medicine How the Art of Medicine Makes the Science More Effective: Becoming the Medicine We Practice (How the Art of Medicine Makes Effective Physicians) Alternative Medicine: Homeopathic Medicine, Herbal Medicine and Essential Oils for Total Health and Wellness Essential Oils for Dogs: 100 Easy and Safe Essential Oil Recipes to Solve your Dog's Health Problems (Alternative animal medicine, Small mammal Medicine, Aromatherapy, Holistic medicine) Be You-T-Full: Looking your best with Botox, lasers, and other magical cosmetic treatments Ophthalmic Lasers, 1e Milady's Aesthetician Series: Lasers and Light Therapy Introduction to Optics and Lasers in Engineering Photonics Rules of Thumb: Optics, Electro-Optics, Fiber Optics and Lasers A Student's Guide to Fiber Lasers The Physics of Free Electron Lasers (Advanced Texts in Physics) Principles of Lasers (Library) Optics and Lasers: Including Fibers and Optical Waveguides (Advanced Texts in Physics) Lasers in Endodontics: Scientific Background and Clinical Applications Lasers in Dentistry Principles of Lasers Lasers and Electro-optics: Fundamentals and Engineering Quantum Cascade Lasers

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)