



HERBERT P. WIEDEMANN, MD, EDITOR

CT AND SONOGRAPHY OF THE ACUTE ABDOMEN

By R. Brooke Jeffrey, Jr., MD
Raven Press

This abundantly illustrated text fulfills the author's intentions to produce a concise clinical guide for the use of computed tomography (CT) and sonography—the leading noninvasive methods for evaluating patients with suspected abdominal disease. Although the emphasis is on the strengths and weaknesses of these two modalities, the author also refers to other imaging modalities and non-imaging diagnostic methods.

The author addresses the causes of acute abdomen, including trauma, inflammatory disease, infections, vascular compromise, and postoperative complications. He also covers special problems, including ectopic pregnancy, renal transplant rejection, and obstruction of the gastrointestinal and urinary tracts. Also reviewed is the role of CT and sonographically guided percutaneous procedures.

An imaging overview section introduces each topic, with a capsule summary of the relative merits of the imaging modalities of choice. Occasionally, the author discusses the deficiencies of other imaging techniques. This introductory section is followed by a more in-depth discussion of the clinical and imaging features of each entity.

In addition to excellent pictures, each chapter is accompanied by an extensive, up-to-date bibliography.

This text will prove especially beneficial to radiology residents and to those practitioners who need more information about appropriate use of these modalities; it will also serve as a worthwhile review for the established radiologist.

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OPHTHALMIC LASERS

Third edition, by Francis A. L'Esperance, Jr., MD
CV Mosby Company

The use of lasers in medicine has captured the imagination of the public and, to a high degree, the interest of the medical community. Ophthalmology has a long tradition of extensive, ever-expanding use of lasers of various wavelengths and capabilities. In these two volumes, Dr. L'Esperance has culminated a great effort by updating all of the existing laser information within ophthalmology today.

Several well-known experts authored many of the chapters, which include discussions of the history of laser technology; the basic technology and biophysical aspects of laser use; and the specific effects lasers have on ophthalmic tissue. All of the currently useful wavelengths and indications for medical use are arranged by disease entity and discussed thoroughly. These chapters should be particularly valuable to students of laser technology and its application.

The second volume includes updated information on the newer laser modalities, such as the carbon dioxide laser, the YAG laser, and the excimer laser. The newer indications for each of these modalities, including corneal sculpting surgery, are also discussed. The volume concludes with an appropriate discussion of the complications of laser use, and some projections on what the future holds for this rapidly changing field.

This publication has been a classic work, and remains so, for any serious student in the field of ophthalmic lasers. The vast amount of information contained here belongs in every ophthalmic library, and should be read by all who use lasers in ophthalmology.

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