



Practical Essentials of Intensity Modulated Radiation Therapy (Hardback)

By K.S.Clifford Chao, Tony Wang, Tim Marinetti

Lippincott Williams and Wilkins, United States, 2013. Hardback. Condition: New. Third, None. Language: English . Brand New Book. The third edition of Intensity Modulated Radiation Therapy was written to enhance the reader's understanding of the cutting-edge technology of Intensity Modulated Radiation Therapy. It is designed to both update old readers and inform new readers about the complexities and details of clinical management. This completely updated edition provides a step-by-step, practical approach to the use of IMRT in the evaluation and treatment of cancer patients. Because of IMRT's ability to employ individually controlled beamlets, it is an extremely promising technique, especially when paired with CT, PET, and/or MRI. With these improved procedures, doctors and clinicians will be able to take high resolution images of tumors while minimizing dosages to surrounding tissue. In order to focus on the most up to date IMRT techniques, the introductory chapters have been condensed to provide a brief overview of IMRT physics, mechanics and quality assurance, and also CT and MR imaging. To help assist in clinical decision-making it provides the reader with more than 700 full-color illustrations, IMRT tables and clear, straightforward descriptions that address a range of tumor types and sites including head...



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