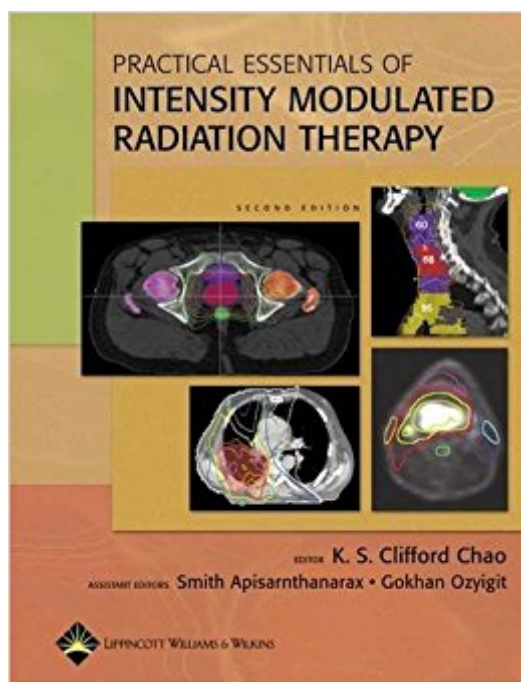


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# Practical Essentials Of Intensity Modulated Radiation Therapy



## Synopsis

The primary objective of this book is to teach residents, fellows, and clinicians in radiation oncology how to incorporate intensity modulated radiation therapy (IMRT) into their practice. IMRT has proven to be an extremely effective treatment modality for head and neck cancers. It is now being used effectively in other sites, including, prostate, breast, lung, gynecological, the cervix, the central nervous system, and lymph nodes. The book will provide in a consistent format an overview of the natural course, lymph node spread, diagnostic criteria, and therapeutic options for each cancer subsite.

## Book Information

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## Customer Reviews

International Journal of Radiation Oncology Biology Physics, Volume 62, Issue 3 -- "The use of intensity modulated radiation therapy (IMRT) in academic centers as well as in community-based radiation oncology practices continues to increase. This book provides an excellent guide to cross-sectional anatomy of the primary site and nodal drainage basins for most head-and-neck primary tumor subsites. It integrates CT, PET, and MR imaging using full color to provide numerous examples of target volume and normal tissue delineation. This book is more than an atlas of radiographic anatomy, though. Most chapters discuss anatomy, natural history and routes of tumor spread, imaging modalities and staging, determination and delineation of target volumes and normal tissues, dose prescription, and results of IMRT. The sections describing the delineation of target volumes and normal tissues using cross-sectional images, diagrams, and text descriptions are

particularly helpful. This is a valuable book that should be available in any department performing IMRT and one that should be among a resident's initial book purchases. Although the management of cancer changes with the development of new drugs and with the results of clinical trials, the fundamentals reflected in Practical Essentials of Intensity Modulated Radiation Therapy are not going to change, and this book will be a valuable reference on a daily basis to the trainee and practicing physician alike for years to come." International Journal of Radiation Oncology Biology Physics

very good book. good image and a synthetic text with the essential items. The book obtain the goal to practice use. A book is a very good assistance for the daily work.

'Practical Essentials of Intensity Modulated Radiation Therapy' starts out with an introduction to IMRT, and terminology that is commonly encountered with IMRT. This book describes in detail the delineation of target volumes and normal tissues using ct and mri cross sectional color images. Standard dose prescriptions for IMRT for various sites are mentioned clearly. Each site ends with a review of results of IMRT treatment. For radiation oncologists starting out on an IMRT program, this book is definitely a must have.

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