

Treatment Planning in Radiation Oncology

Comprehensive guide to state-of-the-art treatment planning techniques in radiation oncology.

Source: Lippincott Williams & Wilkins (LWW)

Author(s): Faiz M. Khan, Ph.D.

ISBN-10: 0781785413

ISBN-13: 9780781785419

Provides the treatment planning team, radiation oncologists, medical physicists, and medical dosimetrists, with detailed information on both the physics of radiation treatment planning and the clinical aspects of radiotherapy for specific cancers. More than 600 illustrations provide practical examples of the methodologies.

Brand-new chapters in this edition cover image-guided radiation therapy, high dose rate brachytherapy, and brachytherapy treatment planning algorithms. The chapters have been completely updated, particularly in areas including intensity-modulated radiation therapy and brachytherapy.

- n Comprehensive, state-of-the-art guide to both the physics and the clinical aspects of treatment planning in radiation oncology
- n Geared to the entire treatment planning team—radiation oncologists, medical physicists, and medical dosimetrists
- n Half of the book devoted to the physics of radiation treatment planning; half the book focuses on clinical aspects of radiotherapy for specific cancers
- n Modern treatment planning techniques and algorithms for external beam photon, electron beam, and brachytherapy discussed in depth
- n More than 600 illustrations from daily clinical practice provide practical examples of the methodologies
- n Dr. Khan is a well-respected leader in the field; contributing authors are recognized experts
- n New to this edition:
 - n Brand-new chapters on image-guided radiation therapy, high dose rate brachytherapy, and brachytherapy treatment planning algorithms
 - n Chapters from the previous edition completely updated, particularly in areas including intensity-modulated radiation therapy and brachytherapy
 - n Larger (8.5" x 11") trim size allows images to be better presented.

Collections:

- n Doody's Essential (2009) Collection - Subscription
- n LWW Doody's Core Collection (2007) - Subscription option
- n LWW Doody's 2008 Core Collection (Subscription)
- n LWW Medical Book Collection - no textbooks (2007) Subscription
- n Lippincott Williams & Wilkins Nursing Book Collection
- n Lippincott Williams & Wilkins Radiology Book Collection
- n LWW Complete Book Collection 2009 - Purchase
- n LWW Doody's All Reviewed Collection 2008
- n LWW Doody's Core Collection (2007) - Purchase option
- n LWW Doody's Core Title Collection 2008
- n LWW Doody's Core Title Collection 2009
- n LWW Doody's Essential Collection 2009
- n LWW Medical Book Collection - no textbooks (2007) Purchase (RENEWALS ONLY)
- n LWW Medical Book Collection - no textbooks (2007) Purchase - Revised



Wolters Kluwer
Health

Ovid

content + tools + services

- n LWW Medical Book Collection - no textbooks (2008) Purchase
- n LWW Medical Book Collection - no textbooks (2009) Purchase
- n LWW Oncology Book Collection
- n LWW Oncology Book Collection - Purchase 2009
- n LWW Radiology Book Collection - Purchase - 2009

Broad Subjects:

Clinical Medicine; Health Professions

Specific Subjects:

Oncology; Radiology

Access Options:

- n Ovid Internet, updated None

Other Information:

- n Edition: 2nd
- n Pages: 527
- n Year: 2007
- n Illustrations: 669