



## Treatment Planning in Radiation Oncology

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

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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.

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- n Ovid Internet, updated None

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- n Edition: 2nd
- n Pages: 527
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