This classic full-color text helps the entire radiation therapy team - radiation oncologists, medical physicists, dosimetrists, and radiation therapists - develop a thorough understanding of 3D conformal radiotherapy (3D-CRT), stereotactic radiosurgery (SRS), high dose-rate remote afterloaders (HDR), intensity modulated radiation therapy (IMRT), image-guided radiation therapy (IGRT), Volumetric Modulated Arc Therapy (VMAT), and proton beam therapy, as well as the physical concepts underlying treatment planning, treatment delivery, and dosimetry.

- Stay on top of the latest advances in the field with new sections and/or discussions of Image Guided Radiation Therapy (IGRT), Volumetric Modulated Arc Therapy (VMAT), and the Failure Mode Event Analysis (FMEA) approach to quality assurance.
- Deepen your knowledge of Stereotactic Body Radiotherapy (SBRT) through a completely new chapter that covers SBRT in greater detail.
- Expand your visual understanding with new full color illustrations that reflect current practice and depict new procedures.
- Access the authoritative information you need fast through the new companion website which features fully searchable text and an image bank for greater convenience in studying and teaching.

Publication Year: 2014
Edition: 5th Ed.
Author/Editor: Khan, Faiz M.; Gibbons, John P.
Publisher: Lippincott Williams & Wilkins (LWW)
Doody's Star Rating®: ★★★ Score: 85
Doody Core Title: Score: 2.6 (Medical Physics) Doody's Essential Title
Platform: OvidMD, Ovid
Product Type: Book
Speciality: Imaging Technology, Oncology, Radiology, Rehabilitation & Physical Medicine, Residents
Language: English
Pages: 624
Illustrations: 0
Included In: Lippincott Williams & Wilkins Doody's Core Book Collection 2018, Lippincott Williams & Wilkins Doody's Essential Book Bridge Collection 2018, Lippincott Williams & Wilkins Doody's Essential Book Collection 2018
Khan's The Physics of Radiation Therapy

Lippincott Williams & Wilkins Oncology Book Collection 2018
Lippincott Williams & Wilkins Radiology Book Collection