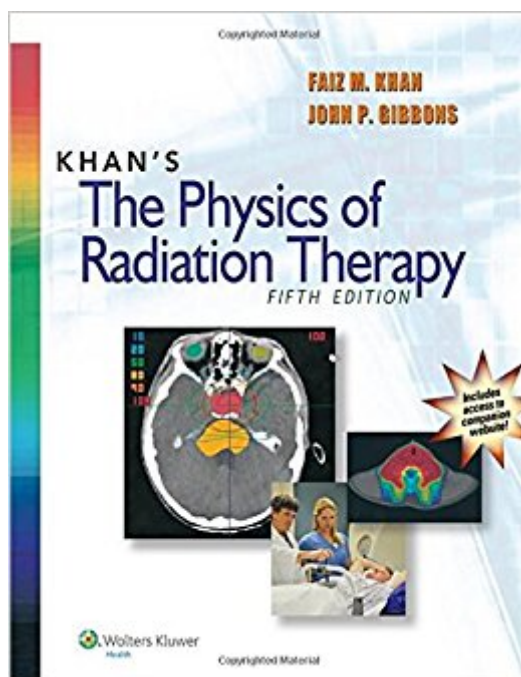


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# Khan's The Physics Of Radiation Therapy



## Synopsis

Expand your understanding of the physics and practical clinical applications of advanced radiation therapy technologies with Khan's *The Physics of Radiation Therapy*, 5th edition, the book that set the standard in the field. 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. In preparing this new Fifth Edition, Dr. Kahn and new co-author Dr. John Gibbons made chapter-by-chapter revisions in the light of the latest developments in the field, adding new discussions, a new chapter, and new color illustrations throughout. Now even more precise and relevant, this edition is ideal as a reference book for practitioners, a textbook for students, and a constant companion for those preparing for their board exams.

**Features** 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.

## Book Information

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## Customer Reviews

Buying the Kindle edition of this book was a HUGE waste of money. I regretted it the minute I started reading it. There are no page numbers, so you can't match it to the physical book, and it's also impossible to reference a page number. I bought the Kindle edition thinking I could use the book both at home and at work without having to lug it back and forth, but instead I'm using an older edition because I hate using the Kindle edition. This is way too much money to spend on something that you can't get a refund on if you're dissatisfied. Did I mention I hate it?

- Lots of errors- No way of relating the page numbers with the paper book (for homework for example)- Difficult to make out the contents of some of the tables (e.g. Table A.10.2) I am seriously regretting having purchased this e-book. Please update it and give people who have already purchased the book a free copy.

Great information

This is the best medical physics text book I've used. It's fairly comprehensive and has example calculations and useful summary tables.

It's the bible of radiation oncology. ãfÂ Ã Å,Ã ÆœÃ Å“

This book is riddled with very serious typos. Several of the formulas have very serious typos. As written these formulas are blatantly wrong and could easily confuse someone that is not yet familiar with the subject. Buy the earlier version instead.

This book is extremely informative. There is just enough information in here to understand the physics of radiation therapy for physicists, dosimetrists, therapists, and whomever else is involved with radiation therapy. I knocked a star off because there are a number of grammatical mistakes, typos, and printing errors (e.g. random spaces in the middle of words). You would think by the 5th edition they would have hired a proofreader and fixed these issues by now. Otherwise it is a great

book, and I highly recommend it even if it isn't required for courses you are taking. In addition, getting the latest version is crucial as the field of radiation therapy is constantly evolving, and this book keeps up with current developments.

It is a good book overall. The added chapters are great. Look at the picture in page 470. Now, look at the cover.

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