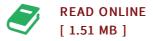




## Intensity Modulated Radiation Therapy (IMRT) Technique

By Tamer Dawod

LAP Lambert Academic Publishing Nov 2012, 2012. Taschenbuch. Book Condition: Neu. 220x154x15 mm. Neuware -The development of three dimensional conformal radiotherapy (3D-CRT), in which the high-dose volume matches the target volume and avoids normal tissues, has been a major theme for improving the physical basis of radiotherapy. Intensity modulated radiation therapy (IMRT) is the most advanced form of 3D-CRT. As with medical imaging, its development requires the professional activity of physicists and engineers. This study carried out in Ayadi Almostkbal Oncology Center Alexandria, Egypt. All Dosimetric measurements were carried on siemens linear accelerator (ARTISTE) which produces photons with energy 6 and 10 MV. This study aimed to carrying out dosimetric and verification measurements for applying intensity modulated radiation therapy (IMRT) technique on oncology patients. Dosimetry involves more than accounting for delivered dose. It involves ensuring that the MLC shapes are accurate and are correctly assigned to the patient. Any changes in shaping must be correctly and accurately incorporated into the field sequence. The information system should be implemented in a way that ensures good quality assurance practices. 168 pp. Englisch.



## Reviews

Very helpful to all class of folks. Better then never, though i am quite late in start reading this one. You can expect to like just how the blogger create this pdf.

-- Mandy Larson

A fresh electronic book with a new viewpoint. I was able to comprehended every thing using this written e pdf. Once you begin to read the book, it is extremely difficult to leave it before concluding.

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