Many experts in clinical radiation therapy dosimetry and methods contributed to this textbook. It covers four important aspects of clinical dosimetry: instrumentation, measurements and computation, clinical applications and finally emerging technologies. This article is protected by copyright. All rights reserved. Do you want to read the rest of this article? Request full-text. Citations (0). This book provides a first comprehensive summary of the basic principles, instrumentation, methods, and clinical applications of three-dimensional dosimetry in modern radiation therapy treatment. The presentation reflects the major growth in the field as a result of the widespread use of more sophisticated radiotherapy approaches such as intensity-modulated radiation therapy and proton therapy, which require new 3D dosimetric techniques to determine very accurately the dose distribution. It is intended as an essential guide for those involved in the design and implementation of new treatment protocols. Superficial Radiation Therapy and Electronic Brachytherapy. In: Jonathan Kantor, ed. Investigated the clinical efficacy of radiation therapy for cancer in patients aged 90 years or older. Rodriguez et al., "The treatment of periocular basal cell carcinomas by radiotherapy." British Journal of Ophthalmology, 1992, 76, 195-197. https://bjo.bmj.com/content/76/4/195. I’ve found that “Clinical 3D Dosimetry in Modern Radiotherapy” edited by Ben Mijnheer achieves this balance nicely. The evolution of 3D dosimetry in radiotherapy over the past 20 years is far more a tumbleweed of innovation mixed with pragmatism, than a neat, uniformly organized fabric of knowledge. Yet the opportunity to sit and browse through a book which has all the necessary ideas sorted and clearly explained is a blessing for anyone with an interest in radiotherapy physics. “If you buy the hardcopy version, this is a large, heavy book offering a thorough overview of the current status of 3D dosimetry for those in working in clinical radiotherapy. Depending on the specific needs of your institution, this book may be a valuable addition to your library.” Editor-in-Chief Ben Mijnheer has recruited an impressive team authors, all international experts in their area of radiation dosimetry. Addendum to the AAPM’s TG-51 protocol for clinical reference dosimetry of high-energy photon beams. M McEwen. Med. Phys. 2014. A standard graphite calorimeter for dosimetry in brachytherapy with high dose rate 192Ir sources.