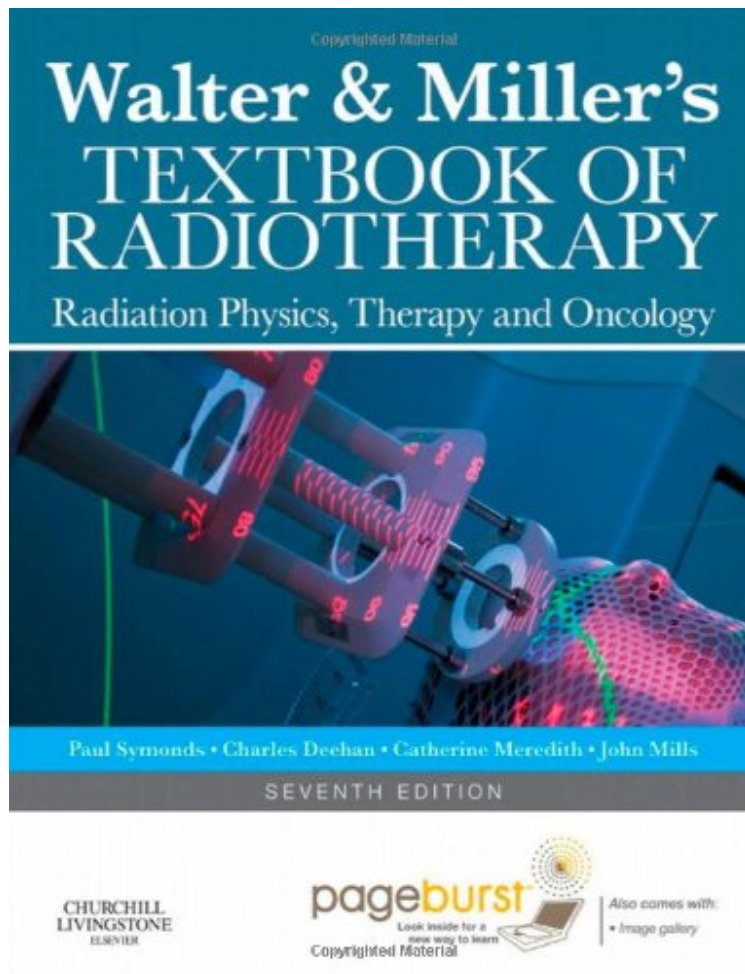


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## Walter and Miller's Textbook of Radiotherapy: Radiation Physics, Therapy and Oncology, 7e

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A comprehensive textbook of radiotherapy and related radiation physics and oncology for use by all those concerned

with the uses of radiation and cytotoxic drugs in the treatment of patients with malignant disease. Walter Miller's Textbook of Radiotherapy has become the core text for therapeutic radiography students and an important introductory text for trainee radiologists and clinical physicists. The book is divided into two parts: the first covers underlying principles of physics, and the second is a systematic review by tumour site concentrating on the role of radiotherapy in the treatment of malignant disease and setting its use in context with chemotherapy and surgery. The 7th edition continues the tradition of bringing the physics and clinical application of radiation for therapy together at entry level and is completely revised to take into account the huge technological advances in radiotherapy treatment since publication of the previous edition. \*Imaging is now an essential part of radiotherapy, relevant for both the treatment and preparation of a patient's treatment. Radionuclide imaging and X-ray imaging have been expanded to MRI and PET, along with some use of ultrasound. \*Treatment planning dose prediction - the basis and application of modern computational calculations are explained for modern treatment delivery systems. The role of the algorithm for dose prediction is central to ensure speedy and accurate calculations for treatment. \*Quality Control \*Quality Systems The book is supported by Evolve electronic resources: sample plans, additional diagnostic images and clinical photographs.

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