



Practical Radiotherapy Planning Fourth Edition

By Ann Barrett, Jane Dobbs, Tom Roques

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Planning is a critical stage of radiotherapy. Careful consideration of the complex variables involved and critical assessment of the techniques available are fundamental to good and effective practice.

First published in 1985, **Practical Radiotherapy Planning** has, over three editions, established itself as the popular choice for the trainee radiation oncologist and radiographer, providing the 'nuts and bolts' of planning in a practical and accessible manner.

This fourth edition encompasses a wealth of new material, reflecting the radical change in the practice of radiotherapy in recent years. The information contained within the introductory chapters has been expanded and brought up to date, and a new chapter on patient management has been added. CT stimulators, MLC shieldings and dose profiles, principles of IMRT, and use of MRI, PET and ultrasound are all included, amongst other new developments in this field.

The aim of the book remains unchanged. Complexity of treatment planning has increased greatly, but the fourth edition continues to emphasise underlying principles of treatment that can be applied for conventional, conformal and novel treatments, taking into account advances in imaging and treatment delivery.

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"the layout and presentation is very clear, with easy to read sections and headings ... I strongly recommend this book as essential reading for trainees in clinical oncology as well as radiographers. It is a useful book for anyone involved in the planning and delivery of radiotherapy. It is good value for money.."
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"The fourth edition represents a major revision of the 1999 edition. The introductory chapters are new, the book uses more clinical images to illustrate important planning concepts, and it emphasizes "the underlying principles of treatment, which can be applied to conventional, conformal, and novel treatments, taking into account advances in imaging and treatment delivery" as the authors state in the preface. Both trainees and practitioners of radiotherapy will find this a useful and quick guide to radiotherapy planning and treatment."
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"This edition is a great improvement on the previous as is more relevant to the modern practice of radiotherapy[...]this book fulfils the aims it sets out in the preface and (is) easily affordable by an individual trainee or a department."
?SCOPE Magazine - the Institute of Physics and Engineering in Medicine

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