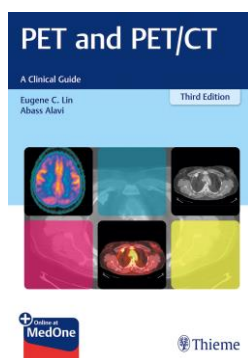


## Book shelf

**PET and PET/CT: A Clinical Guide, third edition**

Lin, Alavi

**REVIEW INFO**

Publisher:  
Thieme

ISBN:  
978-1-62623-134-4

RRP:  
£84.00

RAD Magazine price:  
£73.50\*

*\*Prices correct as at April 22, 2020, please call (01371) 812960 for current prices.*

**REVIEW**

*Book reviewed by Dr Fahmid Chowdhury, consultant radiologist and nuclear medicine physician, Leeds Teaching Hospitals NHS Trust.*

The third edition of this best-selling textbook edited by Eugene Lin and Abass Alavi provides a succinct yet comprehensive update on clinical PETCT. It will benefit radiologists and nuclear medicine physicians who are relatively new to this rapidly evolving imaging modality, while also providing veteran practitioners with a very helpful update on all areas of PETCT in a compact format that is straightforward to assimilate. The layout of the book is extremely practical, with evidence-based pearls incorporated into every chapter and the frequent use of figures effectively illustrating key practical learning points throughout. The editors have enlisted the assistance of multiple contributors from respected academic institutions to update all aspects of the book.

It contains 34 chapters and is printed on 396 pages in a very convenient paperback format. It is divided into four broad sections. The first section provides an overview of the basic science behind PETCT imaging in sufficient detail as required by the clinical reader. The second section is an excellent summary of key concepts about patient preparation, including techniques to minimise physiological uptake, quantification of PET and standardised uptake value, and a practical description of important normal variants and benign findings. This section has been updated with brief descriptions of the latest technical advances, including radiomics and PETMR. The third and largest section covers the oncological uses of PETCT, which is presented in an anatomic region-based format. The practical arrangement of the book with key learning points and good use of illustrations is particularly underscored in this section. There is helpful inclusion of a specific chapter on Gallium-68-based PETCT imaging. The fourth section, which focuses on the non-oncological uses of PETCT, includes chapters on paediatric imaging, radiotherapy planning, neurological and cardiac applications, all of which are covered in sufficient detail to

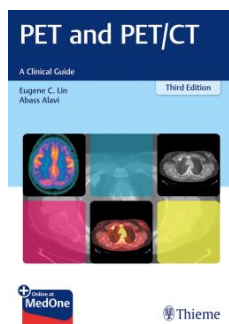
*review continues ...*

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*... review continued*

provide a practical guide to these increasingly important aspects of PETCT imaging.

Overall, the latest version of *PET and PET/CT: A Clinical Guide* achieves its editors' objectives of providing an extremely practical "succinct yet comprehensive state-of-the-art book." It will prove valuable to novice as well as experienced PETCT practitioners who wish to use this excellent resource to assimilate practical knowledge and key evidence-based facts about PETCT imaging at an accelerated pace.

*\*Prices correct as at April 20, 2020, please call (01371) 812960 for current prices.*