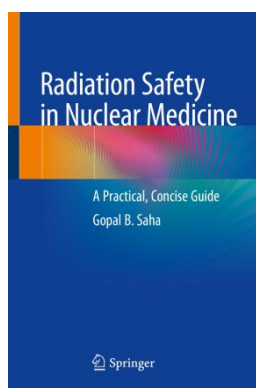


Book shelf

Radiation Safety in Nuclear Medicine: A Practical, Concise Guide

Saha

REVIEW INFO



Publisher:
Springer

ISBN:
978-3-030-16405-8

RRP:
£54.99

RAD Magazine price:
£48.12*

REVIEW

Book reviewed by Dr Heather Williams, principal medical physicist, nuclear medicine, The Christie, Manchester.

This compact volume focuses on the practical application of radiation protection and safety during the day-to-day practise of nuclear medicine, and is designed to provide a concise summary as a handy reference for nuclear medicine practitioners and technologists.

The range of topics covered is comprehensive and impressive: basic physics of radiation safety; essential equipment in radiation safety; radiation units, radiation exposure and absorbed dose; radiation protection; regulatory framework for radiation protection; medical uses of radioactive materials; training and experience of authorised personnel; emergency procedures; management and release of patients administered with radioactivity; disposal of radioactive waste; transportation of radioactive material; and biological effects of radiation in humans.

There are also a number of helpful appendices listing units, constants, terms and abbreviations used in the text, as well as NRC notification and reporting requirements in different situations, decay charts for ^{99m}Tc , ^{131}I and ^{18}F , and a recommended 'chores list' to keep on top of radiation protection concerns. The text is set out clearly and liberally illustrated with relevant diagrams, tables, charts and figures, all of which are of excellent quality and some of which are in colour.

However, the book is very much written for the American market, drawing heavily on NRC and DOT legislation. Much of the content is therefore specific to the regulatory framework for radiation protection in the USA and is not relevant to the UK.

While the chapters on radiation physics and general radiation protection have broader appeal, they are heavily influenced by the American context

review continues ...

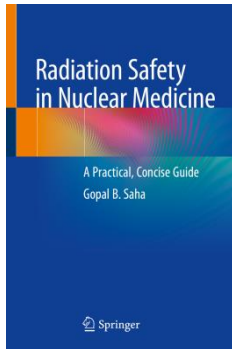
**Prices correct as at February 12, 2020, please call (01371) 812960 for current prices.*

Book shelf

Radiation Safety in Nuclear Medicine: A Practical, Concise Guide

Saha

REVIEW INFO



Publisher:
Springer

ISBN:
978-3-030-16405-8

RRP:
£54.99

RAD Magazine price:
£48.12*

REVIEW

... review continued

and are not entirely relevant to the culture and practise of radiation protection in the UK.

It is also of concern that such a book will date quickly, and there are dangers associated with having a handy reference on the office shelves of a busy nuclear medicine clinic that relates to former legislation and outmoded professional practice. It would seem more prudent to always have up-to-date legislation and guidance at your fingertips online, or via shared documents on departmental networks.

At £54.99, it is therefore hard to recommend this book as a good investment for those working within nuclear medicine in the UK.

**Prices correct as at
February 12, 2020,
please call (01371)
812960 for current
prices.*