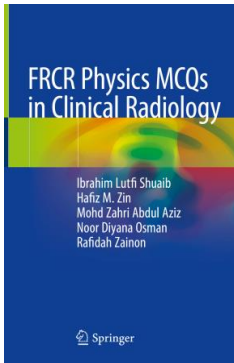


Book shelf

FRCR Physics MCQs in Clinical Radiology

Shuaib, Zin, Aziz, Osman, Zainon

REVIEW INFO



Publisher:
Springer

ISBN:
978-981-13-0910-6

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£69.99

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call (01371) 812960 for
current prices.

REVIEW

Book reviewed by Mark Worrall, principal clinical scientist, NHS Tayside.

FRCR Physics MCQs in Clinical Radiology provides nine examinations that follow the format of The Royal College of Radiologist's first FRCR examination (physics). This is potentially a useful resource for the student studying in preparation for this examination.

While the proportion of questions by category does not match the RCR examination exactly, it is close. CT, MRI and ultrasound are all under-represented, whereas molecular imaging is over-represented.

The book uses the November 2016 syllabus for the examination, making it a little out-of-date. There are questions about film/screen radiography, which is no longer examined. Of greater significance, the book bases its legislation questions on the now superseded Ionising Radiations Regulations 1999, Ionising Radiation (Medical Exposure) Regulations 2000 and the Medicines (Administration of Radioactive Substances) Regulations 1978. The RCR examination now examines against the updated IRR 2017 and IR(ME)R 2017 regulations. Many of the answers in the book's examinations are not correct for the new regulations, which is misleading for a candidate preparing for the examination.

While there is no verbatim repetition of questions from examination to examination, there are some very similar questions. This could be perceived as positive, however, since testing the same knowledge multiple times is a valid means of preparing a candidate for an examination.

The true/false question format can lead to ambiguity. Indeed, some of the questions are ambiguous; reasons for this include the use of unfamiliar terminology, the use of incorrect generalisations, poor language and grammar or insufficient information within the question. The answers for each question all give a brief explanation as to the reason, which allows the

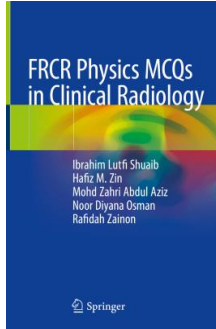
review continues ...

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student to learn despite the ambiguity.

The most significant issue is that some of the answers are incorrect; some of these are for basic questions, suggesting poor proof-reading. Some are for more complex questions, where the explanation given for the answer is also incorrect. The questions on legislation have a particularly high incidence of incorrect answers (incorrect for both the old and new legislation), but every category except basic physics contains questions with incorrect answers in at least one examination.

The book may still be of use to a candidate preparing for the RCR examination, however they should be aware that some of the answers are incorrect and be prepared to discuss any question for which their answer differs from that in the book with a medical physicist or subject specialist.

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