

## Book review

*Medical Imaging and Radiotherapy Research – Skills and Strategies*

Editor: Aarthi Ramlal

Forward: Peter Hogg

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*Medical Imaging and Radiotherapy Research – Skills and Strategies* is divided into six major sections comprising 20 chapters in total. The chapter authors are well recognized in the radiographic profession as they have made contributions to the literature related to the health sciences.

The editor has filled a much needed gap in the radiographic profession where literature that contextualized research-related information was sorely lacking. She has succeeded in selecting authors that are experts in their respective fields and whose collective knowl-

edge and contributions have resulted in a publication that could be used not only by the medical imaging and radiotherapy fields but also by researchers in general. In keeping with advanced technology in radiographic practice, there is a need to generate quality evidence based on sound clinical practice. This publication encompasses valuable research paradigms and hence provides a quality reference guide to the researcher.

Section 1 of the book deals with the historical beginnings of research, formulating of the research question, literature search with evaluation and critique, reflective practice and governance/ethics related to research.

This is followed by section 2, with research planning and section 3 with health technology assessments that refer to the 'effectiveness and efficiency' of diagnostic services. Section 4 deals with radiation dosimetry and quality assurance. Section 5 provides a comprehen-

sive section on data analysis. The concluding section includes the final writing up of a dissertation with some excellent good practice tips and pitfalls.

Each chapter is dedicated to a particular area of the research process and widely covers the information relevant to that area. The chapter on literature searching, for example, describes the need and guidance on how to conduct a search and not only how to extract the information but also how to manage this information. In addition each chapter concludes with a useful list of references.

The book is easy to follow and provides an excellent reference guide on how to conduct research especially research related to radiography.

Reviewed by: Dr FI Peer

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### CPD ANSWERS November 2010

1 c	5 b	9 d	13 c	17 b
2 a	6 b	10 b	14 a	18 c
3 c	7 all were accepted	11 c	15 b	19 d
4 a	8 a	12 d	16 d	20 b