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## Book Review: Handbook of Breast MRI by Jeremy Price Cambridge University Press ISBN: 978-0-521-13966-3 Paperback

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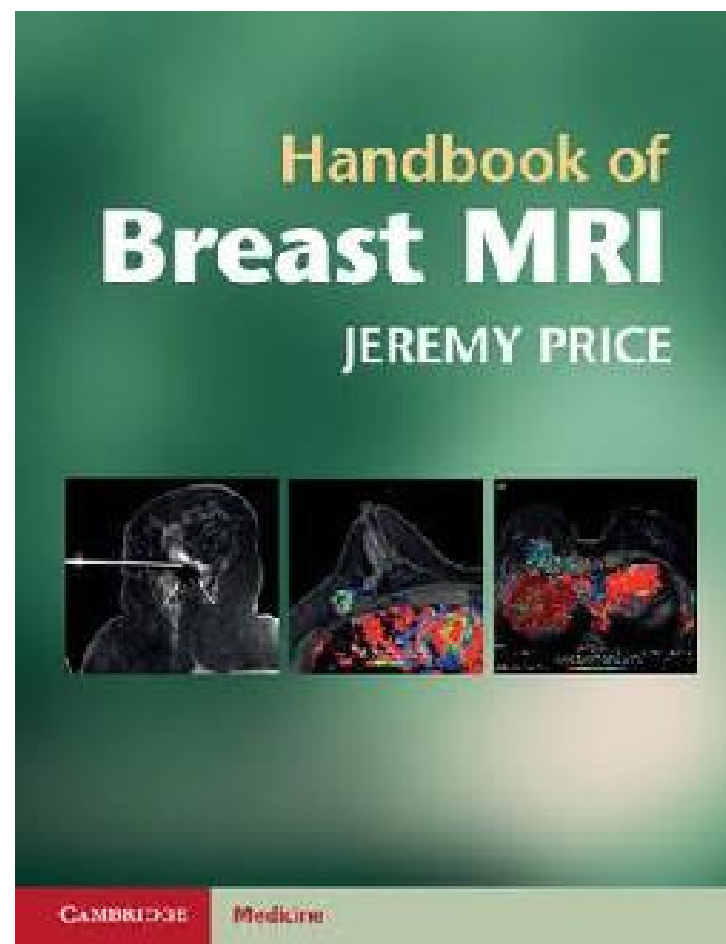
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### REVIEW

MRI is playing an increasing role in the management of breast disease and compliments more established modalities like ultrasound and mammography. However, its technique and interpretation is far more complex. The handbook of breast MRI helps unravel these complexities in a well-written series of small chapters.

I found the book concise, yet comprehensive. It is easy to read and I believe that a reader with no prior understanding of breast MRI, would find this book quite handy! The initial chapters revisit the physics and technique behind breast MRI, as well as the relevant anatomy. Subsequent chapters focus on image interpretation and disease, MRI-guided biopsies and the role of breast MRI in the screening of high-risk patients, pre-operative planning and in those with breast augmentation. Finally, there are concise appendices at the end that provide an overview on various relevant issues in breast cancer management, like radiation and systemic therapy and tumour staging. There is a nice progression of information, commencing from the basics and continuing to more complex topics.

The chapter on image interpretation helps the reader adopt a systematic, step-by-step approach to analysis and describes the spectrum of MRI morphologies that help in deciding between benign and malignant disease. Furthermore, it provides an understanding of contrast enhancement curves and how they can be useful in assessing the nature of a lesion, notably equivocal ones. The author rightfully emphasizes that MRI interpretation is not black or white with potential for misdiagnoses. The pitfalls and limitations are highlighted and the author provides useful tips and hints on how not to get caught out.



The content of the book is up to date and relevant to modern practice, complimented by a sufficient number of images of good quality. There are numerous references to past literature and studies. The written content is broken up by tables, flow-charts and images, thereby consolidating knowledge and emphasizing key points. Despite being a small book, the chapters provide a detailed understanding of disease pathology, breast MRI and its expanding role in patient management. Finally, a useful component of the book is the small collection of multiple-choice questions at the end of each chapter to check reader understanding.

This book costs £49 and will no doubt be beneficial to radiology trainees hoping to sub-specialize in breast radiology, who are the main target audience. However, I think that this would also be a useful resource to other clinicians involved in breast care.