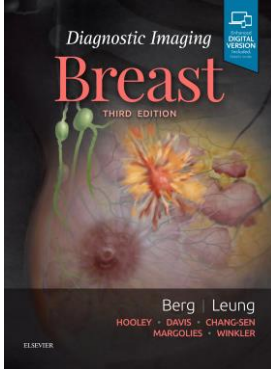


Book shelf

Diagnostic Imaging: Breast, third edition

Berg, Leung

REVIEW INFO



Publisher:
Elsevier

ISBN:
978-0-323-54812-0

RRP:
£263.99

RAD Magazine price:
£211.19*

*Prices correct as at June 17, 2020, please call (01371) 812960 for current prices.

REVIEW

Reviewed by Dr Caroline Taylor, consultant radiologist, Jarvis Breast Screening Centre and Royal Surrey County Hospital, Guildford.

This excellent reference textbook of 1,265 pages is also available as a digital version that is accessed through an easy-to-use app. The contributing authors practise in the USA but much of the content is highly applicable in the UK. It provides comprehensive up-to-date information on all aspects of breast imaging, diagnosis and treatment.

A major strength is the numerous images, which are carefully annotated and clearly illustrate the mammographic, ultrasound and cross-sectional imaging of both common and rarer breast conditions. There are also helpful pathology, intraoperative and clinical photographs.

The book is divided into sections, several of which have an introduction that provides valuable context with background information and a discussion of current challenges and issues. The content is presented logically in bullet points under subheadings, with the most important points summarised in key facts at the start of each topic. The 10 sections are on anatomy, imaging, interpretive criteria, lesion imaging characteristics, histopathologic diagnosis, signs and symptoms, special topics, treatment, post-operative and post-treatment imaging and procedures.

Topics in the imaging section include the basics of mammography, tomosynthesis, ultrasound and MRI, as well as advanced techniques such as MR spectroscopy, molecular breast imaging and PETCT. There are also sections on specific areas of interest such as interval cancers and genetic testing.

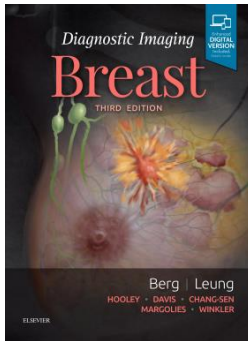
The interpretive criteria section summarises the BI-RADS lexicons and their usage. Lesion characteristics are then presented according to imaging appearance and also histopathologic diagnosis. Reflecting up-to-date

review continues ...

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REVIEW*... review continued*

practice, there is emphasis on receptor/marker status and molecular subtypes related to imaging appearances, prognosis and treatment.

The section on signs and symptoms has excellent clinical photographs of Paget's and Mondor disease and the special topics section covers subjects including gender reassignment and breast manifestations of systemic disease, eg amyloid.

In the section on treatment there is a useful summary of the seminal trials informing current medical, surgical and radiation treatment. Treatment issues discussed include management of multifocal disease, chest wall and skin invasion.

The post-operative and post-treatment imaging section covers topics such as implants and their complications, imaging following radiotherapy and neoadjuvant treatment, and positive margins and recurrence.

The procedures section covers image-guided procedures and surgical techniques, including new techniques such as localisation with radioactive seeds and oncological surgical techniques.

I highly recommend this book. It brings together a vast amount of information in an accessible way. It provides up-to-date cross-discipline knowledge that is valuable for those new to the speciality and also for more experienced members of the multidisciplinary team.

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