

**BREAST CANCER: THE ART AND SCIENCE OF EARLY DETECTION WITH MAMMOGRAPHY: PERCEPTION, INTERPRETATION, HISTOPATHOLOGIC CORRELATION**

Edited by László Tabár, Tobir Tot, and Peter B. Dean  
 476 pp, \$199.95  
 New York, NY, Verlage, Germany, Thieme, 2008  
 ISBN-13: 978-1-5889-0259-7

*BREAST CANCER: THE ART AND SCIENCE OF EARLY DETECTION With Mammography* is yet another superb text edited by László Tabár, one of the most eminent leaders in the field of breast imaging, and his colleagues. This text, along with previous texts by Tabár et al, is an important and significant contribution for any radiologist involved in the interpretation of mammography. The book provides the reader with an invaluable approach to the interpretation of mammograms, with particular attention to the diagnosis of the subtlest and earliest stages of breast cancer. From the explanation of basic approaches to the description of more detailed techniques, the scope is as appropriate for a fellow as it is for an experienced mammographer. We would strongly recommend this text to anyone involved in breast imaging.

The writing style is both direct and easy to follow. Likewise, the organization of the 9 chapters flows in an exceptionally logical manner. The outstanding and unique feature of this text is the correlation of the mammogram with the pathology, as demonstrated by subgross and 3-dimensional histologic images along with diagrams and charts. This beautifully illustrated book furthers the importance of radiological pathological correlation. The side-by-side illustrations demonstrate why the mammogram appears as it does based on the pathology. Only with this correlative type of teaching can this important concept be fully understood. This text accomplishes this task brilliantly.

The opening chapter, focusing on the normal breast, is a perfect introduction, because it is possible to focus on pathology and overlook basic anatomy. It deepens the reader's understanding of normal anatomy as well as of malignant disease. The book uses a systematic approach to interpretation of mammograms by breast pattern. This is very practical, because the density and composition of the breast tissue is a significant factor in the reliability of and confidence in mammographic interpretation. The description of 5 basic mammographic parenchymal patterns based on 4 "building block" densities is a straightforward, practical, and useful approach to mammographic interpretation.

The chapter reviewing the databases on the Swedish Two-County Trial, of which Tabár was the lead investigator, helps the radiologist understand the importance of early detection. These critical data will be appreciated by all radiologists. Importantly, this book gives radiologists the tools they need to

improve their interpretative skills, with particular emphasis on how to evaluate and work up subtle mammographic findings. Overall, it helps further a rationale and a systematic approach to mammographic interpretation for the diagnosis of preclinical, early—and thereby curable—breast cancers.

Chapter 7, the longest and most comprehensive, tackles how to detect very small cancers. Focusing on such topics as lesions manifesting as architectural distortion and densities in the retroglandular fat and the upper outer quadrant, the authors distill the high-yield information and present it concisely and with beautiful illustrations.

The chapter reviewing proper positioning for optimal mammographic imaging is an important part of the text. This topic, often excluded from mammography texts geared for radiologists, is excellently written and a significant contribution. A discussion of digital mammography as well as of how developing technologies may assist in the identification of the earliest breast cancers would have been helpful and ideally would be included in a subsequent edition.

In all, *Breast Cancer: The Art and Science of Early Detection With Mammography* is a beautifully illustrated and easy-to-read reference text. It belongs on the shelves of all radiologists who interpret mammograms. It is an excellent resource for radiological-pathological correlation of breast lesions. While mammographic interpretation may seem an art in the hands of experienced radiologists, this book delivers a exceedingly practical, systematic approach for the critical analysis of mammograms and arms the reader with the tools needed to approach mammography as a science.

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Financial Disclosures: None reported.

**THE AGING KIDNEY IN HEALTH AND DISEASE**

Edited by J. F. Macías Núñez, J. S. Cameron, and D. G. Oreopoulos  
 554 pp, \$179.50  
 New York, NY, Springer Science + Business Media, 2008  
 ISBN-13: 978-0-3877-2658-8

THIS IS THE FIRST EDITION OF A MULTIAUTHORED TEXT WRITTEN by renowned experts and researchers in the fields of geriatrics, urology, nephrology and hypertension, and physiology. It is intended for physicians and clinicians as well as for

Book and Media Reviews Section Editor: John L. Zeller, MD, PhD, Contributing Editor.