Written by recognized leaders in digital mammography, this volume is a complete guide to this new technology and its optimal clinical use. Coverage includes descriptions of current and emerging detector technologies and detailed reviews of clinical trials comparing digital mammography to screen-film mammography for both screening and diagnosis. Other chapters examine quality control procedures, discuss archiving and PACS issues, and preview future developments in computer aided detection, image processing, tomosynthesis, digital subtraction mammography, and image display. The book features a comprehensive atlas of digital mammography cases, with appropriate work-up images and pathologic diagnoses for every type of lesion.