

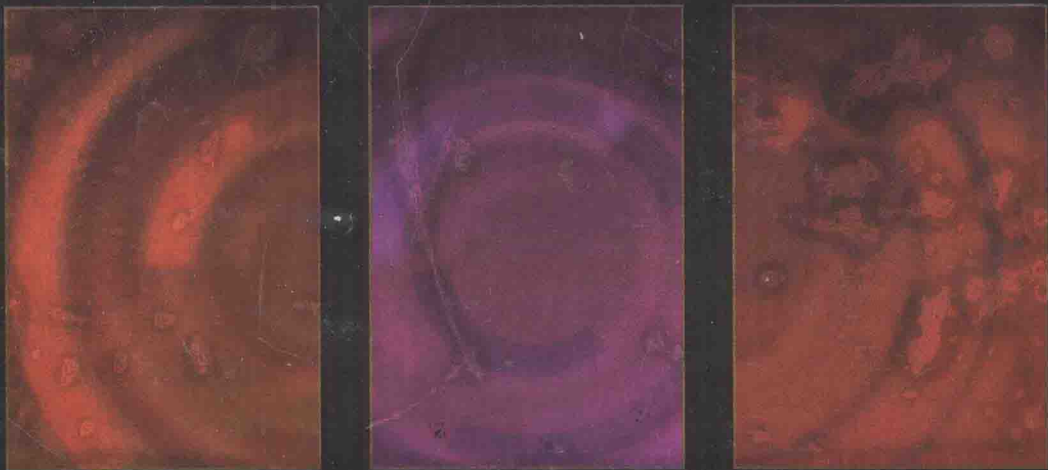
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# THE BREAST

COMPREHENSIVE MANAGEMENT OF  
BENIGN AND MALIGNANT DISORDERS

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*Volume One*

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# THE BREAST

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*Volume One*

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# THE BREAST

COMPREHENSIVE MANAGEMENT OF  
BENIGN AND MALIGNANT DISORDERS

*To our wives,  
Lynn and Martha,  
in appreciation for the generous support they provided to our careers  
which allowed the development of this book,  
and to our mentors,  
Edward R. Woodward, Jonathan E. Rhoads, and Richard G. Martin, Sr.,  
and to physicians and nurses of all oncologic disciplines  
who care for patients with diseases of the breast*

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## FOREWORD

*"In the world of surgical oncology: Biology is King, Selection is Queen, Technical manoeuvre is the Prince."* Blake Cady

The third edition of *The Breast: Comprehensive Management of Benign and Malignant Diseases* again establishes itself as the premier textbook in this area. Consisting of 23 sections and 87 chapters, Bland and Copeland have brought together under this umbrella the foremost authorities on breast diseases. The contributors to the third edition are multinational and multidisciplinary, including a unique combination of basic scientists and clinicians whose synergistic efforts contribute to an outstanding edition.

As early as 3000 BC, the medical literature reflects an interest in tumors of the breast. Hippocrates, Celsus, and Galen made it clear in their writings that "up to and through the Middle Ages, use of the knife was shunned and decried" in preference to the use of ointments, caustic materials, salves, and vitriol. Special historical reference should be made to St. Agatha, the patron saint of "the breast, wet nurses and bell founders whose aid was sought in many diseases of the breast and in fire, colic and dysentery." In 1973 Haagensen stated that "we have taken a great leap backwards in the treatment of carcinoma of the breast."

Fisher, in contrast, ushered in a new era in studying breast cancer when he remarked that "breast cancer is a heterogeneous, systemic disease involving a complexity of host-tumor inter-relationships; variations in locoregional therapy are unlikely to affect survival substantially."

For generations, the breast has been the focal point of great emotion, increasing lay dialogue, scientific investigation, and diagnostic innovations. The diagnosis, treatment, and etiology of breast cancer have geometrically escalated, and for the better. Although public interest in this subject (the breast industry) is not of recent vintage, the medical literature graphically illustrates the continuing research efforts across many

disciplines. All too often, physicians themselves do not possess the level of awareness and knowledge necessary to keep pace with consumer interest and demands, particularly with the advent of computers. Bland and Copeland have greatly assisted in bridging this deficit.

During the last decade, each year approximately 4500 to 5000 articles were published on breast diseases in the medical and surgical literature. Textbooks of this vintage are rare and a labor of love. Yokefellows Kirby Bland and Ted Copeland have combined their efforts to bring pride and knowledge to the discipline of surgery. The depth of this edition reflects their experience and the hands-on involvement of well-known clinicians. Information contained in these chapters represents a state-of-the-art knowledge in our understanding of bimolecular events involving the breast. The National Institutes of Health funding for research has doubled in the last decade. Their increased support for research, particularly translational investigations, has been important.

*The Breast: Comprehensive Management of Benign and Malignant Diseases* is a tour de force, including pertinent information regarding the history of the breast, its anatomy and physiology, congenital abnormalities, mastodynia, the heterogeneous expressions of breast cancer, counseling and psychosocial implications, the influence of hormones on the breast, immunotherapy, the application of biostatistics to clinical trials, and improved techniques in breast reconstruction.

This edition covers an increasing array of emerging diagnostic and therapeutic techniques in breast diseases. Of particular interest is the concentration in Sections III through V regarding benign diseases, an area receiving increasing attention in recent years. Improved diagnostic imaging, lymphatic mapping, and other technical changes have led to an earlier diagnosis of breast cancer with improved results. This up-to-date review of currently available diagnostic techniques and treatment patterns has affirmatively affected survivability. This is an excellent reference and is a must for your library.

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