
Breast Oncoplasty and Reconstruction

S. V. S. Deo
Editor

Breast Oncoplasty and Reconstruction

Principles and Practice

 Springer

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Foreword



Personalized breast cancer management has been driven by advancements in knowledge, technology, and a deeper understanding of the needs of breast cancer patients. Tailored treatments are being designed after a shared decision-making with the patient considering the full options that the patient has. One of the most notable shifts in breast cancer surgery has been the emphasis on performing breast surgery to achieve the best oncological outcome, the best cosmetic outcome, and the most negligible morbidity. This principle has driven breast surgeons to incorporate into their practice new and innovative techniques, such as oncoplastic breast surgical techniques, and improved breast reconstructions in the new era of patient-centered care.

Breast cancer incidence is on the rise around the world and it represents a challenge and complex healthcare issue in the LMICs. Higher breast cancer fatality rates in LMICs result from late-stage diagnosis and limited access to quality treatment, besides the lack of awareness regarding the benefits of early detection and effective therapies. Our aim as breast surgeons is to try to reduce all disparities in the field of breast cancer surgery and to improve breast cancer surgery training, and this book is destined to achieve this aim. In these chapters, you will find the whole insights from breast cancer specialists who have written this book to share their knowledge in order to improve breast cancer surgery and care in resource-constrained environments. This book is not only a resource for breast surgeons and trainees but also a proof that new surgical techniques can be adapted to more complex environments and provide breast cancer patients with the standard of care in surgical treatment and the same opportunities as they have in any other part of the world.

This book covers all aspects of the up-to-date surgical management of breast cancer patients. It goes from comprehensive assessment to planning the surgery through careful decision-making, and coordination between the breast cancer team. The chapters gather all the art and science of oncoplastic surgery, involving surgical skills and offering their knowledge and techniques that can be tailored to the unique setting of LMICs.

I congratulate the Editor Prof. SVS Deo and the authors who have contributed with their expertise to this book. I believe this will make a difference in every breast cancer patient and it will improve breast cancer surgery globally, as one of the main pillars in breast cancer care.

Head, Breast Surgical Oncology ESSO President (European Society of Surgical Oncology), EUSOMA President (European Society of Breast Cancer Specialists) European Cancer Organization Executive Board Member Professor of Surgery University of Navarra Pamplona, Spain	Isabel T. Rubio
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Preface



Breast cancer is emerging as a major public health problem globally, and low- and middle-income countries are likely to contribute to a substantial global breast cancer burden in the near future. During the last few decades, surgical approach to breast cancer has witnessed a paradigm shift from the era of radical mastectomy to the era of breast conservation, oncoplasty, and reconstruction. Quality of life and cosmetic outcomes are now established as important outcome determinants of breast cancer surgery. Globally, oncoplastic breast surgery and breast reconstruction are evidence-based and well-established surgical interventions.

The field of breast surgery is still evolving in low- and middle-income countries due to sociocultural barriers, disease- and resource-related factors, and limited availability of surgical expertise. However, an increasing trend among surgeons in LIMC has been noticed in the recent past to take up breast surgery as a career option. Hence, there is a need to strengthen the breast surgery curriculum and training programs in developing countries. This book was conceived as a practical reference book on the basics of oncoplasty and reconstruction, accessible to all surgeons committed to breast surgery. We sincerely hope that this book will facilitate adaptation of contemporary breast surgical techniques in day-to-day practice and benefit breast cancer patients.

This book covers the basic concepts, operative techniques, and practical tips related to oncoplastic breast surgery and breast reconstruction. Various surgical procedures are described in simple and easily understandable language with step-by-step illustrations. Apart from operative surgical techniques, a number of broader domains related to curriculum and training, perioperative care, counselling, anthropometry, prevention and management

of complications, applied aspects of radiotherapy and systemic therapy, assessment of cosmesis, digital documentation, and breast surgery checklists are included in this book. Experienced authors with diverse backgrounds and in-depth understanding of the domains are involved in curating the content of the book.

We sincerely hope that this book will be relevant and useful to trainees and practicing surgeons from diverse surgical fields including breast surgery, surgical oncology, general surgery, and plastic surgery and help in further strengthening and advancement of breast surgery.

New Delhi, India

S. V. S. Deo

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About the Editor

S. V. S. Deo, MS, FACS, FAIS Completed his post-graduation from All India Institute of Medical Sciences (AIIMS), New Delhi and subsequently pursued a Senior residency in Surgical Oncology at AIIMS and fellowship in surgical oncology in USA. He is currently the Head of the Department of Surgical Oncology, All India Institute of Medical Sciences, New Delhi. His main area of interest is breast cancer. He has more than 200 peer-reviewed national and international publications. He has delivered numerous lectures at various national and international conferences and has been involved in organizing several conferences related to breast cancer and oncoplasty workshops. He is the current president of the Association of Breast Surgeons of India (ABSI) and President of the Indian Association of Surgical Oncology (IASO). He has also served as a council member and treasurer of Breast Surgery International (BSI).