

1. Record Nr.	UNINA9910461794603321
Titolo	Principles and techniques in oncoplastic breast cancer surgery [[electronic resource]] / editor, Mahmoud Bahij El-Tamer
Pubbl/distr/stampa	Hackensack, NJ, : World Scientific, 2012
ISBN	1-283-63592-5 981-4327-77-8
Descrizione fisica	1 online resource (250 p.)
Altri autori (Persone)	El-TamerMahmoud Bahij
Disciplina	616.99 616.994490592
Soggetti	Breast - Cancer - Surgery Mammaplasty Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CONTENTS; List of Contributors; Acknowledgments; Introduction; 1. Surgical Anatomy of the Breast Mahmoud El-Tamer and Sunny Mitchell; 1.1 Topology of the Breast: An Overview; 1.2 Fascia; 1.3 Raising Flaps; 1.4 Ligaments of Cooper and Horizontal Septum; 1.5 Arterial Supply of the Breast; 1.5.1 Lateral Mammary Artery; 1.5.2 Internal Mammary Artery; 1.5.3 Thoracoacromial Artery; 1.5.4 Posterior Intercostal Arteries; 1.6 Venous Drainage of the Breast; 1.7 Lymphatics; 1.8 Nerve Supply; 1.9 Nipple Areola Complex; 1.9.1 Innervation; 1.9.2 Blood Supply; 1.9.3 Areola; References 2. Surgical Landmarks and Measurements Suri Ponamgi and Mahmoud El-Tamer2.1 Breast Measurement; 2.2 Breast Markings; 2.3 Vertical Mastopexy/Reduction Markings; References; 3. Neoadjuvant Therapy Laurie Kirstein, Susan K. Boolbol, and Mahmoud El-Tamer; 3.1 Introduction; 3.2 Background; 3.2.1 Early Trials; 3.2.2 Patient Selection; 3.2.2.1 Exclusionary criteria; 3.2.3 Tumor Size; 3.3 Staging; 3.3.1 Current Staging Guidelines; 3.3.2 The Role of Imaging; 3.3.3 Mammogram; 3.3.4 Ultrasonography; 3.3.5 Magnetic Resonance Imaging (MRI); 3.4 Predictors of Response 3.4.1 Response to NCT Based on Molecular Subtype3.4.1.1 Triple

negative; 3.4.1.2 HER2 positive; 3.5 Gene Profiling; 3.6 Hormone Receptor-Positive Tumors; 3.7 Invasive Lobular Carcinoma; 3.8 Surgery After NCT; 3.8.1 Surgical Decision Making; 3.8.2 Resection Volume and Margins; 3.8.3 Axillary Evaluation; 3.8.4 Sentinel Node Biopsy Prior to NCT; 3.8.5 Sentinel Node Biopsy After NCT; 3.9 Locoregional Failure: Incidence and Predictors; 3.10 Predictors of Relapse; 3.10.1 Tumor and Patient Characteristics; 3.10.2 Residual Disease After NCT; 3.11 Future Directions; 3.11.1 PARP Inhibitors  
3.11.2 Vascular Endothelial Growth Factor (VEGF) Inhibitors  
3.12 Conclusion; 3.12.1 Patient Vignettes; 3.12.1.1 Patient 1; 3.12.1.2 Patient 2; References; 4. Skin Incisions Mahmoud El-Tamer; 4.1 Periareolar Incision; 4.2 Inframammary Incision; 4.3 Skin Closure; References; 5. Margins in Breast Cancer Surgery Adriana D. Corben and Monica Morrow; 5.1 Methods of Margin Evaluation; 5.1.1 Radial Margin Approach; 5.1.2 Shaved Margin Approach; 5.1.3 Cavity Shave Approach; 5.1.4 Other Issues Related to Margin Assessment; 5.2 Margin Width and Local Recurrence: Invasive Cancer  
5.2.1 The Influence of Histology on Margin Width  
5.2.2 Other Factors Influencing Local Control in Invasive Cancer; 5.2.3 Margins After Neoadjuvant Chemotherapy; 5.2.4 Summary and Conclusions: Invasive Cancer; 5.3 Margin Width and Local Recurrence: DCIS; 5.3.1 DCIS: Summary and Conclusions; References; 6. Resection of the Tumor Mahmoud El-Tamer; 6.1 General Principles and Preoperative Planning; 6.2 Resection of the Primary; 6.2.1 General Principles; 6.2.2 Technical Aspects; References; 7. Repair of Breast Defects Mahmoud El-Tamer; 7.1 General Principles; 7.1.1 Transverse Closure  
7.1.2 Radial Closure

---

#### Sommario/riassunto

Oncoplastic breast cancer surgery is one of the fastest-growing domains in breast surgery. This approach is continuing to gain practice acceptance due to increased emphasis on both optimum cosmetic outcome and maintenance of a sound oncologic basis. This book summarizes the basic principles and techniques using evidence-based data. Patient images and comprehensive drawings complete this practical guide for surgeons who treat diseases of the breast.

---