

## **Volume I**

### **Part I Basic Principles**

- 1 Anatomy, Physiology, and Aesthetics
- 2 Breast Aesthetics
- 3 Oncological Aspects of Nipple-Sparing Mastectomy
- 4 Oncological Aspects of Breast Reconstruction
- 5 Gene Mutations and Breast Cancer Risk: Overview and Management
- 6 Multimodality Imaging in the Interdisciplinary Management of Breast Diseases
- 7 Technological Advances in Breast Surgery
  - i. Acellular Dermal Matrices
  - ii. Biological Matrix Applications in Breast Reconstruction
- 8 Fat Grafting in Breast Surgery: The Data
- 9 Fat Grafting to the Breast: Aesthetic and Reconstructive Applications
- 10 Fat Grafting to the Breast in Prepectoral Breast Reconstruction—A Current Overview

### **Part II Augmentation Mammoplasty**

- 11 Preoperative Evaluation of the Breast Augmentation Patient
- 12 Implant Technology
- 13 Breast Implant-Associated Anaplastic Large Cell Lymphoma
- 14 Augmentation Mammoplasty with Cohesive Gel Implants
- 15 Subpectoral Breast Augmentation (Inframammary Approach)
- 16 Subfascial Inframammary Breast Augmentation
- 17 Transaxillary Approach to Endoscopic Breast Augmentation
- 18 Periareolar Breast Augmentation
- 19 Managing Asymmetry and Congenital Anomalies
- 20 Managing Complications in Breast Augmentation

### **Part III Mastopexy**

- 21 Decision Making in Mastopexy
- 22 Periareolar Mastopexy
- 23 Vertical Mastopexy
- 24 The Wise Pattern Mastopexy

### **Part IV Mastopexy Augmentation**

- 25 Decision Making in Mastopexy Augmentation
- 26 Periareolar Mastopexy Augmentation
- 27 Vertical Mastopexy Augmentation
- 28 The Wise Pattern Mastopexy Augmentation
- 29 Prevention and Management of Complications in Mastopexy Augmentation

### **Part V Massive Weight Loss**

- 30 Breast Surgery after Massive Weight Loss

## **Volume II**

### **Part VI Reduction Mammoplasty**

- 31 Vertical Superior Pedicle Breast Reduction (Modified Lassus Technique)
- 32 Superomedial Vertical Breast Reduction
- 33 Superomedial Pedicle Technique with Inverted-T Closure (Wise Pattern)
- 34 Central Mound Inferior Pedicle Technique
- 35 Free Nipple Graft Technique
- 36 Outcomes and Reducing Complications in Breast Reduction
- 37 Gynecomastia: Evaluation and Treatment

### **Part VII Non-Microsurgical Breast Reconstruction**

- 38 Decision Making in Breast Reconstruction

#### ***Subpart A: Implant-Based Reconstruction***

- 39 Prepectoral Breast Reconstruction: Direct-to-Implant versus Two-stage
- 40 Two-Stage Subpectoral Tissue Expander–Implant Reconstruction
- 41 Subpectoral Direct-to-Implant Single-Stage Reconstruction
- 42 Prepectoral Direct-to-Implant Breast Reconstruction
- 43 Prepectoral Site Conversion for Animation Deformity
- 44 Two-Stage Prepectoral Prosthetic Breast Reconstruction
- 45 Preventing and Managing Complications of Expander–Implant Reconstruction
- 46 Implant-Based Reconstruction and Radiation

#### ***Subpart B: Latissimus Dorsi Flap Reconstruction***

- 47 Latissimus Dorsi Flap Anatomy
- 48 Latissimus Dorsi Flap Reconstruction
- 49 Preventing and Managing Complications in Latissimus Dorsi Flap Reconstruction

#### ***Subpart C: Pedicled TRAM Flap Reconstruction***

- 50 Anatomy of the TRAM Flap and Abdominal Donor Site
- 51 Transverse Rectus Abdominis Musculocutaneous Flaps

### **Part VIII Microsurgical Breast Reconstruction**

#### ***Subpart A: DIEP Flap***

- 52 Preoperative Planning and Imaging of the DIEP Flap
- 53 DIEP Flap Reconstruction and Technique
- 54 Prevention and Management of Complications in DIEP Flap Reconstruction

***Subpart B: Muscle-Sparing Free TRAM Flap***

55 Muscle-Sparing Free TRAM Flap Reconstruction

***Subpart C: Superficial Inferior Epigastric Flap***

56 Superficial Inferior Epigastric Artery Perforator Flap

***Subpart D: Thigh-based Free Flaps***

57 Transverse Upper Gracilis Flap

58 Profunda Artery Perforator Flap

***Subpart E: Alternate Perforator Flap Donor Sites***

59 Superior Gluteal Artery Perforator Free Flap

60 Lumbar Artery Perforator Flap

**Part IX Miscellaneous**

***Subpart A: Oncoplastic Breast Conservation Surgery***

61 Principles of Oncoplastic Breast Surgery and Patient Selection

62 Oncoplastic Reconstruction by Tumor Location and Outcomes

63 Managing Complications after Breast Radiation Therapy

***Subpart B: Nipple-Areolar Reconstruction***

64 Nipple-Areolar Reconstruction

***Subpart C: Lymphedema***

65 Surgical Treatment of Lymphedema

***Subpart D: Complex Case Salvage***

66 Salvage of Complex Problems