

1. Record Nr.	UNINA9910383825803321
Titolo	Breast Reconstruction : Modern and Promising Surgical Techniques // edited by Horacio F. Mayer
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer , 2020
ISBN	3-030-34603-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVI, 296 p. 262 illus., 255 illus. in color.)
Disciplina	617.952
Soggetti	Plastic surgery Plastic Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. History of Breast Reconstruction -- 2. Partial breast reconstruction -- 3. Breast reconstruction with the permanent tissue expander -- 4. Synthetic meshes in breast reconstruction -- 5. Biologic meshes in breast reconstruction -- 6. Prepectoral breast reconstruction -- 7. Breast reconstruction with fat grafting alone -- 8. Hybrid Breast Reconstruction -- 9. Breast Reconstruction with intratissular expansion and fat grafting -- 10. Breast Reconstruction with external expansion and fat grafting -- 11. Breast Reconstruction with the latissimus dorsi flap and fat grafting -- 12. Breast Reconstruction with the endoscopically harvested latissimus dorsi flap -- 13. Breast Reconstruction with the robotic-assisted latissimus dorsi harvest -- 14. Total breast reconstruction using the thoracodorsal artery perforator flap TDAP -- 15. Breast reconstruction using the muscle sparing lattisimus dorsi flap with alloplastic devices -- 16. Free and Muscle Sparing TRAM flap in breast reconstruction -- 17. DIEP flap in breast reconstruction -- 18. Breast Reconstruction with the neurotized Deep Inferior Epigastric Perforator Flap -- 19. Breast Reconstruction with Simultaneous Lymphatic Transfers -- 20. SIEA flap in breast reconstruction -- 21. Breast Reconstruction with the laparoscopically harvested Omental Free Flap -- 22. Lumbar artery perforator flap for breast reconstruction -- 23. Superior Gluteal Artery Perforator flap in breast reconstruction -- 24. Inferior Gluteal Artery Perforator flap in

breast reconstruction -- 25. Lateral thigh flap in breast reconstruction -- 26. Transverse upper gracilis flap in breast reconstruction -- 27. Profunda artery perforator flaps for breast reconstruction -- 28. Breast reconstruction with perforator flap transplants from identical twins -- 29. Breast reconstruction using scaffold-based tissue engineering.

Sommario/riassunto

This book examines distinct innovative and modern techniques for breast reconstruction after a mastectomy necessitated by breast cancer. It serves as not only an entry point in learning about the most modern and promising surgical techniques available, but as a pragmatic guide as well. Beginning with an introduction to the history of the subject, the opening chapter offers a lesson in the evolution of the development and improvement of breast reconstruction techniques. Following this, chapters examine anatomic landmarks, including vascular anatomy, design and markings and best indications depending on the type of breast to be reconstructed. Subsequent chapters then present a multitude of surgery methods, including the progression from large open surgical procedures, to endoscopic approaches, and robotic assisted minimally invasive surgery. Finally, scaffold-based tissue engineering that offers a promising future for breast reconstruction surgeries without donor site morbidity is also reviewed. Additionally, the book's expertly written text is supplemented by high-quality illustrations and videos that provide vital surgical guidance for improved surgical outcomes. Comprised of contributions from world-renowned plastic surgeons, *Breast Reconstruction: Modern and Promising Surgical Techniques* is an invaluable reference for residents, fellows, practicing and highly experienced plastic surgeons, breast surgeons, and those in surgical sub-specialties.
