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Nota di contenuto	1. Intraoperative Decision-Making Process: The Art and the Science -- 2. History of Abdominal Wall Repair: In Search of New Techniques and Materials -- 3. Anatomy and Physiology of the Abdominal Wall: The Surgical Implications -- 4. The Biology of Complex Abdominal Wall Defects: Definitions and Causes -- 5. Preoperative Patient Optimization -- 6. Perioperative Radiologic Evaluation of Patients with Difficult Abdominal Wall Defects -- 7. A Difficult Abdomen: Clinical Course-Based Management -- 8. Surgical Strategies in the Management of Open Abdomen -- 9. Practical Approach to Patient with a Hostile Abdomen -- 10. Complex Abdominal Wall Reconstruction: The Plastic Surgeon's Perspective -- 11. Staged Reconstructions of Abdominal Wall Defects -- 12. Selection of Prosthetic Materials in the Repair of Complex Abdominal Wall Defects -- 13. Reconstruction of Abdominal Wall in Trauma Patients Post Damage Control -- 14. Complex Tissue Transfer in the Management of Abdominal Wall Defects -- 15. Abdominoplasty and Panniculectomy in the Presence of Abdominal Wall Hernias -- 16. Abdominal Wall Reconstruction in Patients with an Open Abdomen and Enterocutaneous Fistulas: A 9 Step Treatment Strategy -- 17. Abdominal Wall Closure in Recipients of Intestinal and Multivisceral Transplants -- 18. Minimally Invasive Component Separation in the Repair of Large Abdominal Wall Defects -- 19. Laparoscopic

Techniques in the Repair of Large Defects -- 20. Perioperative Surgical Consideration of Patient Undergoing Abdominal Wall Reconstruction -- 21. Abdominal Compartment Syndrome and Hypertension in Patients Undergoing Abdominal Wall Reconstruction -- 22. Short Bowel Syndrome: A Clinical Update -- 23. Nutritional Management of Gastro-Enterocutaneous Fistulae.

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Sommario/riassunto

Complex abdominal wall hernias and complex abdominal wall defects, including stomas or the complications associated with any of the above, are common and challenging for surgeons. The lack of high quality evidence leaves surgeons without clear guidance regarding the selection of technique or material to be used when treating these serious problem. Surgery of Complex Abdominal Wall Defects has been written to provide this guidance. It covers the surgical anatomy of the abdominal wall, pathology of abdominal wall defects, such as hernias, enterocutaneous or entero-atmospheric fistulae, indications for, and surgical techniques used to, reconstruct the abdominal wall. In addition, through a number of illustrations, the placement of mesh in the abdominal wall reconstruction, as well as manipulations of patient's tissue including lateral compartment release techniques and other tissue transfer techniques are described in detail. The text also covers reconstruction of complex contaminated abdominal wall defects in patients with complex enteric fistulae; ostomies, defects created after the excision of previously placed infected prosthetic mesh, and defects associated with acute tissue loss after severe trauma or necrosis of abdominal wall such as necrotizing soft tissue infections. Complex abdominal wall defects in pediatric population and long-term outcomes and durability of these repairs are also addressed. Surgery of Complex Abdominal Wall Defects is written by experts in their respective areas from around the world. It will serve as a guide for current practice for surgeons, including general, trauma, acute care, plastic and reconstructive surgeons.

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