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Nota di contenuto	<p>4.7. Tissue expansion in abdominal wall reconstruction4.7.1. Free flaps; 4.7.2. Combined free flap; 4.8. Abdominal wall transplant; References; Section 2: Cancer; 3 Skin Cancer for the Plastic Surgeon; 1. Introduction; 2. Basal cell carcinoma; 2.1. Diagnosis; 2.2. Histology; 2.3. Management; 2.3.1. Non-surgical management; 2.3.2. Surgical management; 2.4. Mohs micrographic surgery; 2.5. Follow-up; 3. Squamous cell carcinoma; 3.1. Clinical presentation and diagnosis; 3.2. Management; 3.2.1. Surgical management; 3.2.2. Non-surgical management; 3.3. Follow-up; 4. Malignant melanoma.</p> <p>4.1. Ventral abdominal wall hernia4.2. Component separation; 4.2.1. Patient selection and evaluation; 4.3. Mesh repair; 4.4. Endoscopically assisted component separation technique: minimally accessed surgery; 4.5. Staged abdominal reconstruction and planned hernia repair/temporary abdominal closure; 4.5.1. Enteric fistula; 4.6. Autologous flap for the abdominal wall: pedicled flaps; 4.6.1. Tensor fascia lata; 4.6.2. Rectus femoris; 4.6.3. Anterolateral thigh flap; 4.6.4. Omental flap; 4.6.5. Rectus abdominis muscle flaps; 4.6.6. Vastus lateralis; 4.6.7. Gracilis flap.</p> <p>8.1.2. Inosculation and capillary ingrowth8.2. Graft healing; 8.3. Graft contraction; 8.4. Graft reinnervation; 8.5. Overgrafting; 8.6. Graft failure; 9. Flaps; 9.1. Local flaps; 9.2. Flaps rotating about a pivot point;</p>

9.3. Distant flaps; 9.3.1. Cutaneous flaps; 9.3.2. Perforator flaps; 9.3.3. Fasciocutaneous flaps; 9.3.4. Musculocutaneous flaps; 10. Conclusion; References; 2 Abdominal Wall Reconstruction; 1. Introduction; 2. Anatomy and zones; 2.1. Classification and aetiology; 2.2. Reconstructive options; 3. Defect approach and evaluation; 4. Surgical procedures. 4.6.2. Negative-pressure wound therapy 4.6.3. Growth factors; 4.6.4. Hyperbaric oxygen; 5. How to obtain a fine-line scar; 6. Reconstructive ladder; 7. Wound closure; 7.1. Suturing techniques; 7.1.1. Simple interrupted sutures; 7.1.2. Simple continuous suture (over-and-over); 7.1.3. Mattress sutures; 7.1.4. Subcuticular (intradermal) sutures; 7.1.5. Half-buried horizontal mattress sutures (corner stitch); 7.2. Other closure techniques; 7.2.1. Skin staples; 7.2.2. Skin tapes; 7.2.3. Skin adhesives; 8. Skin grafting; 8.1. Graft take; 8.1.1. Plasmatic imbibition. Half Title; Title Page; Copyright Page; Table of Contents; List of Figures; List of Tables; List of Abbreviations; List of Contributors; Section 1: General; 1 Principles of Plastic Surgery, Wound Healing, Skin Grafts and Flaps; 1. Introduction; 2. The skin; 2.1. Structure and function of the skin; 2.1.1. Epidermis; 2.1.2. Dermis; 2.1.3. Hypodermis; 2.1.4. Skin appendages; 3. Wound healing; 4. Wound management; 4.1. Debridement; 4.2. Infection and inflammation; 4.3. Moisture balance; 4.4. Edge of wound; 4.5. Complex wounds; 4.6. Adjuncts to wound healing; 4.6.1. Dressings.

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## Sommario/riassunto

This comprehensive textbook serves as an authoritative resource on the principles and practices of plastic surgery. Edited by experts Deepak M. Kalaskar, Peter E. Butler, and Shadi Ghali, it provides in-depth coverage of key topics including wound healing, skin grafts, cancer reconstruction, burns, trauma, pediatric plastic surgery, and aesthetic procedures. Divided into multiple sections, it addresses both fundamental techniques and advanced practices, such as craniofacial surgery, vascular anomalies, and body contouring. The book is designed for medical professionals, including surgeons and trainees, offering evidence-based information, diagrams, and clinical insights. It emphasizes safety, procedural accuracy, and the latest advancements in the field. Intended to support both learning and practice, this textbook is a vital reference for anyone engaged in or studying plastic and reconstructive surgery.

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