

### *Key Features:*

- Describes which flap or graft to choose in specific clinical situations, how to execute each repair (with a multitude of images and diagrams) and how to minimize the risks as well as manage potential complications.
  - Provides algorithms to assist with flap and graft choices, as well as hundreds of superb full-color illustrations throughout.
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### *New to this Edition:*

- Includes an all-new chapter on Surgical Complications and Scar Revisions.
  - Includes access to high-quality videos showing exactly how the flap/graft is incised, moved and sutured. New videos include the Rhomboid Transposition Flap for Defect on the Lower Lid, the Island Pedicle Flap with Canthal Suspension and the Primary Lid Repair with Diagonal Tarsal Suture Sine Marginal Sutures.
  - Expert Consult™ eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures and references from the book on a variety of devices.
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### *Περιεχόμενα:*

#### **Chapter 1: Anatomy**

Introduction • Surface Landmarks and Surface Anatomy • The Aging Face • The Musculoaponeurotic System • Motor Nerves • Sensory Nerves of the Head and Neck • Vascular System • Special Structures: Lip, Eyelids, Nose, Ear

#### **Chapter 2: Basic Principles in Flap Reconstruction**

Basic Terminology • Flaps Defined by Blood Supply • Flap Physiology • Flap Biomechanics • Flaps Defined by Movement • Practical Points • Final Thoughts

#### **Chapter 3: Primary Closure**

Primary Closure Design and Considerations • Modifications or Variations • Applications and Disadvantages

#### **Chapter 4: Advancement Flaps**

Flap Design and Considerations • Flap Mobilization and Key Sutures • Flap Modifications and Applications • Disadvantages

## **Chapter 5: Rotation flaps**

Rotation Flap Design: Basic Principles • Bilateral Rotation Flaps • Special Rotation Flaps • Plane of Flap Elevation and Surgical Undermining • Conclusion

## **Chapter 6: Island Pedicle Flaps**

Closure • Complications

## **Chapter 7: Transposition Flaps**

Flap Design and Considerations • Rhombic Flaps • Other Transposition Flaps • Complications • Conclusion

## **Chapter 8: Staged Interpolation Flaps**

Paramedian Forehead Flap (PFF), Stage I • Paramedian Forehead Flap, Stage II • Cheek-to-Nose Interpolation Flap (CNIF) • Cheek-to-Nose Interpolation Flap, Stage II • Abbé (Lip-Switch) Flap • Abbé Flap, Stage II • Conclusion

## **Chapter 9: Skin Grafts**

Full-Thickness Skin Grafts • Split-Thickness Skin Grafts • Conclusion • Graft Complication

## **Chapter 10: Scalp Reconstruction**

Scalp Surgical Anatomy • Evaluation of the Scalp Defect • Basic Reconstruction Concepts • Second Intention Healing • Primary Closure • Split-Thickness Skin Grafts • Full-Thickness Skin Grafts • Random Pattern Cutaneous Flaps • Conclusion

## **Chapter 11: Forehead and Temple**

Reconstructive Principles • Complications • Conclusions

## **Chapter 12: Periocular Reconstruction**

Introduction • Periocular Anatomy • Preparation • Complications • General Principles of Periocular Reconstruction • Methods of Closure • Algorithmic Approach to Reconstruction by Periocular Subunits

## **Chapter 13: Cheek Reconstruction**

Maximum Skin Tension Lines • Surface Anatomy • Skin Texture • Subcutaneous Anatomy • Which Reconstructive Procedure • Flaps by Cheek Region • Complications • Conclusion

## **Chapter 14: Ear Reconstruction**

Introduction • Ear Aesthetics • Embryology • Topography • General Principles • Skin Grafts • Adjacent Tissue Transfer • Cartilage • Regional Reconstruction • Prosthetics and When to Refer

## **Chapter 15: Reconstruction of the Nose**

Introduction • Reconstructive Options • Complications • Conclusion

## **Chapter 16: Perioral Reconstruction**

Introduction • General Principles of Lip Reconstruction • Reconstruction

## **Chapter 17: The Neck**

Preoperative Considerations • Relevant Anatomy • Reconstructive Options • Regional Pearls • Summary