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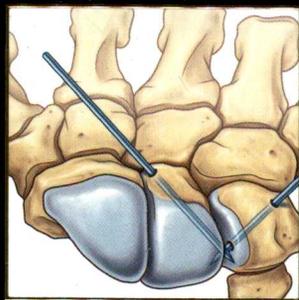


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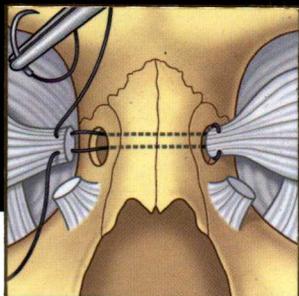
PLASTIC SURGERY

INDICATIONS AND PRACTICE



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PLASTIC SURGERY

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PREFACE

The plastic surgery text is based on the Association of Academic Chairmen in Plastic Surgery curriculum, for the support of residents and new and experienced surgeons seeking a comprehensive, yet quickly accessed information base for their clinical practice.

Physicians of other specialties, medical students and other health care professionals will find the text very informative and easily accessible. The layout and form of the text is designed to provide the reader with the most recent and comprehensive information, in a time efficient, clinically-relevant manner. A major effort has been made to illustrate all parts of the text, particularly the various operations, many of which have additional DVD clips provided. Our hope is that when published, this will be considered the best textbook in plastic surgery by those who possess discriminating taste for textbooks.

This is a modern text where the opportunities of electronic publishing have been used extensively. The clinical chapters have an abundance of outstanding videos and downloadable illustrations, and the text is published with a continuously updated website. Every author and editor has worked very hard in order to create the most comprehensive state-of-the art textbook in plastic surgery today. This effort has been supported and fortified through enormous cooperation of an extraordinary group of professionals assigned to this project by the publisher.

It has truly been a pleasure to be part of the creation of *Plastic Surgery* and it is our sincere hope that we have fulfilled your expectation as the reader.

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 Clip 36.1 *Frontal and Supraorbital Osteotomy with Orbital Reconstruction*

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Chapter 110 *Periorbital Rejuvenation*

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Chapter 70 *Prosthetic Reconstruction*

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Chapter 46 *Treatment of Disorders of the
Temporomandibular Joint*

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Chapter 34 *Craniofacial Dysostosis
Syndromes*

 Clip 34.1 *Facial Bipartition
Monobloc Distraction*

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Chapter 49 *Pediatric Facial Trauma*

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Chapter 106 *Botulinum Toxin*

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Chapter 80 *Wrist Fractures*

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Chapter 41 *Alveolar Cleft Management*

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Chapter 66 *Nasal Reconstruction*

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Chapter 95 *Free Tissue Transfer*

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Chapter 105 *Non-surgical Facial
Rejuvenation with Fillers*

 Clip 105.1 *Non-surgical Facial
Rejuvenation with Fillers*

Clip 111.1 *High SMAS Face and Midface Lift*

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Chapter 28 *Craniofacial Growth: Genetic
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Craniosynostosis*

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Chapter 33 *Non-syndromic Craniosynostosis*

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Chapter 14 *Burns*

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Chapter 59 *Nonepidermoid Cancers of the
Head and Neck*

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Chapter 9 *Microsurgery and Free Flaps*

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Chapter 61 *Reconstructive Lip Surgery*

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Chapter 55 *Oncologic and Reconstructive Principles – Including the Pharynx*

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Chapter 55 *Oncologic and Reconstructive Principles – Including the Pharynx*

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Chapter 75 *Congenital Anomalies of the Hand*

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Chapter 74 *Mutilating Hand Trauma and Compartment Syndromes*

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Chapter 44 *Cleft-orthognathic Surgery*

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Chapter 96 *Thumb Reconstruction*

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Chapter 81 *Dislocations and Perilunate Injuries of the Carpus*

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Chapter 3 *Wound Healing, Including Fetal Skin Regeneration*

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Chapter 49 *Pediatric Facial Trauma*

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Chapter 58 *Salivary Gland Disorders*

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Chapter 21 *Chest and Abdominal Wall Reconstruction*

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Chapter 10 *Grafts*

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Chapter 38 *Unilateral Cleft Lip Repair and Nose Repair*

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Chapter 35 *Orbital Hypertelorism*

 Clip 35.1 *Surgical Treatment of Facial Cleft (Bi Partition)*

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Chapter 111 *Facelift with SMAS Flaps*

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Chapter 99 *Benign and Malignant Soft Tissue and Bone Tumors in the Upper Extremity*

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Chapter 120 *Mastopexy*

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Chapter 93 *Nerve Compression Disorders of the Upper Extremity*

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Chapter 24 *Tissue Expander /Implant Reconstruction*

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Chapter 90 *Dupuytren's Disease*

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Chapter 84 *Distal Radio-ulnar Joint*

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Chapter 60 *Management of Cutaneous
Facial Defects*

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Chapter 38 *Unilateral Cleft Lip Repair and
Nose Repair*

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Chapter 7 *Biomaterials*

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Chapter 14 *Burns*

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Chapter 32 *Distraction Osteogenesis:
Remodeling the Hypoplastic Mandible*



Clip 32.1 *Mandibular Distraction in
Hemifacial Microsomia*

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Chapter 81 *Dislocations and Perilunate
Injuries of the Carpus*

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Chapter 36 *Craniofacial tumors (Fibrous
Dysplasia)*



Clip 36.1 *Frontal and Supraorbital
Osteotomy with Orbital
Reconstruction*

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Chapter 11 *Structure and Function of the
Skin*

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Chapter 17 *Pressure Sores*

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Chapter 51 *Auricular Reconstruction:
Congenital Auricular Defects – Microtia*

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Chapter 28 *Craniofacial Growth: Genetic
and Morphological Processes in
Craniosynostosis*

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Chapter 121 *Liposculpture*



Clip 121.1 *Liposculpture*

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Chapter 13 *Benign and Malignant Tumors
of the Skin*

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Chapter 63 *Mandible Reconstruction*



Clip 63.1 *Mandible Reconstruction*

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Chapter 97 *Degenerative Arthritis of Hand
and Wrist*

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Chapter 100 *Vascular Injuries and Disorders
of the Upper Extremity*

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Chapter 77 *Intrinsic Flaps of the Hand*

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Chapter 43 *Secondary Cleft Lip and Nasal
Deformity*

 Clip 43.1 *Secondary Cleft Lip and
Cleft Nasal Deformities Part 1*
Clip 43.2 *Alveolar Bone Graft and
Secondary Cleft Surgery**

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Chapter 63 *Mandible Reconstruction*

 Clip 63.1 *Mandible Reconstruction*

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Chapter 16 *Surgical Management of Soft
Tissue Infections*

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Chapter 83 *Arthroscopy*

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Chapter 16 *Surgical Management of Soft
Tissue Infections*

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Chapter 1 *A History of Plastic Surgery*

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Chapter 33 *Non-syndromic Craniosynostosis*

 Clip 33.1 *Non-syndromic
Craniosynostosis*

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Chapter 17 *Pressure Sores*

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 Clip 44.1 *Le Fort I Operation for
Distraction Osteogenesis*

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Chapter 4 *Wound Management*

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Chapter 9 *Microsurgery and Free Flaps*

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Chapter 14 *Burns*

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Chapter 24 *Tissue Expander/Implant
Reconstruction*

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Chapter 18 *Lymphedema*

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Chapter 35 *Orbital Hypertelorism*



Clip 35.1 *Surgical Treatment of Facial Cleft (Bi Partition)*

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Chapter 83 *Arthroscopy*

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Chapter 27 *Craniofacial Genetics and Dysmorphology*

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Chapter 31 *Soluble Molecular Signals and the Induction of Bone Formation*

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Chapter 87 *Tendon Transfers*

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Chapter 100 *Vascular Injuries and Disorders of the Upper Extremity*

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Clip 107.1 *Laser Resurfacing and Dermabrasion*

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Chapter 113 *Rhinoplasty*



Clip 113.1 *Primary Rhinoplasty*

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Chapter 6 *Anesthesia*

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Chapter 122 *Abdominoplasty*

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Chapter 105 *Non-surgical Facial Rejuvenation with Fillers*

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Chapter 1 *A History of Plastic Surgery*

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Chapter 123 *Bodylifts and Post-Massive Weight Loss Body Contouring*



Clip 123.1 *Post Bariatric Skin Tightening*

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Chapter 94 *Amputations and Replantations*

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Chapter 117 *Augmentation of Facial Structures with Autologous Fat*

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Chapter 58 *Salivary Gland Disorders*

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Chapter 38 *Unilateral Cleft Lip Repair and
 Nose Repair*

 **Clip 38.1 Unilateral Cleft Lip
 Repair**

Clip 45.1 *Sagittal Splitting of the Mandibular*

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Chapter 84 *Distal Radio-ulnar Joint*

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Chapter 45 *Orthognathic Surgery*
 Chapter 47 *Hemifacial Microsomia*

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Chapter 30 *Dental and Maxillofacial
 Considerations Including Fixation Principles*

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Chapter 96 *Thumb Reconstruction*

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Chapter 10 *Grafts*

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Chapter 23 *Pedicle TRAM, Free TRAM and
 Perforator Flaps*

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Chapter 26 *Treatment of Breast Asymmetry
 in Breast Cancer Patients*

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Chapter 21 *Chest and Abdominal Wall
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Chapter 59 *Nonepidermoid Cancers of the
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Chapter 18 *Lymphedema*

Chapter 25 *Latissimus Dorsi Myocutaneous
 Flap*

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Chapter 88 *Hand Infection*

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Chapter 40 *Cleft Palate*

 **Clip 40.1 Repair of Cleft Palate**

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Chapter 65 *Eyelid Surgery*

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Chapter 90 *Dupuytren's Disease*

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Chapter 105 *Non-surgical Facial Rejuvenation with Fillers*
Chapter 114 *Secondary Rhinoplasty*

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Chapter 87 *Tendon Transfers*

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Chapter 120 *Mastopexy*

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Chapter 112 *Neck Rejuvenation*

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Chapter 85 *Flexor Tendons*

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Chapter 46 *Treatment of Disorders of the Temporomandibular Joint*

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Chapter 69 *Facial Reanimation*

 Clip 69.1 *Cross Facial Nerve Grafting*

Clip 69.2 *The 'Babysitter' Procedure*

Clip 69.3 *Free Gracilis Muscle Transfer to the Face*

Clip 69.4 *Pectoralis Minor Muscle Transfer to the Face*

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Chapter 90 *Dupuytren's Disease*

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Chapter 53 *Reconstruction of Acquired Ear Defects*

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Chapter 69 *Facial Reanimation*

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 Clip 108.1 *Hair Transplantation*

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 Clip 108.1 *Hair Transplantation*

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Chapter 10 *Grafts*

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Chapter 15 *Burn Reconstruction*

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Chapter 120 *Mastopexy*

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Chapter 115 *Genioplasty*