



Contents

<i>Preface to the Fifth Edition</i>	xxvii
<i>List of Editors</i>	xxviii
<i>List of Contributors</i>	xxix
<i>Acknowledgments</i>	l
<i>Dedication</i>	li

Volume One: Principles

edited by Geoffrey C. Gurtner and Andrea L. Pusic

1 Plastic surgery and innovation in medicine	1
<i>Peter C. Neligan</i>	
2 History of reconstructive and aesthetic surgery	9
<i>Riccardo F. Mazzola and Isabella C. Mazzola</i>	
3 Applying psychology to routine plastic surgery practice	24
<i>Nichola Rumsey and Alex Clarke</i>	
4 The role of ethics in plastic surgery and medico-legal issues in plastic surgery	32
<i>Michele A. Manahan and B. Aviva Preminger</i>	
5 Business principles for plastic surgeons	37
<i>C. Scott Hultman</i>	
6 Value-based healthcare	60
<i>Justin M. Broyles, Clifford C. Sheckter, and Anaeze C. Offodile 2nd</i>	
7 Digital photography in plastic surgery	66
<i>Daniel Z. Liu</i>	
8 Pre- and intra-operative imaging for plastic surgery	83
<i>Arash Momeni and Lawrence Cai</i>	
9 Patient safety in plastic surgery	94
<i>Jessica Erdmann-Sager and Christopher J. Pannucci</i>	
10 Anesthesia and pain management in plastic surgery	101
<i>Paul N. Afrooz and Franklyn P. Cladis</i>	
11 Evidence-based medicine and health services research in plastic surgery	115
<i>Sophocles H. Voineskos, Lucas Gallo, Andrea L. Pusic, and Achilleas Thoma</i>	
12 Patient-reported outcomes in plastic surgery	135
<i>Sophocles H. Voineskos, Danny Young-Afat, Madelijn Gregorowitsch, Jonas A. Nelson, Anne F. Klassen, and Andrea L. Pusic</i>	
13 Health services research in plastic surgery	146
<i>Jacqueline N. Byrd and Kevin C. Chung</i>	
14 Principles of cancer management	153
<i>Stav Brown and Babak J. Mehrara</i>	
15 Wound healing	163
<i>Kristo Nuutila, David E. Varon, and Indranil Sinha</i>	
16 Scar prevention, treatment, and revision	186
<i>Michelle F. Griffin, Evan Fahy, Michael S. Hu, Elizabeth R. Zielins, Michael T. Longaker, and H. Peter Lorenz</i>	

17 Skin grafting	206
<i>Shawn Loder, Benjamin Levi, and Audra Clark</i>	
18 Tissue engineering	220
<i>Ramin Shayan and Karl-Anton Harms</i>	
19 Repair, grafting, and engineering of cartilage	235
<i>Wei Liu, Guangdong Zhou, and Yilin Cao</i>	
20 Repair and grafting of bone	265
<i>Iris A. Seitz, Chad M. Teven, Bryce Hendren-Santiago, and Russell R. Reid</i>	
21 Repair and grafting of peripheral nerve	295
<i>Hollie A. Power, Kirsty Usher Boyd, Stahs Pripotnev, and Susan E. Mackinnon</i>	
22 Repair and grafting fat and adipose tissue	309
<i>J. Peter Rubin</i>	
23 Vascular territories	321
<i>Steven F. Morris and G. Ian Taylor</i>	
24 Flap physiology, classification, and applications	346
<i>Joon Pio Hong and Peter C. Neligan</i>	
25 Principles and techniques of microvascular surgery	414
<i>Fu-Chan Wei, Sherilyn Keng Lin Tay, and Nidal F. Al Deek</i>	
26 Tissue expansion and implants	442
<i>Britta A. Kuehlmann, Eva Brix, and Lukas M. Prantl</i>	
27 Principles of radiation therapy	452
<i>Stephanie K. Schaub, Joseph Tsai, and Gabrielle M. Kane</i>	
28 Lymphedema: pathophysiology and basic science	472
<i>Stav Brown, Michelle Coriddi, and Babak J. Mehrara</i>	
29 Benign and malignant nonmelanocytic tumors of the skin and soft tissue	490
<i>Rei Ohtsuka</i>	
30 Melanoma	521
<i>Sydney Chung and Alexander H.R. Valey</i>	
31 Implants and biomaterials	544
<i>Dharshan Sivaraj, Dominic Henn, Timothy W. King, and Kellen Chen</i>	
32 Transplantation in plastic surgery	555
<i>Yannick F. Diehm, Valentin Haug, Martin Kauke-Navarro, and Bohdan Pomahac</i>	
33 Technology innovation in plastic surgery: a practical guide for the surgeon innovator	568
<i>David Perrault, Leila Jazayeri, and Geoffrey C. Gurtner</i>	
34 Robotics in plastic surgery	582
<i>Karim A. Sarhane and Jesse C. Selber</i>	
35 Digital technology in plastic surgery	594
<i>Lynn Jeffers, Hatem Abou-Sayed, and Haley M. Jeffers</i>	
36 Aesthetic improvement through noninvasive technologies	613
<i>Stelios C. Wilson and Charles H. Thorne</i>	
37 Education and teaching in plastic surgery	619
<i>Lydia Helliwell and Johanna N. Riesel</i>	

38	Global plastic surgery	625	9.5	Facelift: Platysma-SMAS plication	203
	<i>Johanna N. Riesel, Peter Nthumba, George Ho, and Amanda Gosman</i>			<i>Miles G. Berry, James D. Frame III, and Dai M. Davies</i>	
39	Gender-affirming surgery	634	9.6	Facelift: Lateral SMASectomy facelift	212
	<i>Shane D. Morrison, William M. Kuzon Jr., and Jens U. Berli</i>			<i>Daniel C. Baker and Steven M. Levine</i>	
<i>Index</i>		<i>652</i>	9.7	Facelift: The extended SMAS technique in facial rejuvenation	219
				<i>James M. Stuzin</i>	
Volume Two: Aesthetic					
<i>edited by J. Peter Rubin and Alan Matarasso</i>					
1	Managing the aesthetic surgery patient	1	9.8	High SMAS facelift: combined single flap lifting of the jawline, cheek, and midface	236
	<i>Michelle B. Locke and Foad Nahai</i>			<i>Timothy Marten and Dino Elyassnia</i>	
2	Principles of practice management and social media for cosmetic surgery	13	9.9	The lift-and-fill facelift	282
	<i>Ashley N. Amalfi, Josef G. Hadeed, and Smita R. Ramanadham</i>			<i>Stav Brown, Justin L. Bellamy, and Rod J. Rohrich</i>	
Section I: Aesthetic Anesthesia Techniques					
3	Essential elements of patient safety in aesthetic plastic surgery	18	9.10	Neck rejuvenation	301
	<i>Jeremy T. Joseph, Gabriele C. Miotto, Felmont F. Eaves III, and Galen Perdikiis</i>			<i>James E. Zins and Jacob Grow</i>	
4	Pain management in plastic surgery	25	9.11	Male facelift	319
	<i>Anna R. Schoenbrunner and Jeffrey E. Janis</i>			<i>Timothy Marten and Dino Elyassnia</i>	
5	Anatomic blocks of the face and neck	33	9.12	Secondary facelift irregularities and the secondary facelift	345
	<i>Stelios C. Wilson and Barry Zide</i>			<i>Timothy Marten and Dino Elyassnia</i>	
6	Local anesthesia	42	9.13	Perioral rejuvenation, including chin and genioplasty	390
	<i>Malcolm D. Paul</i>			<i>Ali Totonchi and Bahman Guyuron</i>	
Section II: Aesthetic Surgery of the Face					
7	Non-surgical skin care and rejuvenation	47	9.14	Facial feminization	404
	<i>Zoe Diana Draelos</i>			<i>Patrick R. Keller, Matthew Louis, and Devin Coon</i>	
8.1	Editors' perspective: injectables and non-surgical resurfacing techniques	53	10	Editors' perspective: brow and eye	424
	<i>J. Peter Rubin</i>			<i>Alan Matarasso</i>	
8.2	Injectables and resurfacing techniques: Soft-tissue fillers	54	11	Forehead rejuvenation	425
	<i>Kavita Mariwalla</i>			<i>Richard Warren</i>	
8.3	Injectables and resurfacing techniques: Botulinum toxin/neurotoxins	73	12	Endoscopic brow lift	441
	<i>Rawaa Almukhtar and Sabrina G. Fabi</i>			<i>Renato Saltz and Eric W. Anderson</i>	
8.4	Injectables and resurfacing techniques: Lasers in aesthetic surgery	84	13	Blepharoplasty	453
	<i>Jonathan Cook, David M. Turer, Barry E. DiBernardo, and Jason N. Pozner</i>			<i>Julius Few Jr., and Marco Ellis</i>	
8.5	Injectables and resurfacing techniques: Chemical peels	96	14	Secondary blepharoplasty	484
	<i>Richard H. Bensimon and Peter P. Rullan</i>			<i>Carl Z. Aschen and Henry M. Spinelli</i>	
8.6	Minimally invasive multimodal facial rejuvenation	118	15	Asian facial cosmetic surgery	513
	<i>Luiz S. Toledo</i>			<i>Jong Woo Choi, Tae Suk Oh, Hong Lim Choi, and Clyde Ishii</i>	
9.1	Editors' perspective: surgical facial rejuvenation	130	16	Facial fat grafting	559
	<i>Alan Matarasso</i>			<i>Francesco M. Egro, Sydney R. Coleman, and J. Peter Rubin</i>	
9.2	Facial anatomy and aging	131	17	Editors' perspective: nose	567
	<i>Bryan Mendelson and Chin-Ho Wong</i>			<i>Alan Matarasso</i>	
9.3	Principles and surgical approaches of facelift	149	18	Nasal analysis and anatomy	568
	<i>Richard J. Warren</i>			<i>Rod J. Rohrich and Paul N. Afrooz</i>	
9.4	Facelift: Facial rejuvenation with loop sutures: the MACS lift and its derivatives	180	19	Open technique rhinoplasty	581
	<i>Patrick Tonnard, Alexis Verpaele, and Rotem Tzur</i>			<i>Rod J. Rohrich and Paul N. Afrooz</i>	
			20	Closed technique rhinoplasty	607
				<i>Mark B. Constantian</i>	
			21	Airway issues and the deviated nose	647
				<i>Ali Totonchi, Bryan Armijo, and Bahman Guyuron</i>	
			22	Secondary rhinoplasty	662
				<i>David M. Kahn, Danielle H. Rochlin, and Ronald P. Gruber</i>	
			23	Otoplasty and ear reduction	681
				<i>Charles H. Thorne</i>	
			24	Hair restoration	690
				<i>Alfonso Barrera and Victor Zhu</i>	

Section III: General Aesthetic Surgery

25.1	Editors' perspective: liposuction	700
	<i>J. Peter Rubin</i>	
25.2	Liposuction: a comprehensive review of techniques and safety	701
	<i>Gianfranco Frojo, Jayne Coleman, and Jeffrey Kenkel</i>	
25.3	Correction of liposuction deformities with the SAFE liposuction technique	723
	<i>Simeon H. Wall Jr. and Paul N. Afrooz</i>	
26	Editors' perspective: abdominal contouring	731
	<i>Alan Matarasso</i>	
27	Abdominoplasty	732
	<i>Alan Matarasso</i>	
28	Lipoabdominoplasty with anatomical definition: a new concept in abdominal aesthetic surgery	775
	<i>Oswaldo Ribeiro Saldanha, Andrés F. Canchica Cano, Taisa Szolomicki, Oswaldo Saldanha Filho, and Cristianna Bonetto Saldanha</i>	
29	Editors' perspective: truncal contouring	785
	<i>J. Peter Rubin</i>	
30	Bra-line back lift	786
	<i>Joseph Hunstad and Saad A. Alsubaia</i>	
31	Belt lipectomy	792
	<i>Amitabh Singh and Al S. Aly</i>	
32	Circumferential approaches to truncal contouring in massive weight loss patients: the lower lipo-bodylift	819
	<i>Dirk F. Richter and Nina Schwaiger</i>	
33	Circumferential approaches to truncal contouring: autologous buttocks augmentation with purse-string gluteoplasty	834
	<i>Joseph P. Hunstad and Nicholas A. Flugstad</i>	
34	Circumferential approaches to truncal contouring: lower bodylift with autologous gluteal flaps for augmentation and preservation of gluteal contour	841
	<i>Robert F. Centeno and Jazmina M. Gonzalez</i>	
35.1	Editors' perspective: buttock augmentations	854
	<i>J. Peter Rubin</i>	
35.2	Buttock augmentation with implants	855
	<i>Jose Abel De la Peña Salcedo, Jocelyn Celeste Ledezma Rodriguez, and David Gonzalez Sosa</i>	
35.3	Buttock shaping with fat grafting and liposuction	869
	<i>Constantino G. Mendieta, Thomas L. Roberts III, and Terrence W. Bruner</i>	
36	Upper limb contouring	878
	<i>Margaret Luthringer, Nikita O. Shulzhenko, and Joseph F. Capella</i>	
37	Medial thigh	891
	<i>Samantha G. Maliha and Jeffrey Gusenoff</i>	
38	Post-bariatric reconstruction	898
	<i>Jonathan W. Toy and J. Peter Rubin</i>	
39	Energy devices in aesthetic surgery	919
	<i>David Turer, Jonathan Cook, Jason Pozner, and Barry DiBernardo</i>	
40	Aesthetic genital surgery	926
	<i>Gary J. Alter</i>	

Volume Three: Craniofacial, Head and Neck Surgery and Pediatric Surgery

Part 1: Craniofacial, Head and Neck Surgery: edited by Richard A. Hopper

1	Management of craniomaxillofacial fractures	2
	<i>Srinivas M. Susarla, Russell E. Ettinger, and Paul N. Manson</i>	
2	Scalp and forehead reconstruction	39
	<i>Alexander F. Mericli and Jesse C. Selber</i>	
3	Aesthetic nasal reconstruction	52
	<i>Frederick J. Menick</i>	
4	Auricular construction	110
	<i>Dale J. Podolsky, Leila Kasrai, and David M. Fisher</i>	
5	Secondary treatment of acquired cranio-orbital deformities	138
	<i>Allan B. Billig and Oleh M. Antonyshyn</i>	
6.1	Computerized surgical planning: introduction	155
	<i>Richard A. Hopper</i>	
6.2	Three-dimensional virtual planning in orthognathic surgery	157
	<i>Pradip R. Shetye and Srinivas M. Susarla</i>	
6.3	Computerized surgical planning in head and neck reconstruction	173
	<i>Maureen Beederman, Adam S. Jacobson, David L. Hirsch, and Jamie P. Levine</i>	
7	Introduction to post-oncologic reconstruction	188
	<i>Zoe P. Berman and Eduardo D. Rodriguez</i>	
8	Overview of head and neck soft-tissue and bony tumors	190
	<i>Sydney Ch'ng, Edwin Morrison, Pratik Rastogi, and Yu-Ray Chen</i>	
9	Post-oncologic midface reconstruction: the Memorial Sloan-Kettering Cancer Center and MD Anderson Cancer Center approaches	217
	<i>Maureen M. Hanasono and Peter G. Cordeiro</i>	
10	Local flaps for facial coverage	229
	<i>Nicholas Do and John Brian Boyd</i>	
11	Lip reconstruction	256
	<i>Julian J. Ponsaz and Mitchell Buller</i>	
12	Oral cavity, tongue, and mandibular reconstructions	275
	<i>Ming-Huei Cheng</i>	
13	Hypopharyngeal, esophageal, and neck reconstruction	302
	<i>Min-Jeong Cho and Peirong Yu</i>	
14	Secondary facial reconstruction	336
	<i>Afaaf Shakir and Lawrence J. Gottlieb</i>	
15	Facial paralysis	359
	<i>Simeon C. Daeschler, Ronald M. Zuker, and Gregory H. Borschel</i>	
16	Surgical management of facial pain, including migraines	390
	<i>Anna Schoenbrunner and Jeffrey E. Janis</i>	
17	Facial feminization	400
	<i>Luis Capitán, Daniel Simon, and Fermín Capitán-Cañadas</i>	

Part 2: Pediatric Surgery: edited by Joseph E. Losee

18 Embryology of the craniofacial complex	442	25.2 Nonsyndromic craniosynostosis	808
<i>Jingtao Li and Jill A. Helms</i>		<i>Sameer Shakir and Jesse A. Taylor</i>	
Section I: Clefts		25.3 Multisutural syndromic synostosis	827
19.1 Unilateral cleft lip: introduction	451	<i>Richard A. Hopper and Benjamin B. Massenburg</i>	
<i>Joseph E. Losee and Michael R. Bykowski</i>		25.4 Neurosurgical and developmental issues in craniosynostosis	849
19.2 Rotation advancement cheiloplasty	456	<i>Alexandra Junn, John T. Smetona, Michael Alperovich, and John A. Persing</i>	
<i>Philip Kuo-Ting Chen and Lucia Pannuto</i>		26 Craniofacial microsomia	859
19.3 Extended Mohler repair	488	<i>Craig B. Birgfeld and Scott P. Bartlett</i>	
<i>Roberto L. Flores</i>		27 Idiopathic progressive hemifacial atrophy	887
19.4 Anatomic subunit approximation approach to unilateral cleft lip repair	499	<i>Peter J. Taub, Kathryn S. Torok, Daniel H. Glaser, and Lindsay A. Schuster</i>	
<i>Raymond W. Tse and David M. Fisher</i>		28 Robin sequence	902
20 Repair of bilateral cleft lip	519	<i>Sofia Aronson, Chad A. Purnell, and Arun K. Gosain</i>	
<i>John B. Mulliken and Daniel M. Balkin</i>		29 Treacher Collins syndrome	923
21.1 Cleft palate: introduction	538	<i>Irene Mathijssen</i>	
<i>Michael R. Bykowski and Joseph E. Losee</i>		Section III: Pediatrics	
21.2 Straight line repair with intravelar veloplasty (IVVP)	542	30 Congenital melanocytic nevi	935
<i>Brian Sommerlad</i>		<i>Sara R. Dickie, Neta Adler, and Bruce S. Bauer</i>	
21.3 Double opposing Z-palatoplasty	549	31 Vascular anomalies	952
<i>Jordan N. Halsey and Richard E. Kirschner</i>		<i>Arin K. Greene and John B. Mulliken</i>	
21.4 Buccal myomucosal flap palate repair	557	32 Pediatric chest and trunk deformities	974
<i>Robert Joseph Mann</i>		<i>Han Zhuang Beh, Andrew M. Ferry, Rami P. Dibbs, Edward P. Buchanan, and Laura A. Monson</i>	
21.5 The buccal fat pad flap	567	33 Pediatric tumors	988
<i>James D. Vargo and Steven R. Buchman</i>		<i>Matthew R. Greives, George Washington, Sahil Kapur, and Michael Bentz</i>	
21.6 Oral fistula closure	575	34 Conjoined twins	1001
<i>Mirko S. Gillardino, Sabrina Cugno, and Abdulaziz Alabdulkarim</i>		<i>Anna R. Carlson, Gregory G. Heuer, and Jesse A. Taylor</i>	
21.7 Alveolar clefts	583	<i>Index</i>	1011
<i>Katelyn Kondra, Eloise Stanton, Christian Jimenez, Erik M. Wolfswinkel, Stephen Yen, Mark Urata, and Jeffrey Hammoudeh</i>			
21.8 Orthodontics in cleft lip and palate management	592		
<i>Alvaro A. Figueroa, Alexander L. Figueroa, Gerson R. Chinchilla, and Marta Alvarado</i>			
21.9 Velopharyngeal dysfunction	618		
<i>Richard E. Kirschner, Hannah J. Bergman, and Adriane L. Baylis</i>			
21.10 Secondary deformities of the cleft lip, nose, and palate	636		
<i>Han Zhuang Beh, Rami P. Dibbs, Andrew M. Ferry, Robert F. Dempsey, Edward P. Buchanan, and Larry H. Hollier Jr.</i>			
21.11 Cleft and craniofacial orthognathic surgery	661		
<i>Stephen B. Baker, Brian L. Chang, and Anusha Singh</i>			
Section II: Craniofacial			
22 Pediatric facial fractures	708		
<i>John T. Smetona, Jesse A. Goldstein, Michael R. Bykowski, and Joseph E. Losee</i>			
23 Orbital hypertelorism	726		
<i>Eric Arnaud, Giovanna Paternoster, Roman Khonsari, Samer E. Haber, and Syril James</i>			
24 Craniofacial clefts	747		
<i>James P. Bradley and Henry K. Kawamoto Jr.</i>			
25.1 Craniosynostosis: introduction	775		
<i>Christopher R. Forrest and Johanna N. Riesel</i>			

Volume Four: Lower Extremity, Trunk and Burnsedited by **David H. Song and Joon Pio Hong**

1 Comprehensive lower extremity anatomy	1
<i>Rajiv P. Bank and Grant M. Kleiber</i>	
2 Management of lower extremity trauma	52
<i>Hyunsuk Peter Suh</i>	
Section I: Lower Extremity Surgery	
3.1 Lymphedema: introduction and editors' perspective	76
<i>Joon Pio Hong and David H. Song</i>	
3.2 Imaging modalities for diagnosis and treatment of lymphedema	78
<i>Balazs Mohos and Chieh-Han John Tzou</i>	
3.3 Lymphaticovenular bypass	92
<i>Wei F. Chen, Lynn M. Orfahli, and Vahe Fahradyan</i>	
3.4 Vascularized lymph node transplant	102
<i>Rebecca M. Garza and David W. Chang</i>	
3.5 Debulking strategies and procedures: liposuction of leg lymphedema	111
<i>Håkan Brorson</i>	
3.6 Debulking strategies and procedures: excision	120
<i>Hung-Chi Chen and Yueh-Bih Tang</i>	

12	A critical analysis of irrigation solutions in breast surgery	174	29	Breast reconstruction with the latissimus dorsi flap	355
	<i>Grace Keane, Marissa M. Tenenbaum, and Terence M. Myckatyn</i>			<i>Dennis C. Hammond</i>	
13	Imaging and surveillance in patients with breast implants	182	30	Autologous breast reconstruction with the DIEP flap	371
	<i>Bradley Bengtson, Patricia McGuire, Caroline Glicksman, and Pat Pazmiño</i>			<i>Adrian McArdle and Joan E. Lipa</i>	
14	Breast implant explantation: indications and strategies to optimize aesthetic outcomes	191	31	Autologous breast reconstruction with the free TRAM flap	396
	<i>Connor Crowley, M. Bradley Calobrace, Mark W. Clemens, and Neil Tanna</i>			<i>Jin Sup Eom and Hyunho Han</i>	
15	Management strategies for gynecomastia	200	32	Autologous breast reconstruction with the superficial inferior epigastric artery (SIEA) flap	413
	<i>Michele Ann Manahan</i>			<i>Pierre Chevray</i>	
16	Management options for gender affirmation surgery of the breast	207	33	Introduction to autologous reconstruction with alternative free flaps	420
	<i>Ara A. Salibian, Gaines Blasdel, and Rachel Bluebond-Langner</i>			<i>Maurice Y. Nahabedian</i>	
Section II: Reconstructive Breast Surgery			34	Gluteal free flaps for breast reconstruction	424
17	Preoperative evaluation and planning for breast reconstruction following mastectomy	222		<i>Salih Colakoglu and Gedge D. Rosson</i>	
	<i>Said C. Azoury and Liza C. Wu</i>		35	Autologous breast reconstruction with medial thigh flaps	433
18	Perfusion assessment techniques following mastectomy and reconstruction	234		<i>Venkat V. Ramakrishnan and Nakul Gamanlal Patel</i>	
	<i>Alex Mesbahi, Matthew Cissell, Mark Venturi, and Louisa Yemc</i>		36	Autologous breast reconstruction with the profunda artery perforator (PAP) flap	450
19	Introduction to prosthetic breast reconstruction	239		<i>Adam T. Hauch, Hugo St. Hilaire, and Robert J. Allen, Sr.</i>	
	<i>Maurice Y. Nahabedian</i>		37	Autologous reconstruction with the lumbar artery perforator (LAP) free flap	461
20	One- and two-stage prepectoral reconstruction with prosthetic devices	247		<i>Phillip Blondeel and Dries Opsomer</i>	
	<i>Alberto Rancati, Claudio Angrigiani, Maurizio Nava, Dinesh Thekkinkattil, Raghavan Vidya, Marcelo Irigo, Agustin Rancati, Allen Gabriel, and Patrick Maxwell</i>		38	Hybrid breast reconstruction: combining flaps and implants	468
21	One-stage dual-plane reconstruction with prosthetic devices	265		<i>Arash Momeni, Hani Sbitany, and Suhail K. Kanchwala</i>	
	<i>Brittany L. Vieira and Amy S. Colwell</i>		39	Innervation of autologous flaps	475
22	Two-stage dual-plane reconstruction with prosthetic devices	280		<i>Aldona J. Spiegel and Janak A. Parikh</i>	
	<i>Ara A. Salibian and Nolan S. Karp</i>		40	Stacked and conjoined flaps	481
23	Two-stage prosthetic reconstruction with total muscle coverage	293		<i>Nicholas T. Haddock and Sumeet S. Teotia</i>	
	<i>Colleen M. McCarthy and Peter G. Cordeiro</i>		41	Management of complications following autologous breast reconstruction	488
24	Skin reduction using “smile mastopexy” technique in breast reconstruction	298		<i>Anne C. O’Neill, Vincent J. Choi, and Stefan O.P. Hofer</i>	
	<i>Kiya Movassaghi and Christopher N. Stewart</i>		42	Enhanced recovery after surgery (ERAS) protocols in breast surgery: techniques and outcomes	498
25	Management of complications of prosthetic breast reconstruction	304		<i>Nicholas F. Lombana, Reuben A. Falola, John C. Cargile, and Michel H. Saint-Cyr</i>	
	<i>Nima Khavanin and John Y.S. Kim</i>		43	Secondary procedures following autologous reconstruction	516
26	Secondary refinement procedures following prosthetic breast reconstruction	317		<i>Jian Farhadi and Vendela Grufman</i>	
	<i>Roy de Vita and Veronica Vietti Michelina</i>		44	Introduction to oncoplastic breast surgery	526
27	Introduction to autologous breast reconstruction with abdominal free flaps	336		<i>Maurice Y. Nahabedian</i>	
	<i>Maurice Y. Nahabedian</i>		45	Partial breast reconstruction using reduction and mastopexy techniques	533
28	Breast reconstruction with the pedicle TRAM flap	340		<i>Albert Losken, Nusaiba F. Baker, and Alexandre Munhoz</i>	
	<i>Jake C. Laun and Julian J. Pribaz</i>		46	Oncoplastic breast reconstruction: local flap techniques	547
				<i>Moustapha Hamdi and Claudio Angrigiani</i>	
			47	Surgical and non-surgical management of breast cancer-related lymphedema	556
				<i>Ketan M. Patel, Emma C. Koesters, Rachel Lentz, and Orr Shauly</i>	

48	Breast reconstruction and radiotherapy: indications, techniques, and outcomes	567			
	<i>Jaume Maslà, Crìstian D. Pomata, and Javier Sanz</i>				
49	Robotic-assisted autologous breast reconstruction	581			
	<i>Karim A. Sarhane and Jesse C. Selber</i>				
50	Total breast reconstruction by external vacuum expansion (EVE) and autologous fat transfer (AFT)	590			
	<i>Andrzej Piatkowski and Roger K. Khouri</i>				
51	Current options for nipple reconstruction	603			
	<i>David Chi and Justin M. Sacks</i>				
	<i>Index</i>	610			
Volume Six: Hand and Upper Extremity					
	Introduction: Plastic surgery contributions to hand surgery		liii		
	<i>James Chang</i>				
	Section I: Principles of Hand Surgery				
1	Anatomy and biomechanics of the hand	1			
	<i>James Chang, Anais Legrand, Francisco J. Valero-Cuevas, Vincent R. Hentz, and Robert A. Chase</i>				
2	Examination of the upper extremity	49			
	<i>Ryosuke Kakinoki</i>				
3	Diagnostic imaging of the hand and wrist	70			
	<i>Alphonsus K.S. Chong, Janice Liao, and David M.K. Tan</i>				
4	Anesthesia for upper extremity surgery	95			
	<i>Eugene Park, Jonay Hill, Vanila M. Singh, and Subhro K. Sen</i>				
5	Principles of internal fixation	109			
	<i>Margaret Fok, Jason R. Kang, Christopher Cox, and Jeffrey Yao</i>				
	Section II: Trauma Reconstruction				
6	Nail and fingertip reconstruction	123			
	<i>Amanda Brown, Brian A. Mailey, and Michael W. Neumeister</i>				
7	Hand fractures and joint injuries	147			
	<i>Warren C. Hammert and Randy R. Bindra</i>				
8	Fractures and dislocations of the wrist and distal radius	173			
	<i>Steven C. Haase and Kevin C. Chung</i>				
9	Flexor tendon injuries and reconstruction	193			
	<i>Jin Bo Tang</i>				
10	Extensor tendon injuries	230			
	<i>Kai Megerle and Karl-Josef Prommersberger</i>				
11	Replantation	250			
	<i>Dong Chul Lee and Eugene Park</i>				
12	Reconstructive surgery of the mutilated hand	272			
	<i>S. Raja Sabapathy and Hari Venkatraman</i>				
13	Thumb reconstruction: Non-microsurgical techniques	305			
	<i>Jeffrey B. Friedrich, Nicholas B. Vedder, and Elisabeth Haas-Lützenberger</i>				
14	Thumb reconstruction: Microsurgical techniques	320			
	<i>Nidal F. Al Deek and Fu-Chan Wei</i>				
	Section III: Specific Disorders				
15	Infections of the hand	337			
	<i>Andrew O'Brien, Ryan P. Calfee, Jana Dengler, and Amy M. Moore</i>				
16	Tumors of the hand	356			
	<i>Kashyap K. Tadisina, Justin M. Sacks, and Mitchell A. Pet</i>				
17	Dupuytren's disease	384			
	<i>James K-K. Chan, Paul M.N. Werker, and Jagdeep Nanchahal</i>				
18	Osteoarthritis in the hand and wrist	411			
	<i>Paige M. Fox, J. Henk Coert, and Steven L. Moran</i>				
19	Rheumatologic conditions of the hand and wrist	449			
	<i>Douglas M. Sammer and Kevin C. Chung</i>				
20	Occupational disorders of the hand	491			
	<i>Celine Yeung and Steven J. McCabe</i>				
	Section IV: Nerve Disorders				
21	Nerve entrapment syndromes	499			
	<i>Elisabet Hagert and Donald Lalonde</i>				
22	Peripheral nerve repair and reconstruction	526			
	<i>Simon Farnebo, Johan Thorfinn, and Lars B. Dahlin</i>				
23	Brachial plexus injuries: adult and pediatric	552			
	<i>Johnny Chuieng-Yi Lu and David Chwei-Chin Chuang</i>				
24	Tetraplegia	585			
	<i>Carina Reinholdt and Catherine Curtin</i>				
25	Tendon transfers	605			
	<i>Neil F. Jones</i>				
26	Nerve transfers	638			
	<i>Kirsty Usher Boyd, Ida K. Fox, and Susan E. Mackinnon</i>				
27	Free-functioning muscle transfer	665			
	<i>Siméon C. Daeschler, Kristen M. Davidge, Julia Harhaus, and Gregory H. Borschel</i>				
	Section V: Challenging Disorders				
28	The ischemic hand	680			
	<i>Hee-Shang Ahn, Jung Soo Yoon, and Neil F. Jones</i>				
29	The spastic hand	704			
	<i>Caroline Leclercq, Nathalie Bini, and Charlotte Jaloux</i>				
30	The stiff hand	716			
	<i>David T. Netscher, Rita E. Baumgartner, Kimberly Goldie Staines, and Logan W. Carr</i>				
31	The painful hand	735			
	<i>Hazel Brown, Anna Berridge, Dennis Hazell, Parashar Ramanuj, and Tom J. Quick</i>				
	Section VI: Congenital Disorders				
32	Congenital hand I: Embryology, classification, and principles	746			
	<i>Michael Tonkin and Kerby C. Oberg</i>				
33	Congenital hand II: Malformations – whole limb	770			
	<i>Aaron Berger, Soumen Das De, Bhaskaranand Kumar, and Pundrique Sharma</i>				
34	Congenital hand III: Malformations – abnormal axis differentiation – hand plate: proximodistal and radioulnar	790			
	<i>Brinkley K. Sandvall and Charles A. Goldfarb</i>				

35	Congenital hand IV: Malformations – abnormal axis differentiation – hand plate: unspecified axis	824		
	<i>Christianne A. van Nieuwenhoven</i>			
36	Congenital hand V: Deformations and dysplasias – variant growth	842		
	<i>Wee Leon Lam, Xiaofei Tian, Gillian D. Smith, and Shanlin Chen</i>			
37	Congenital hand VI: Dysplasias – tumorous conditions	868		
	<i>Amir H. Taghinia and Joseph Upton</i>			
38	Congenital hand VII: Dysplasias – congenital contractures	898		
	<i>Ellen Satteson, Paul C. Dell, Xiao Fang Shen, and Harvey Chim</i>			
39	Growth considerations in the pediatric upper extremity	909		
	<i>Marco Innocenti and Sara Calabrese</i>			
			Section VII: New Directions	
			40	Treatment of the upper extremity amputee 930
				<i>Gregory Ara Dumanian, Sumanas W. Jordan, and Jason Hyunsuk Ko</i>
			41	Upper extremity composite allotransplantation 949
				<i>Christopher D. Lopez, Joseph Lopez, Jaimie T. Shores, W.P. Andrew Lee, and Gerald Brandacher</i>
			42	Aesthetic hand surgery 963
				<i>David Alan Kulber and Meghan C. McCullough</i>
			43	Hand therapy 983
				<i>Wendy Moore, Minnie Mau, and Brittany N. Garcia</i>
			<i>Index</i>	999

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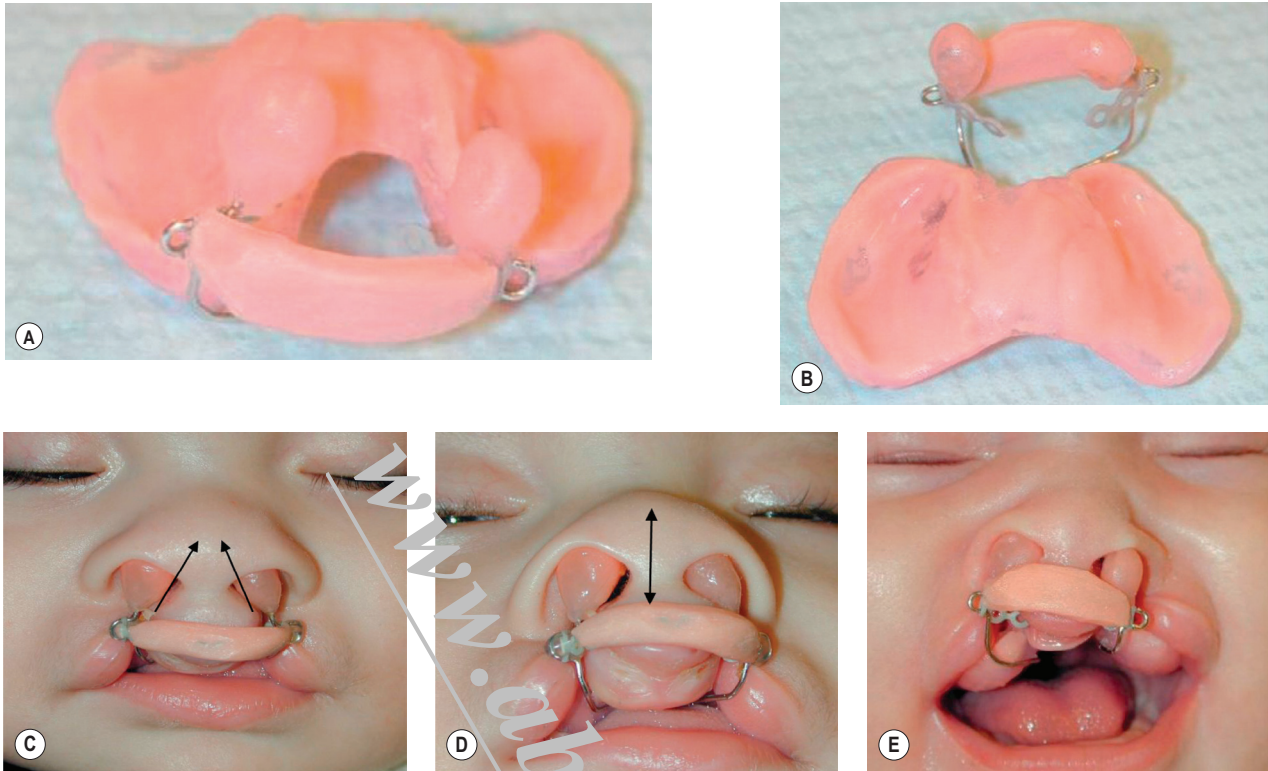


Figure 21.8.8 After initial premaxillary repositioning, patient with bilateral cleft lip and palate undergoing nasal molding. Note two nasal stents added to the plate with an anterior elastomeric chain (A, B). While the elastomeric chain is holding the premaxilla and prolabium down and back, the nasal stents elevate the nasal tip, repositioning the nasal domes towards the midline and elongating the columella (C–E).



Figure 21.8.9 Frontal, profile, and nasal photographs of a patient with bilateral cleft lip and palate who underwent presurgical nasoalveolar molding treatment and primary lip repair. Comparison of before (A–C) and after (D–F) nasoalveolar molding photographs illustrate reduction of premaxillary asymmetry and protrusion as well as improvement of nasal asymmetry. A satisfactory lip and nasal repair was obtained soon after lip surgery (G–I). Four years after surgery (J–L), the patient maintains excellent lip line, nose/lip relations, nasal symmetry, and projection.



Figure 21.8.10 Long-term follow-up of a patient with unilateral cleft lip and palate treated with presurgical nasoalveolar molding, and only primary lip and palate repair and alveolar bone grafting. Close-up photos of the nose before (A) and after (B) nasoalveolar molding, and feeding with the nasoalveolar molding prosthesis in place (C). Facial photos before treatment (D), postsurgery at 2 (E), 9 (F), and 16 (G) years of age. Note satisfactory outcome with nice lip line and stable nasal symmetry.

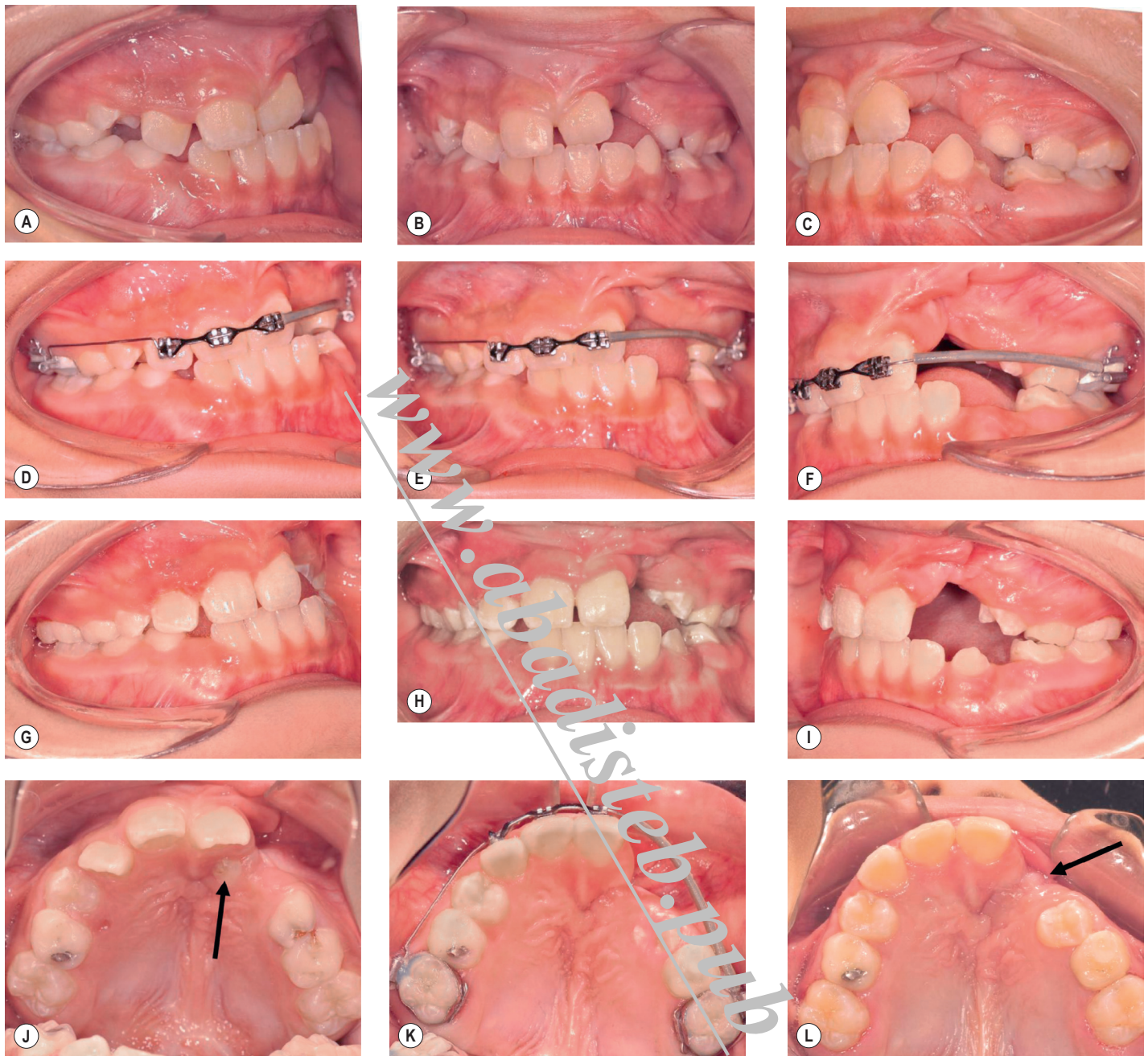


Figure 21.8.11 Patient with unilateral cleft lip and palate in the transitional dentition prior to orthodontic preparation for alveolar bone grafting (**A–C**), after orthodontic treatment (**D–F**), and after bone graft (**G–I**). Note alignment of the dental arch with a simple segmental edgewise orthodontic appliance. (**J–L**) Occlusal views at similar stages. Note missing lateral incisor and retained primary canine in the cleft area (arrow) (**J**). This tooth was extracted prior to surgery. Note aligned arch prior to surgery (**K**). After surgery, the permanent canine erupted through the bone-grafted area (arrow) (**L**). (**M–O**) Panoramic radiographs at similar stages: note in the pretreatment radiograph