

CORNEAL SURGERY, 4TH EDITION

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CORNEAL SURGERY

THEORY, TECHNIQUE AND TISSUE

FOURTH EDITION

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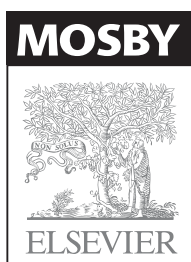
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CONTENTS

Preface	xi
List of Contributors	xiii
Acknowledgments	xxi
Dedication	xxiii

Part 1: Introduction to Corneal Function and Surgery

1. History of Corneal Transplantation	1
<i>Peter R. Laibson</i>	

Section 1: Ocular Surface Maintenance

2. Eyelid Malpositions: Entropion, Ectropion, and Trichiasis	9
<i>Jeremy Van Buren, Cat Nguyen Burkat</i>	
3. Conjunctiva and Tear Film	17
<i>Ilya M. Leyngold, Roy S. Chuck</i>	
4. Corneal Epithelium and Stem Cells	25
<i>Murat Dogru, Min Chen, Shigeto Shimmura, Kazuo Tsubota</i>	

Section 2: Corneal Stroma

5. Shape, Structure, and Biomechanical Properties	33
<i>Pierre Fournié, Gabriel M. Gordon, Dolena R. Ledee, Cynthia J. Roberts, M. Elizabeth Fini</i>	
6. Stromal Wound Healing	45
<i>Trevor Sherwin, Colin R. Green</i>	
7. Corneal Endothelium: Structure and Function in Health and Disease	57
<i>Daniel G. Dawson, Dayle H. Geroski, Henry F. Edelhauser</i>	

Part 2: Testing and Measuring Corneal Function

8. The Keratometer in the Diagnosis of Corneal Disease	71
<i>Peter C. Donshik, William Ehlers</i>	
9. Corneal Structure and Function: Placido-based Corneal Topography	75
<i>Stephen D. Klyce, Tetsuro Oshika</i>	
10. Corneal Tomography and Anterior Chamber Imaging	83
<i>Catherine E. Wheelodon, Charles N.J. McGhee</i>	
11. Confocal Microscopy of the Cornea	95
<i>Matthew Giegengack, William D. Mathers</i>	

12. Specular Microscopy	105
<i>Ronald A. Laing</i>	
13. Tonometry and Biomechanical Analysis	117
<i>Mujtaba A. Qazi, Eric Y. Yoon, Jay S. Pepose</i>	

Part 3: Ocular Surface Surgery and Reconstruction

14. Anesthesia for Corneal Surgery	125
<i>Jerry G. Ford, John W. Reed</i>	
15. Corneal and Conjunctival Foreign Bodies	133
<i>Marc R. Criden, Steven E. Katz, Richard G. Lembach</i>	
16. Conjunctival and Corneal Cultures, Resections and Biopsies	139
<i>Sarah M. Nehls, Neal P. Barney</i>	
17. Epithelial Debridement and Superficial Keratectomy	145
<i>Tina C. Lucas-Glass, Christopher J. Rapuano</i>	
18. Corneal Micropuncture in Recurrent Erosion Syndromes	151
<i>Roy Scott Rubinfeld</i>	

Section 1: Phototherapeutic Keratectomy

19. Phototherapeutic Keratectomy: Indications, Contraindications, and Preoperative Evaluation	161
<i>Liane M. Clamen, Waleed Mahran, Dimitri T. Azar</i>	
20. Phototherapeutic Keratectomy: Operative Techniques and Complications	173
<i>Timothy B. Cavanaugh</i>	

Section 2: Ocular Surface Reconstruction

21. Pterygium	187
<i>Christopher Y. Chow, Steven P. Dunn, David G. Heidemann</i>	
22. Tissue Adhesives	199
<i>Erich H.P. Braun</i>	
23. Conjunctival Flaps and Amniotic Membrane Transplantation	207
<i>Christopher I. Zoumalan, Glenn C. Cockerham, C. Stephen Foster</i>	
24. Central Corneal Thinning and Perforation	217
<i>Stephen P. Ginsberg, Frederick S. Brightbill and Tracy L. Aigner</i>	

25.	Peripheral Corneal Disease with Thinning	229	44.	Pseudophakic and Aphakic Penetrating Keratoplasty	397
	<i>Yuri S. Oleynikov, Tania M. Onclinx, Ella G. Faktorovich, Bartly J. Mondino</i>			<i>Richard L. Abbott, Maria D. Bernal</i>	
26.	Epithelial Transplantation for the Management of Severe Ocular Surface Disease.	241	45.	Anterior Chamber-Type Intraocular Lens Replacement during Penetrating Keratoplasty for Pseudophakic Bullous Keratopathy	407
	<i>Ali R. Djalilian, Hormuz P. Wadia, Siamak Balali, Nariman Nassiri, Edward Holland</i>			<i>Terrence J. Doherty, Jonathan H. Lass</i>	
27.	Autologous Conjunctival and Scleral Grafts	253	46.	Lens Replacement in Pseudophakic Bullous Keratopathy: Iris-Sutured Posterior Chamber Lenses.	413
	<i>David W. Vastine</i>			<i>W. Stanley Muenzler</i>	
28.	Surgery of Limbal Dermoids	261	47.	Intraocular Lens Replacement in Pseudophakic Bullous Keratopathy: Scleral-Fixated Type	415
	<i>David B. Glasser</i>			<i>Thomas D. Lindquist</i>	
Section 3: Corneal Protective Procedures			48.	Regrafting	421
29.	Tarsorrhaphy and Lacrimal Occlusion	265		<i>Linda Rose, John D. Gottsch, Frank M. Jakobs, Walter J. Stark</i>	
	<i>Alon Kahana, Mark J. Lucarelli</i>		49.	Pediatric Keratoplasty	431
Part 4: Techniques in Corneal Transplantation				<i>Gerald W. Zaidman</i>	
Section 1: Preoperative Considerations			50.	Therapeutic Penetrating Keratoplasty	439
30.	Aphakic and Pseudophakic eyes	273		<i>Prashant Garg, Gullapalli N. Rao</i>	
	<i>Alan Sugar</i>		51.	Intraoperative Complications of Penetrating Keratoplasty	451
31.	Herpetic Eye Disease: Ocular Herpes Simplex and Herpes Zoster	277		<i>Jason S. Rothman, Juan Carlos Abad, Ernest W. Kornmehl</i>	
	<i>Jeffrey Day Lanier</i>		52.	Penetrating Corneal Transplantation: Early Postoperative Management	459
32.	Preoperative Tests and Evaluations.	285		<i>Jeremy E. Levenson</i>	
	<i>Robert E. Brass, Frederick S. Brightbill</i>		53.	Post Keratoplasty Infections	471
33.	Gross and Slit-Lamp Examination of the Donor Eye.	293		<i>Namrata Sharma, Gaurav Prakash, Rasik B. Vajpayee</i>	
	<i>William J. Reinhart</i>		54.	Glaucoma	477
34.	Tissue Typing and Matching	301		<i>Catherine Newton, Linda L. Burk</i>	
	<i>Bonnie C. Weston</i>		55.	Suture Removal	481
35.	Corneal Trephines, Cutting Blocks, and Artificial Anterior Chambers.	305		<i>Frederick S. Brightbill, Edward L. Shaw</i>	
	<i>Thomas John</i>		56.	Astigmatism Preoperative and Operative Factors	489
36.	Viscoelastic Materials	313		<i>Sheraz M. Daya, Marcela Espinosa-Lagana</i>	
	<i>Matthew J. Thompson</i>		57.	Contact Lens Fitting after Penetrating Keratoplasty	495
37.	Sutures and Suturing Technique	323		<i>Christine W. Sindt</i>	
	<i>David H. Haight</i>		58.	Control of Postkeratoplasty Astigmatism.	507
Section 2: Anterior Lamellar Keratoplasty				<i>Woodford S. Van Meter</i>	
38.	Indications and Contraindications for Anterior Lamellar Keratoplasty	337	59.	Refractive Surgery Following Penetrating Keratoplasty	517
	<i>Sanjay V. Patel, H. Kaz Soong</i>			<i>Renée Solomon, Eric D. Donnenfeld</i>	
39.	Epikeratoplasty	343	60.	LASIK and Surface Ablation	529
	<i>Ayad A. Farjo, Michael D. Wagoner</i>			<i>Eric D. Donnenfeld, Steven I. Rosenfeld, Renée Solomon</i>	
40.	Deep Anterior Lamellar Keratoplasty	353	61.	Rejection: Clinical Forms, Diagnosis and Treatment	537
	<i>Sheraz M. Daya, Samer Hamada</i>			<i>Matthew A. Dahlgren, Jay H. Krachmer</i>	
Section 3: Penetrating Keratoplasty			62.	Immunosuppression in High-Risk Keratoplasty	545
41.	Indications and Contraindications of Penetrating Keratoplasty	365		<i>Ali R. Djalilian, Nariman Nassiri, Janet A. Lee, Edward J. Holland</i>	
	<i>John E. Sutphin</i>		63.	Outcomes of Penetrating Keratoplasty	553
42.	Phakic Penetrating Keratoplasty	379		<i>Douglas J. Coster, Keryn A. Williams</i>	
	<i>Joel Sugar, Satya Reddy</i>		Section 4: Endothelial Keratoplasty		
43.	Combined Keratoplasty and Lens Removal: The Triple Procedure.	383	64.	Surgical Technique for DSAEK—Descemet's Stripping Automated Endothelial Keratoplasty	561
	<i>Matthew J. Thompson, Timothy B. Cavanaugh</i>			<i>Mark S. Gorovoy</i>	
			65.	Posterior Lamellar Keratoplasty and Deep Lamellar Endothelial Keratoplasty	565
				<i>Neda Shamie, Edwin S. Chen, Mark A. Terry</i>	

66.	Descemet's Stripping with Endothelial Keratoplasty	571	83.	Interpreting Corneal Topography, Tomography and Wavefront Analysis	725
	<i>Marianne O. Price, Francis W. Price</i>			<i>Carole A. Cooke, Charles N.J. McGhee</i>	
67.	Microkeratome-Assisted Posterior Lamellar Keratoplasty	579	Section 2: Incisional Keratotomies		
	<i>Suy Anne R. Martins, Guillermo E. Noguera, Ashley Behrens</i>		84.	Lessons from Radial Keratotomy	739
68.	Descemet's Stripping Automated Endothelial Keratoplasty: Avoiding Complications	587		<i>Mitul R. Vakharia</i>	
	<i>James Rowsey, Jason A. Evangelista, John Williams, Bradley D. Fouraker</i>		85.	Astigmatic Keratotomy and Peripheral Corneal Relaxing Incisions	749
69.	The Future of Keratoplasty	597		<i>David R. Hardten, Daniel H. Chang</i>	
	<i>Omar Ahmad, Shahzad Mian, Alan Sugar</i>		86.	Conductive Keratoplasty	761
Part 5: Special Situations in Corneal Surgery				<i>Richard L. Lindstrom, H.L. Rick Milne, Michael Gordon</i>	
Section 1: Trauma and Anterior Segment Neoplasms			87.	The Intrastromal Corneal Ring	771
70.	Chemical Injuries of the Eye	605		<i>Steven M. Verity, David J. Schanzlin</i>	
	<i>Roswell R. Pfister, Daryl A. Pfister</i>		Section 3: Eximer Laser Ablations Principles and Ablation Profiles		
71.	Corneal and Scleral Ruptures and Lacerations	617	88.	Myopia, Hyperopia and Astigmatism	777
	<i>Constance A. Cox, William J. Dupps, Jr., Geoffrey J. Brent, David M. Meisler</i>			<i>Daniel G. Dawson, Fabrice Manns, Yunhee Lee</i>	
72.	Epithelial Downgrowth, Pearl Tumors and Fibrous Ingrowth	627	89.	Comparison of Lasers for Excimer Laser Vision Correction	789
	<i>Albert S. Jun, Elizabeth C. L. Vito, Julia A. Haller, Walter J. Stark</i>			<i>David R. Hardten, Scott G. Hauswirth</i>	
73.	Traumatic Cataract, Vitreous Prolapse and Loose Zonules	635	90.	Tracking and Registration	797
	<i>Michael L. Nordlund, Robert Cionni</i>			<i>Natasha L. Herz, Li Wang, Douglas D. Koch</i>	
74.	Iris Biopsies and Iridocyclectomy	647	91.	Building a Personalized Lasik-Laser Vision Correction Nomogram	807
	<i>Samir G. Farah</i>			<i>John F. Doane, Randolph T. Jackson</i>	
75.	Iris Reconstructive and Restorative Procedures	655	92.	Surface Ablation: Techniques and Postoperative Management	811
	<i>Andrea C. Kara-Jose, Marian S. Macsai</i>			<i>Leejee H. Suh, Ashley Behrens, Peter J. McDonnell</i>	
76.	Conjunctival and Corneal Tumors	665	93.	Outcomes and Complications of Surface Ablation	821
	<i>Amol D. Kulkarni, Heather A. D. Potter, Thomas J. Liesegang, Daniel M. Albert</i>			<i>Tatsuya Onguchi, Dimitri T. Azar</i>	
Section 2: Keratoprotheses, Synthetic and Bioengineered Corneas			94.	LASIK Complications	827
77.	Temporary Keratoprosthesis	677		<i>Louis E. Probst</i>	
	<i>Elmer Y. Tu, Joel Sugar</i>		95.	Comparative Analysis of Mechanical and Laser Microkeratomes	851
78.	Permanent Keratoprotheses	683		<i>John F. Doane, Randolph T. Jackson, Stephen G. Slade</i>	
	<i>Kaivalin Lekhanont, Vasudha Panday, Esen Karamursel Akpek</i>		96.	Femtosecond Laser-Assisted Corneal Surgery	861
79.	The Boston Keratoprosthesis	691		<i>Qais A. Farjo, Ayad A. Farjo</i>	
	<i>Stephen G. Waller, Claes H. Dohlman</i>		97.	Eximer Laser Enhancements	871
Part 6: Surgical correction of Refractive Errors				<i>Frederick S. Brightbill</i>	
Section 1: Principles of Refractive Surgery			Section 4: Intraocular Lenses		
80.	Classification and Terminology of Refractive Surgery	697	98.	Intraocular Lens Calculation	875
	<i>George O. Waring</i>			<i>Kenneth J. Hoffer</i>	
81.	Principles of Biomechanics in Refractive Surgery	711	99.	Anterior Chamber Phakic Intraocular Lens	897
	<i>William J. Dupps, Jr.</i>			<i>James Lee, Lisa Herrygers</i>	
82.	Preoperative Evaluation of the Refractive Surgical Patient	721	100.	Phakic Posterior Chamber Lens (pPIOL)	903
	<i>Marjan Farid, Roger F. Steinert</i>			<i>Michael A. Lawless, Christopher Hodge</i>	
			101.	Multifocal, Pseudo-Accommodative and Accommodative Intraocular Lenses	913
				<i>Jesse Chew, Liliana Werner, Randall J. Olson</i>	
			Index		925

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DVD TABLE OF CONTENTS

Part 2: Testing and Measuring Corneal Function

Chapter 13, Tonometry and Biomechanical Analysis, Mujtaba A. Qazi, Eric Y. Yoon, Jay Pepose

1. Ocular response analyzer
2. PASCAL dynamic contour tonometer

Part 3: Ocular Surface Surgery and Reconstruction

Chapter 18, Corneal Micropuncture in Recurrent Erosion Syndromes, Roy Scott Rubinfeld

1. Corneal Micropuncture in Recurrent Erosion Syndromes

Chapter 19, Indications, Contraindications, and Preoperative Evaluation, Liane M. Clamen, Waleed Mahran, Dimitri Azar

1. Indications, Contraindications, and Preoperative Evaluation

Chapter 21, Pterygium, Christopher Y. Chow, Steven P. Dunn, David G. Heidemann

1. Pterygium

Chapter 22, Tissue Adhesives, Erich H.P. Braun

1. Tissue Adhesives

Part 4: Techniques in Corneal Transplantation

Chapter 42, Phakic Keratoplasty, Joel Sugar, Satya Reddy

1. Phakic Keratoplasty

Chapter 49, Pediatric Keratoplasty, Gerald W. Zaidman

1. Pediatric Keratoplasty

Chapter 50, Therapeutic Penetrating Keratoplasty, Prashant Garg, Gullapalli N. Rao

1. Therapeutic Penetrating Keratoplasty

Chapter 57, Contact Lens Fitting, Christine Sindt

1. Contact Lens Fitting

Chapter 59, Refractive Surgery Following Penetrating Keratoplasty, Renée Solomon, Eric D. Donnenfeld

1. Refractive Surgery Following Penetrating Keratoplasty

Chapter 64, Surgical Technique for DSAEK—Descemet Stripping Automated Endothelial Keratoplasty, Mark S. Gorovoy

1. Surgical Technique for DSAEK
2. Descemet's Stripping with Endothelial Keratoplasty

Part 5: Special Situations in Corneal Surgery

Chapter 72, Epithelial Downgrowth, Pearl Tumors and Fibrous Ingrowth, Albert S. Jun, Elizabeth C. L. Vito, Julia A. Haller, Walter J. Stark

1. Epithelial Downgrowth, Pearl Tumors and Fibrous Ingrowth

Chapter 73, Traumatic Cataract, Vitreous Prolapse and Loose Zonules, Michael L. Nordlund, Robert Cionni

1. Traumatic Cataract, Vitreous Prolapse and Loose Zonules

Chapter 77, Temporary Keratoprosthesis, Elmer Y. Tu, Joel Sugar

1. Temporary Keratoprosthesis

Chapter 78, Permanent Keratoprotheses, Kaevalin Lekhanont, Vasudha Panday, Esen Karamursel Akpek

1. Permanent Keratoprotheses

Chapter 79, The Boston Keratoprosthesis, Stephen G. Waller, Claes H. Dohlman

1. The Boston Keratoprosthesis

Part 6: Surgical Correction of Refractive Errors

Chapter 85, Astigmatic Keratotomy and Peripheral Corneal Relaxing Incisions, David R. Hardten, Daniel H. Chang

1. Astigmatic Keratotomy and Peripheral Corneal Relaxing Incisions

Chapter 86, Conductive Keratoplasty, Richard L. Lindstrom, H.L. Rick Milne, Michael Gordon

1. Conductive Keratoplasty

Chapter 89, Comparison of Lasers for Excimer Laser Vision Correction, David R. Hardten, Scott G. Hauswirth

1. Comparison of Lasers for Excimer Laser Vision Correction

Chapter 95, Comparative Analysis of Mechanical and Laser Microkeratomes, John F. Doane, Randolph T. Jackson, Stephen G. Slade

1. Mechanical Microkeratomes versus Laser Keratomes

Chapter 96, Femtosecond Laser-Assisted Corneal Surgery, Qais A. Farjo, Ayad A. Farjo

1. Femtosecond laser-based flap creation with the LASIK procedure
2. Opaque bubble layer formation during femtosecond laser flap creation
3. Femtosecond laser-based flap creation and LASIK with previous radial keratotomy
4. Femtosecond laser-assisted insertion of intracorneal ring segments
5. Femtosecond laser-assisted anterior lamellar keratoplasty
6. Broken suction during femtosecond laser-based flap creation

Chapter 97, Eximer Laser Enhancements, Frederick S. Brightbill

1. Eximer Laser Enhancements

Chapter 100, Phakic Posterior Chamber Lens (pPIOL), Michael A. Lawless, Christopher Hodge

1. Phakic Posterior Chamber Lens (pPIOL)

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PREFACE

The 'face' and 'faces' of this Fourth Edition text for 2008 have changed as the reader will note immediately on viewing our front cover. In the hope of appealing to a broader international readership, we are joined by Olivia Serdarevic (Paris and New York) and Charles McGhee (Auckland, New Zealand). Peter McDonnell (Baltimore) and Ayad Farjo (Ann Arbor) complement our editorship, which seemed an increasingly daunting task involving three continents and our book publisher across the Atlantic. Add in the mix of an older editor (FSB) trying to keep up with the world of multiple contributors, frequently changing e-mail addresses, along with on-line manuscript corrections, and the task seemed overwhelming.

This book arose 22 years ago from an Eye Bank Association of America meeting in San Diego when keratoplasty began to flourish and eye banks created more stringent standards and were led by fellowship-trained corneal surgeons. We trained and were mentored by outstanding corneal surgeons and influenced directly by the likes of Dohlman, Kaufman, Laibson, Fine, Peyton, Polack, Troutman, Maumenee, Castroviejo and indirectly by Paufigue and Rycroft among others.

The publication of Krachmer, Mannis and Holland's first and second editions of *Cornea* stands as a monument to absolutely the best of our current generation of corneal specialists with much to tell us about both the medical and surgical aspects of the diagnosis and treatment of corneal disease. Our mutual publishing company Elsevier suggested that this text should accentuate the surgical aspects of the cornea, and we have achieved this. In doing so we have strived to retain appropriate research chapters which aide our understanding of corneal anatomy and physiology.

This Fourth Edition again utilizes marvelous additional illustrations of Laurel Cook Lhowe to emphasize surgical technique and there is a return to color figures throughout the text. The refractive surgery portion of *Cornea Surgery* has been extensively revised and lengthened with Section Four reviewing 'Endothelial keratoplasty' and Part Six providing in-depth coverage of 'Surgical Correction of Refractive Errors'. The reader will note the retention of previous edition upgraded chapters such as 'Penetrating Keratoplasty' but the loss of all but one eye-banking chapter. Eye banks under the direction of the Eye Bank Association of America in fact have not disappeared—to the contrary we use them more than ever as they take on additional roles such as processing tissue for lamellar keratoplasty.

So as to not forget the lessons of the past; Peter Laibson, both in his lecture in Chicago two years ago, and in Chapter One of this text, has provided historical perspective on modern day corneal surgery.

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July, 2008

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DEDICATION

To the researchers, clinicians, teachers and patients—past and present—who have clarified our understanding of cornea and anterior segment function, leading us to remarkable new surgeries for treating disease and improving vision.

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