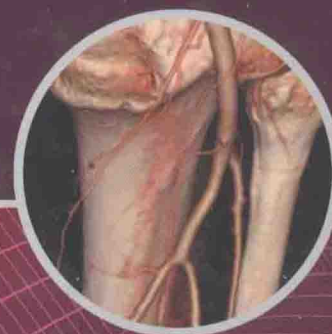
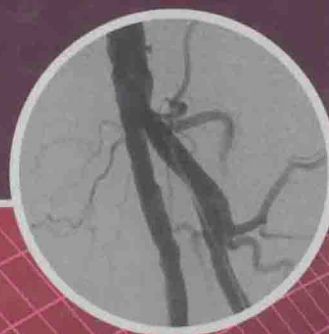
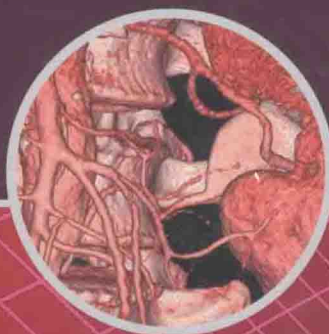


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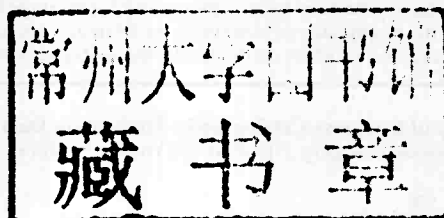
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ENDOVASCULAR SURGERY

ISBN: 978-1-4160-6208-0

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Library of Congress Cataloging-in-Publication Data

Endovascular surgery / [edited by] Wesley S. Moore, Samuel S. Ahn. --
4th ed.

p.; cm

Includes bibliographical references and index.

ISBN 978-1-4160-6208-0 (hardcover : alk. paper)

1. Blood-vessels--Endoscopic surgery. 2. Angioscopy. 3. Angioplasty

I. Moore, Wesley S. II. Ahn, Samuel S.

[DNLM: 1. Vascular Surgical Procedures--methods. 2. Angioplasty,
Balloon--methods. 3. Endoscopy--methods. WG 170]

RD598.5.E53 2011

617.4'130597--dc22

2010039799

Acquisitions Editor: Judith Fletcher

Developmental Editor: Rachel Yard

Publishing Services Manager: Anne Altepeter

Senior Project Manager: Beth Hayes

Marketing Manager: Cara Jespersen

Design Direction: Lou Forgiione

Printed in the United States of America

Last digit is the print number: 9 8 7 6 5 4 3 2 1

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Preface

Endovascular surgery and other catheter-based interventions are taking on an increasingly important role in the management of patients with vascular disease. Vascular surgeons and interventionalists alike are recognizing the importance of this therapeutic modality and are constantly seeking training and updates to fully make use of these treatment options in their daily practice. When the first two editions of this book were prepared, there were a limited number of vascular surgeons with sufficient experience to contribute chapters. Since then, the situation has changed considerably. In the third edition, as well as the current fourth edition, every chapter has been written by a vascular surgeon, thus emphasizing the emerging role of the vascular surgeon in this important and expanding field. Currently, it is estimated that endovascular surgery represents 50% to 70% of the average vascular surgeon's practice.

The field of endovascular surgery has progressed significantly since the third edition. The fourth edition reflects this progress and maturation. For example, the promising laser angioplasty and atherectomy technology that was discussed in the second edition was dropped in the third edition because of disappointing results; however, it is reintroduced in the fourth edition to reflect recent clinically relevant developments. Aortic stent grafting has taken on an even more important position, particularly concerning fenestrated endografts and the combined open and endovascular hybrid techniques for thoracic and abdominal aneurysms and dissections. In addition to complete updates of prior chapters, interventional management of superficial and deep venous disease has been greatly expanded.

The book has kept its major sections, which include general principles, imaging, and the various therapeutic modalities. Sections are also broken out anatomically to address the variety of endovascular techniques appropriate for each anatomic location (such as the aortoiliac system, the infrainguinal arteries, the visceral arteries, and the supra-aortic trunks). The management of specific problems (such as vascular graft thrombosis, endografting for aneurysms and traumatic injuries, dialysis access salvage, and venous surgery) are updated with real and promising developments. We have also added a new section of representative instructional case presentations, featuring integrated clinical and angiographic data. These case presentations reinforce the thinking process that go into clinical decision-making. *Color versions of many of the illustrations can be found at <http://www.expertconsult.com>.*

This book is designed to meet the needs of those who are first entering the field as well as experienced endovascular surgeons who wish to update their skills and have access to a current database of results. To accomplish these objectives, the text covers the basic technical aspects of a variety of procedures in all anatomic locations, except for of heart and intracranial circulation. Individual chapters are prepared to stand alone so that the text can be used as a data resource. When several interventional options are available for a given lesion, the immediate and long-term results are compared and the advantages and disadvantages of each technique are discussed. Finally, pharmacologic adjuncts and methods to prevent intimal hyperplasia and late failure are addressed.

It is the editors' expectation that this book will be comprehensive and up-to-date and will serve the needs of the vascular specialist for several years to come.

Wesley S. Moore
Samuel S. Ahn

Contents

I

GENERAL PRINCIPLES

1. The Concept of Endovascular Surgery 3
Wesley S. Moore
2. Preparing the Endovascular Operating Room Suite 5
Colleen M. Johnson, Kim J. Hodgson
3. Training and Credentialing 21
Ali Khoynzhad, Rodney A. White
4. Radiation Physics and Radiation Safety 27
Thomas F. Panetta, Luis R. Davila-Santini, Arthur Olson
5. Reducing Radiation Exposure During Endovascular Procedures 41
Evan C. Lipsitz, Frank J. Veith, Takao Ohki
6. Arterial Access 49
George Andros
7. Guidewires, Catheters, and Sheaths 59
Michael B. Silva, Jr., Charlie C. Cheng
8. Balloon Angioplasty Catheters 71
Niten H. Singh, Peter A. Schneider
9. Peripheral Atherectomy 81
Donald T. Baril, Rabih A. Chaer
10. Vascular Stents 89
Feng Qin, Thomas F. Panetta
11. Laser Atherectomy 107
Julia F. Chen, Kenneth R. Kollmeyer, Samuel S. Ahn
12. Percutaneous Thrombectomy and Mechanical Thrombolysis Catheters 117
Jeffrey Wang, Elliot L. Chaikof
13. Principles of Thrombolysis 129
Vikram S. Kashyap, Kenneth Ouriel
14. Arterial Closure Devices 139
W. Anthony Lee

II

IMAGING

15. Duplex Ultrasonography 151
J. Dennis Baker
16. Vascular Laboratory Surveillance After Arterial Intervention 157
Dennis F. Bandyk
17. Computed Tomographic Scanning 165
Mark F. Fillingner
18. Computed Tomographic Angiography in Peripheral Arterial Occlusive Disease 179
Nicolas A. Nelken
19. Magnetic Resonance Imaging and Angiography 195
Grace J. Wang, Harold Litt, Jeffrey P. Carpenter
20. Angiography 209
Robert J. Feezor, James Caridi, Irvin Hawkins, Jr., James M. Seeger[†]
21. Intravascular Ultrasound 227
Arash Keyhani, George Kopchock, Rodney A. White
22. Duplex-Guided Intrainguinal Interventions 239
Enrico Ascher, Anil P. Hingorani, Natalie Marks

III

AORTOILIAC ARTERIAL OCCLUSIVE DISEASE

23. Thrombolysis in Aortoiliac Arterial Occlusive Disease 253
Edward B. Diethrich, Donald B. Reid
24. Balloon Angioplasty in Aortoiliac Arterial Occlusive Disease 261
Kristofer M. Charlton-Ouw, Mark G. Davies, Alan B. Lumsden
25. Intravascular Stenting in Aortoiliac Arterial Occlusive Disease 271
Kristofer M. Charlton-Ouw, Mark G. Davies, Alan B. Lumsden
26. Endovascular Grafting in Aortoiliac Arterial Occlusive Disease 285
Daniel Silverberg, Michael L. Marin
27. Complications Associated With Endovascular Management of Aortoiliac Arterial Occlusive Disease 293
Juan Carlos Jimenez

IV

INFRAINGUINAL ARTERIAL OCCLUSIVE DISEASE

28. Balloon Angioplasty and Stenting for Femoral-Popliteal Occlusive Disease 301
Brian G. DeRubertis
29. Peripheral Arterial Atherectomy for Intrainguinal Arterial Occlusive Disease 309
Jacob Buth, Alexander V. Tielbeek
30. Endarterectomy in Intrainguinal Arterial Occlusive Disease 319
Suzanne S. Gisbertz, Jean-Paul de Vries, Frans L. Moll

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31. Stent-Grafting for Infrainguinal Arterial Occlusive Disease 325
Brian G. DeRubertis
32. Endovascular Management of Infrapopliteal Occlusive Disease 333
Daniel M. Ihnat, Joseph L. Mills, Sr.
33. Complications and Their Management After Endovascular Intervention in Infrainguinal Arterial Occlusive Disease 341
Evan C. Lipsitz, Brian N. King
44. Endovascular Repair of Abdominal Aortic Aneurysm: Comparative Technique and Results of Currently Available Devices 467
Jon S. Matsumura, Colleen L. Jay
45. Endovascular Repair of Ruptured Abdominal Aortic Aneurysms 479
Frank J. Veith, Nicholas J. Gargiulo III, Neal S. Cayne
46. Iliac Artery Aneurysms 487
Michael Wilderman, Luis Sanchez
47. Endovascular Management of Anastomotic Aneurysms 497
Karthikeshwar Kasirajan
48. Endovascular Treatment of Vascular Injuries 505
Jagajan Karmacharya, Sheela T. Patel, Omaid Velazquez, Juan C. Parodi
49. Endovascular Treatment of Visceral Artery Aneurysms 521
Todd D. Reill, Alexander Gevorgyan, Juan Carlos Jimenez, Samuel S. Ahn
50. Endovascular Management of Popliteal Aneurysms 529
Timothy K. Liem, Gregory J. Landry
51. Combined Endovascular and Surgical Approach to Thoracoabdominal Aortic Pathology 535
William J. Quinones-Baldrich
52. Endovascular Repair of Abdominal Aortic Aneurysm Using Fenestrated Grafts 553
Tara M. Mastracci, Roy K. Greenberg
53. Repair of Thoracoabdominal Aortic Aneurysms Using Branched Endografts 559
Timothy A. M. Chuter, Linda M. Reilly
54. Endovascular Repair of Acute and Chronic Thoracic Aortic Dissections 567
Karthikeshwar Kasirajan
55. Endovascular Repair of Aortic Arch Aneurysm Using Supra-Aortic Trunk Debranching 579
Edward B. Diethrich, Julio A. Rodriguez-Lopez, Dawn Olsen, Venkatesh J. Ramiah, Grayson H. Wheatley, Khalid Irshad, Donald B. Reid
56. Management of Complications After Endovascular Abdominal Aortic Aneurysm Repair 587
Sharif Ellozy, Daniel Silverberg

V

VISCERAL ARTERIAL OCCLUSIVE DISEASE

34. Endovascular Treatment of Renovascular Disease 359
Douglas B. Hood, Kim J. Hodgson
35. Mesenteric Syndromes 367
Daniel Clair

VI

SUPRA-AORTIC TRUNK DISORDERS

36. Subclavian and Vertebral Arteries: Angioplasty and Stents 387
Marc Bosiers, Koen Deloose, Jurgen Verbist, Patrick Peeters
37. Innominate and Common Carotid Arteries: Angioplasty and Stents 393
Brian G. DeRubertis
38. Carotid Bifurcation Stented Balloon Angioplasty With Cerebral Protection 405
Karthikeshwar Kasirajan, Peter A. Schneider
39. Complication Management in Carotid Stenting 421
Kenneth V. Snyder, Sabareesh K. Natarajan, Adnan H. Siddiqui, Elad I. Levy, L. Nelson Hopkins

VII

VASCULAR GRAFT THROMBOSIS

40. Aortoiliac Graft Limb Occlusion: Thrombolysis, Mechanical Thrombectomy 433
Ramyar Gilani, Vikram S. Kashyap
41. Femoral-Popliteal Tibial Graft Occlusion: Thrombolysis, Angioplasty, Atherectomy, and Stent 439
Paul M. Anain, Samuel S. Ahn
42. Brachiocephalic Graft Occlusion 447
Jon S. Matsumura, Colleen L. Jay

VIII

ANEURYSMAL DISEASE AND TRAUMATIC INJURIES

43. Endovascular Repair of Thoracic Aortic Aneurysms 457
Joel E. Barbato, Jae S. Cho, Michael S. Makaroun

IX

DIALYSIS ACCESS SALVAGE

57. Duplex Ultrasound Surveillance of Dialysis Access Function 601
Joe P. Chauwapum, Martin R. Back, Dennis F. Bandyk
58. Percutaneous Thrombectomy Devices in Thrombosed Dialysis Access 613
Nicolas A. Nelken
59. Thrombolysis in Dialysis Access Salvage 625
Daniel I. Obrand, Reda Jamjoom
60. Clinical Decision Making and Hemodialysis Graft Thrombosis 629
Hugh A. Gelabert

61. Central Venous Catheter Malfunction 641

Hugh A. Gelabert

X

VENOUS DISEASE

62. Catheter-Directed Thrombolysis for Lower-Extremity Acute Deep Venous Thrombosis 653
Anthony J. Comerota
63. Inferior Vena Cava Filter Placement 663
Nirav Patel, Anil P. Hingorani, Enrico Ascher
64. Pulmonary Thrombolysis 669
Anthony J. Comerota, Subhash Thakur
65. Axillosubclavian Vein Thrombectomy, Thrombolysis, and Angioplasty 679
Samuel S. Ahn, Milton Conley, Justin S. Ahn
66. Catheter-Directed Therapy of Superior Vena Cava Syndrome 687
Vikram S. Kashyap, Gregory Pierce
67. Iliofemoral and Inferior Vena Cava Stenting in Chronic Venous Insufficiency 695
Seshadri Raju, Peter Neglen
68. Endovascular Ablation of Veins 707
Richard Brad Cook, David A. Rigberg
69. Endoscopic and Percutaneous Techniques for Treatment of Incompetent Perforators 715
Peter Gloviczki, Alessandra Puggioni

XI

ENDOSCOPIC VASCULAR SURGERY

70. Thoracoscopic Dorsal Sympathectomy 727
Samuel S. Ahn, Kyung M. Ro, Cecilia K. Wieslander
71. Laparoscopic Aortic Surgery 737
Willem Wisselink, Miguel Cuesta, Jeroen Diks, Hans Coveliers
72. Endoscopic Vein Harvest 745
Juan Carlos Jimenez, Joshua C. Smith

XII

MISCELLANEOUS ENDOVASCULAR TECHNIQUES

73. The Transjugular Intrahepatic Portosystemic Shunt Procedure for Portal Hypertension 753
Jeffrey Jim, David Rigberg
74. Anesthetic Management for Endovascular Procedures 761
Kenneth Kuchta, Jordan D. Miller
75. The Use of Embolization Techniques in Endovascular Surgery 769
Brian G. DeRubertis
76. Cell Therapy Strategies to Treat Chronic Limb-Threatening Ischemia 779
Darwin Eton
77. Billing and Coding in an Endovascular Practice 799
Sean P. Roddy
78. Pharmacologic Adjuncts to Endovascular Procedures 807
Peter F. Lawrence