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Autore	Hans Sachinder Singh
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Nota di contenuto	Symptomatic Proximal Anastomotic Pseudoaneurysm of Suprarenal Aorta -- Repair of Juxtarenal Abdominal Aortic Aneurysm With Aortorenal Bypass -- Abdominal Aortic Aneurysm Repair in a Patient With Celiac Artery Occlusion and a Large Inferior Mesenteric Artery -- Abdominal Aortic Aneurysm Repair in a Patient With a Pelvic Kidney -- Open Repair of Abdominal Aortic Aneurysm in a Patient With Double Inferior Vena Cava -- Mycotic Aneurysm of the Abdominal Aorta -- Open Abdominal Aortic and Iliac Aneurysm Repair in a Patient With Cirrhosis of the Liver -- Major Venous Injury During Repair of Abdominal Aortic and Iliac Aneurysm -- Secondary Aortoduodenal Fistula Following Abdominal Aortic Aneurysm Repair -- Open Repair of an Inflammatory Abdominal Aortic Aneurysm -- Right Subhepatic Approach for Inflammatory Aortic Aneurysm in a Patient With Scoliosis -- Large Symptomatic Abdominal Aortic Aneurysm -- Abdominal Aortic Aneurysm in a Patient With Chronic Lymphocytic Leukemia -- Inflammatory Abdominal Aortic Aneurysm Presenting With Testicular Pain -- Abdominal Aortic Aneurysm Repair in a Patient With Factor VII

Deficiency -- Open Repair of Ruptured Abdominal Aortic Aneurysm Complicated by Pancreatitis and Duodenal Obstruction -- Rupture of Abdominal Aortic Aneurysm in a Patient With a Horseshoe Kidney -- Rupture of Pararenal Aortic Aneurysm -- Rupture of Abdominal Aortic Aneurysm With Tear of Inferior Vena Cava in a Patient With Prior Endograft -- Prosthetic Graft Infection Following Open Repair of Ruptured Abdominal Aortic Aneurysm -- Open Repair of Common Iliac Artery Aneurysm -- Open Repair of Ruptured Common Iliac Artery Aneurysm -- Open Repair of Ruptured Mycotic Aneurysm of the Common Iliac Artery -- Rupture of Hypogastric Artery Aneurysm -- Contained Rupture of Femoral Anastomotic Aneurysm -- Open Repair of Right Common Femoral Artery Aneurysm -- Open Repair of Contained Rupture of Right Popliteal Aneurysm -- Open Repair of Giant Recurrent Popliteal Aneurysm -- Open Repair of Large Symptomatic Subclavian-Axillary Artery Aneurysm With Partial Claviculectomy -- Repair of Extracranial Carotid Artery Aneurysm With Mandibular Subluxation -- Open Repair of the Superior Mesenteric Artery Aneurysm -- Resection of a Malignant Carotid Body Tumor With Carotid Artery Resection -- Resection of a Large Carotid Body Tumor With Mandibular Subluxation -- Infected Dacron Patch Following Carotid Endarterectomy -- Carotid Endarterectomy for a Recent Minor Stroke -- Carotid Endarterectomy With Mandibular Subluxation -- Carotid Endarterectomy With Intra-Operative Stroke Due to Plaque Embolization During Shunt Insertion -- Intracerebral Hemorrhage Following Carotid Endarterectomy -- Carotid Endarterectomy for Symptomatic Radiation Induced Carotid Stenosis -- Nonconvulsive Status Epilepticus Following Carotid Endarterectomy -- Carotid Endarterectomy Followed by Retrieval of Plaque Embolus from M-1 Segment of Middle Cerebral Artery -- Redo Carotid Endarterectomy for Recurrent Atherosclerotic Carotid Stenosis -- Carotid Interposition Graft in a Patient With Prior Carotid Stenting for Acute Stroke -- Carotid Endarterectomy in a Patient With Recent Minor Stroke Due to Unstable High Plaque -- Redo Aorto-Bifemoral Graft -- Aorto-Bifemoral Graft in a Patient With Horseshoe Kidney -- Spiral Vein Graft for Radiation Induced Right Common and External Iliac Artery Occlusion -- Infected Aorto-Bifemoral Graft -- Aorto-Femoral Graft -- A 30 Year Follow-Up -- Aorto-Femoral Grafting for Infra-Renal Aortic Occlusion -- Exposed Femoral Graft Following Multiple Arterial Reconstruction -- Complications (Early and Late) of Aorto-Femoral Grafting -- Mesenteric Revascularization in Patients With Acute on Chronic Bowel Ischemia -- Femoral-Peroneal Bypass for Critical Limb Ischemia in a Patient With Unstable Angina -- Femoral-Peroneal Bypass for Severe Calcific Disease Using Tourniquet Occlusion -- Femoral Distal Posterior Tibial Bypass for Established Gangrene -- Autogenous Composite Vein Bypass for Redo Infrainguinal Arterial Reconstruction -- Repeat Femoral Posterior Tibial Bypass Using Spliced Cephalic Vein -- Management of a Patient With Complicated Adventitial Cystic Disease of the Popliteal Artery -- Popliteal Venous Pseudoaneurysm and Associated Arteriovenous Fistula Following Knee Arthroscopy -- Endovascular Aneurysm Repair in a Patient With Severe Aortic Neck Angulation Using Aorfix™ Device -- Endovascular Aneurysm Repair in a Patient With Short Aortic Neck With Use of EndoAnchors -- Endovascular Aneurysm Repair Followed by Multiple Interventions for Endoleaks -- Aortic Neck Rupture During Endovascular Aneurysm Repair in a Patient With a Horseshoe Kidney -- Exposed Graft in the Groin Following Crossover Femoral-Femoral Graft and Aorto-Uniiliac Stent Graft -- Endovascular Aneurysm Repair for Abdominal Aortic Aneurysm, Bilateral Common Iliac Artery Aneurysm, and Left Hypogastric Aneurysm With Right Iliac Branch EXCLUDER®

Device -- Endovascular Aneurysm Repair With Late Graft Limb Occlusion -- Endovascular Aneurysm Repair for Ruptured Abdominal Aortic Aneurysm -- Ruptured Abdominal Aortic Aneurysms in Patient With Type III Endoleak Following Endovascular Aneurysm Repair With Endologix Graft -- Ruptured Abdominal Aortic Aneurysm Due to Type 1B Endoleak -- Ruptured Abdominal Aortic Aneurysm Secondary to Delayed Type 1A Endoleak -- Endovascular Repair for Ruptured Abdominal Aortic Aneurysm in a Patient With Antecedent Endograft -- Endovascular Repair of Large Left Iliac Anastomotic Aneurysm Following Open Abdominal Aortic Aneurysm Repair -- Endovascular Repair of a Large Hypogastric Aneurysm Following Open Repair of Abdominal Aortic Aneurysm -- Endovascular Repair of Hypogastric Artery Aneurysm in a Patient With Prior Endovascular Aneurysm Repair -- Endovascular Aneurysm Repair for Symptomatic Abdominal Aortic Aneurysm Followed by Thoracic Endovascular Aneurysm Repair Complicated by Type IB Endoleak -- Thoracic Endovascular Repair for Ruptured Aberrant Right Subclavian Artery Aneurysm Without Subclavian Artery Revascularization -- Management of Stent Graft Thrombosis for Popliteal Aneurysm Following Partial Knee Arthroplasty -- Endovascular Repair of a Large Ruptured Popliteal Aneurysm -- Endovascular Repair of Splenic Artery Aneurysm -- Carotid Stenting for Symptomatic Carotid Restenosis Secondary to Myointimal Hyperplasia -- Carotid Artery Stenting for Symptomatic Radiation Induced Carotid Stenosis -- Carotid Stenting for Carotid Interposition Vein Graft Stenosis -- Carotid Artery Stenting for Recurrent Internal Carotid Artery Stenosis With Contralateral Internal Carotid Artery Occlusion -- Carotid Stenting and Redo Carotid Endarterectomy in Patient With Bilateral Recurrent Carotid Stenosis with Type III Aortic Arch -- Iliac Stenting for Chronic Total Occlusion Using Brachial Artery Access -- Covered Stent Placement for Flush Occlusion of Common Iliac Artery – A 12 Year Follow Up -- Covered Iliac Stenting for Acute on Chronic Ischemia Following Thoracotomy -- Management of Iliac Stent Thrombosis -- Iliac Stenting Complicated by Iliac Artery Rupture -- Aortic Stenting for Isolated Aortic Stenosis at the Level of the Inferior Mesenteric Artery -- Covered Bilateral Iliac Artery Stenting With Extension Into Common Iliac Arteries for Near Occlusion of Distal Aorta -- Percutaneous Intervention for Infrainguinal Arterial Occlusive Disease With Heel Ulcer -- Angioplasty for Femoral-Tibial In Situ Vein Bypass Stenosis -- Management of Radiation Induced Superior Mesenteric Artery Stenosis With Small Bowel Ischemia -- Superior Mesenteric Artery In-Stent Restenosis -- Endovascular Treatment of Symptomatic Celiac and Superior Mesenteric Artery Occlusive Disease -- Renal Artery Stenting for Renal Vascular Hypertension in a Patient With Solitary Kidney -- Subclavian Artery Stenting for Ischemic Left Index Finger -- Acquired Arteriovenous Fistula of the Axillary Artery -- 100 Multiple Choice Questions.

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## Sommario/riassunto

This book presents 100 challenging cases encountered in vascular surgery practice that were selected from the author's vascular registry of 7,000 vascular reconstructions (endovascular and open). Chapters include difficult surgical problems of patients with aortic, visceral and peripheral arterial aneurysms, with expert management of mycotic, inflammatory and ruptured aneurysms and major complications like aorto-duodenal fistula, graft infection or inferior vena cava injury. These reconstructions are representative of the "real world" experience of vascular surgery in the United States, and the selection of cases were based on either difficulty with case selection, or complex operative or an endovascular technique. The natural history of vascular reconstructions often leads to secondary reconstructions, which are far

more complex and therefore are included in significant numbers in this text. Both good and unsatisfactory results have been included and the lessons learned from the poor outcomes are emphasized. Invited commentaries from leading experts in the field have been added to a few chapters offering an alternate viewpoint in the management of patients with complex pathology. Challenging Arterial Reconstructions: 100 Clinical Cases serves as an invaluable resource to vascular surgeons that are learning or regularly performing open surgical or endovascular interventions.

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