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Descrizione fisica	1 online resource (XVII, 574 p. 753 illus., 158 illus. in color.)
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Nota di contenuto	Vascular Instruments -- Vascular Grafts, Patches, and Sutures -- Vascular Anatomy and Exposures -- Basic Steps in Vascular Reconstructions -- Hemostasis -- Thrombectomy-Embolectomy -- Endarterectomy -- Closure of an Arteriotomy -- End-to-Side Anastomosis -- End-to-End Anastomosis -- Side-to-Side Anastomosis -- Adjunctive Techniques: Proximal Anastomosis of an Infrainguinal Bypass -- Adjunctive Techniques: Distal Anastomosis of an Infrainguinal Prosthetic Bypass -- Infrarenal Abdominal Aortic Aneurysm Replacement: Proximal Anastomosis -- Thoracoabdominal Aortic Aneurysm Replacement: Proximal Anastomosis -- Pelvic Revascularization During Aortic Reconstruction -- Inferior Mesenteric Artery (IMA) Reimplantation, Handling of Left Renal Vein -- Coverage of Abdominal Aortic Grafts -- Basic Angiography: Radiation Safety, Power Injector Use, and Image Intensifier Positioning -- General Considerations for Endovascular Access -- Wires, Sheaths, and Catheters -- Balloons: Plain, Drug-coated, and Cutting -- Endovascular Stenting -- Adjunctive Endovascular Tools -- The Use of Preoperative Imaging for Planning Endovascular and Hybrid Procedures -- Aortoiliac Occlusive Disease: Endovascular Management -- Peripheral Vascular Disease II: Infrainguinal Disease and Atherectomy -- Renal Artery and Visceral Artery Endovascular Interventions -- Endovascular Treatment of Carotid and Subclavian Artery Stenosis -- Endovascular Aortic Repair (EVAR and TEVAR) -- Endovascular Therapy for Thoracic Aortic

Dissection and Intramural Hematoma -- Fenestrated and Branched Endografts -- Deep Vein Thrombosis and Pulmonary Embolus Thrombolysis and Endovascular Treatment -- Great Saphenous Vein Endovenous Treatment -- IVC Filter Placement and Removal -- Miscellaneous Helpful Techniques.

Sommario/riassunto

When the first edition of *Vascular Reconstructions* was published almost twenty years ago, endovascular surgery was still in its infancy. Endovascular approaches became the preferred initial intervention for many vascular pathologies resulting in a major decrease in open vascular surgical procedures. In order to build upon changes in the management of vascular pathology over the past two decades, this second edition of *Vascular Reconstructions* was conceived. The first part starts with a review of commonly used vascular instruments and an overview of grafts and sutures used in vascular reconstructions. A detailed chapter on vascular anatomy and exposures is provided to serve as a quick reference before starting a vascular procedure. The remaining chapters in the first part of this book review the basic steps usually performed before and after constructing a vascular anastomosis in addition to thrombectomy and endarterectomy. The second part of this book focuses on the various methods used to conduct a vascular reconstruction, which include primary closure, closure with a patch angioplasty, end-to-end, end-to-side, and side-to-side anastomoses. The various possible modifications used are outlined. The third part of this book reviews the various adjunctive methods used when constructing the proximal or distal anastomoses of an infrainguinal bypass. The fourth part of the book reviews the various modifications that are carried out when constructing the proximal and distal anastomoses of an aortic occlusive or aneurysmal pathology. The vascular anastomoses workshop that inspired the conception of this book is included as an appendix. The fifth part focuses on endovascular therapy and imaging. *Vascular Reconstructions: Anatomy, Exposures, and Techniques 2nd Edition* aims to make the vascular rotation a pleasant experience for surgical residents, the vascular faculty, recent graduates embarking on conducting vascular reconstructions independently, and healthcare providers who wish to be familiar with the various steps involved in conducting a vascular procedure.
