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Altri autori (Persone)	WangLu ZhangZe
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Nota di contenuto	Foreword 1 -- Foreword 2 -- Serving the good of the patient in cardiovascular implantology: The 3Bs' concept shall be heralded as the way to go -- Blood conduits for implantation in open surgery: From infancy to maturity -- Peripheral arterial disease: What you need to know -- Accessibility to treatment of all aortic side branches in endovascular aneurysm repair -- The SETA-Latecba stent graft: An Odyssey -- The docking zone in stent-grafts deployed transrenally: Expression of fibrinolytic activators and inhibitors in the internal capsule lying over the aorta -- Early adverse events following the deployment of Cook-Zenith stent-graft in the descending thoracic aorta: Examination of the explanted devices -- The challenge of the RVOT reconstruction: From palliative surgery to therapeutic advances -- The Ross procedure: A detailed analysis of the explanted valve and the polyester reinforcement prosthesis to tentatively explain adverse events -- Investigation of explanted bioprosthetic heart valves: A comprehensive evaluation platform -- Pericardia are still the most select sources to manufacture percutaneous heart valves --

Conclusion: How to select a peripheral vascular device? A clinician's dilemma -- Postface: Spectacular achievements of Donghua University / Université Laval collaboration in education and research.

Sommario/riassunto

This book matches the most appropriate usage of implants commercially available with the indications for the operations based upon solid diagnostics. Topics covered include an in-depth analysis of the SETA-LATECBA stent-graft and the rapid maturation of stent-graft technology. The challenge of the RVOT reconstruction is also analyzed along with the investigation of vascular grafts at reoperation. Textile fabrics and material selection of heart valves is also covered, with a section devoted to how to prioritize material selection. This is an ideal book for students and surgeons studying medicine and biomedical engineering, industry professionals working in R&D, as well as regulatory agencies, such as the FDA, SFDA, and Bureau of Medical Devices.
