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Titolo	Mastering Endovascular Techniques : Tips and Tricks in Endovascular Surgery // edited by George Geroulakos, Efthymios Avgerinos, Jean Pierre Becquemin, Gregory C. Makris, Alberto Froio
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Section I -- Biological effects of ionizing radiation -- Principles and guidelines for radiation protection -- Section II -- Introduction in Endovascular Techniques -- The Angiographic Suite -- Basic tools and terminology for endovascular interventions -- Principles, sites and techniques of vascular access -- Techniques and devices for vessel closure -- Contrast media, nephropathy and prophylaxis -- Balloons and percutaneous transluminal balloon angioplasty -- Stents and percutaneous transluminal stent angioplasty -- Recanalization techniques -- Deep venous arterIALIZATION technique -- Embolic materials and embolization techniques -- Section III - Peripheral Occlusive Disease -- Interventions for aortoiliac disease -- Interventions for femoropopliteal disease -- Interventions for Tibial Disease -- Interventions for pedal disease -- Atherectomy and calcium modifying devices -- Novel endovascular technologies in femoropopliteal disease -- Complications and management in peripheral interventions -- Antiplatelets and anticoagulation in

peripheral interventions -- Follow up and surveillance after peripheral interventions -- Endovascular management of acute limb ischemia -- Section IV – Cerebrovascular Disease -- Angioplasty and stenting of the arch branches -- Carotid artery stenting – Studies, indications and pre-interventional workup -- Technique and complications of transfemoral stenting -- Introduction to transcatheter aortic valve replacement -- Intracranial stenting -- Endovascular management of acute ischemic stroke -- Arch vessels dissection -- Embolizing cerebral aneurysms and arteriovenous malformations -- Section V – Splanchnic Arteries -- Angioplasty and stenting of the mesenteric arteries -- Angioplasty and stenting of the renal arteries -- Endovascular management of splanchnic aneurysms -- Section VI – Peripheral Aneurysms -- Current thresholds for treating aneurysms -- Endovascular management of popliteal aneurysms -- Peripheral Pseudoaneurysms -- Section VI – Vascular Access -- Creating a percutaneous arteriovenous fistula: Evidence and techniques -- Hybrid grafts in vascular access -- Access and lines -- Endovascular techniques to manage vascular access failure -- Section VII – Coronary disease -- Introduction to coronary angioplasty -- Transcatheter aortic valve implantation -- Transcatheter mitral valve repair -- Atrial septal defect – Left atrial appendage -- Section VIII – Aortic Aneurysm -- Endovascular management of abdominal aortic aneurysms – EVAR studies -- Patient selection for EVAR -- Preprocedural planning and measurements for EVAR -- Interpretation of aortic MDCT images -- Introduction to endografts for infrarenal AAAs -- The role of Aortouniliac endografts -- Suprarenal vs Infrarenal fixation -- Hostile proximal neck- Angulated, short or conical -- Difficult vascular access -- Hemodynamic principles of endografts -- Fenestrated endografts -- Branched endografts -- Iliac bifurcations grafts -- Endovascular approach to the hypogastric artery -- Optimizing imaging and radiation exposure during complex EVAR -- Rescue of proximal failure of endovascular abdominal aortic aneurysm repair with standard and fenestrated grafts -- In situ fenestration in aortic endografts -- Chimneys and Periscopes -- Thoracic aortic aneurysm repair.-Endovascular management of aortic arch disease -- TEVAR Complications -- Endovascular management of ascending aortic disease -- Endovascular management of thoracic aortic trauma -- Endovascular management of ruptured aortic aneurysms -- Endovascular management of acute aortic dissection -- Endograft occlusion -- Endoleak Type I -- Type II endoleaks -- Endoleak Types III, IV, V -- Endograft infections -- Section IX – Venous -- Endovenous ablation of truncal veins -- Foam Sclerotherapy -- Introduction to Venous Stents and principles of stenting -- IVUS guided venous recanalization -- Endovascular management of chronic venous lesions -- Endovascular management of acute iliofemoral thrombosis -- Principles and techniques for the management of pelvic congestion -- Endovascular management of subclavian vein thrombosis -- Endovascular management of acute pulmonary embolism -- Management of Venous dysplasias -- Section X – Miscellaneous -- Biostatistics 1 -- Biostatistics 2 -- Medicolegal aspects of novel interventional techniques.

Sommario/riassunto

This book provides a detailed practically applicable guide to using the latest endovascular techniques. Chapters feature detailed step-by-step instructions on how to perform procedures relevant for instances of disorders including cerebrovascular disease, splanchnic arteries, and aortic aneurysms. Multiple choice questions are provided throughout to enable the reader to identify the points covered. Mastering Endovascular Techniques: Tips and Tricks in Endovascular Surgery describes the latest endovascular methodologies and features detailed

insight on how to apply these techniques into day-to-day clinical practice. .
