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Titolo	Renal Denervation : A New Approach to Treatment of Resistant Hypertension / / edited by Richard R. Heuser, Markus Schlaich, Horst Sievert
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Descrizione fisica	1 online resource (203 p.)
Disciplina	616.61
Soggetti	Cardiology Nephrology Interventional radiology Interventional Radiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Pathophysiology: The target for renal denervation -- Physiological Rationale for Renal Denervation Therapy in Hypertension -- Preclinical Model and Histopathology Translational Medicine and Renal Denervation.- The endpoint on measuring the clinical effects of renal denervation: What are the best surrogates -- Appraisal of the Clinical Trial Data on Renal Denervation for the Management of Resistant Hypertension -- Catheter-Based Technology Alternatives for Renal Denervation: An Overview -- Medtronic ardian sympathetic™ renal denervation devices -- Sympathetic Renal Denervation Using the EnligHTN Multi-electrode Ablation System: The St Jude Experience -- ReCor Medical Paradise® Renal Denervation System -- Therapeutic Intra Vascular Ultrasound (TIVUS) -- The “OneShot” Irrigated Balloon-Mounted Spiral Electrode Renal Denervation Device -- NOVOSTE: The Brachytherapy Approach to Renal Denervation -- Perivascular Renal Denervation (PVRDTM): Chemical Renal Denervation With Micro-doses of Ethanol Using the PeregrineTM Renal Denervation Device -- Vincristine Local Delivery for Renal Artery Denervation.- NephroBlate™ Renal Denervation System: Urologic-nephrologic Based Approach to Resistant Hypertension -- Targeted renal nerve deactivation by neurotropic agents -- Boston Scientific Vessix™ Renal Denervation

System -- Radiofrequency and irrigated ablation – principles and potential for renal artery denervation (RDN) in the treatment of resistant arterial hypertension -- Renal denervation: Potential future implications beyond resistant hypertension -- Renal Denervation for Congestive Heart Failure -- Great myths of blood pressure effect size in renal denervation.- The Potential Role of Catheter-based Renal Sympathetic Denervation in Chronic and End Stage Kidney Disease -- Diabetes and Metabolic Syndrome.  
- Obstructive sleep apnea.

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#### Sommario/riassunto

This book examines renal pathophysiology and the rationale for renal denervation (RDN), a minimally invasive, endovascular catheter based procedure using radiofrequency ablation for the treatment of resistant hypertension, a leading cause of morbidity and mortality in western civilization. In addition, the possible long term benefits and risks of this new therapy are discussed together with a description of the myriad of currently available devices and approaches involved in the evolution of this treatment. Lastly, the book focuses on the cost effectiveness of renal denervation and future directions for other possible benefits. Written by world renowned leaders in the field, Renal Denervation will be of immediate use to cardiologists, nephrologists and urologists as well as allied health professionals, device companies and anyone working in this field. .

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