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Titolo	Hemodialysis Access : Fundamentals and Advanced Management // edited by Sherene Shalhub, Anahita Dua, Susanna Shin
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ISBN	3-319-40061-4
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Descrizione fisica	1 online resource (XX, 371 p. 199 illus., 137 illus. in color.)
Disciplina	617.413
Soggetti	Vascular surgery Surgery Nephrology Surgical transplantation Vascular Surgery General Surgery Transplant Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Dialysis access planning: Timing of hemodialysis access creation -- Preoperative considerations and noninvasive evaluation -- Strategies of arteriovenous dialysis access -- Peri-procedural and peri-operative considerations -- Pediatric hemodialysis access considerations. Hemodialysis access techniques: Dialysis access catheters (includes placement technique, tips and tricks) -- Direct anastomosis cephalic vein hemodialysis access -- Forearm Cephalic vein Transposition -- Basilic vein Transposition -- Hemodialysis grafts -- Alternative hemodialysis conduits -- Lower extremity hemodialysis access -- Unconventional vascular access procedures -- The Hero Device. Hemodialysis access follow-up: Management of new access from PACU to first-time use -- The immature fistula -- Duplex examination of the hemodialysis access -- Outpatient surveillance at the dialysis center -- The Natural history of hemodialysis access. Hemodialysis access complications: Understanding Intimal hyperplasia biology in

hemodialysis access -- Hemodialysis access with complications from the nephrologist's perspective -- The failing hemodialysis access: The physical exam -- Hemodialysis access percutaneous interventions -- Hemodialysis access outflow vein stenosis (including cephalic arch stenosis) -- Central venous Stenosis and occlusion -- Arterial inflow stenosis -- Hemodialysis access-related aneurysms -- The infected hemodialysis access -- The thrombosed hemodialysis access -- Poor hemodialysis access recirculation -- Hand ischemia and neuropathy -- Hemodynamic complications of hemodialysis access. Hemodialysis alternatives: Renal transplant referral and criteria -- Peritoneal dialysis. Miscellaneous topics: Current state of hemodialysis access and dialysis access initiatives -- Understanding the hemodialysis machine -- Current Hemodialysis techniques -- Hemodialysis Access Outcomes Assessment -- The outpatient dialysis access center -- Coding and billing for hemodialysis access procedures.

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### Sommario/riassunto

This comprehensive reference on the fundamentals of hemodialysis access creation and advanced management for maintenance is designed to meet the needs of all surgeons and physicians responsible for the treatment and care of patients undergoing dialysis. The book opens by discussing every aspect of dialysis access planning, including selection of the right access for the individual patient and access strategies. Hemodialysis access techniques, from the most basic to the most complex and unconventional, are then described step by step, and guidance is provided on follow-up and taking the newly created access to maturation so that it can be used for hemodialysis. Detailed attention is also devoted to the challenging management of specific complications of dialysis access surgery, including failing hemodialysis access. The closing section provides an understanding of the hemodialysis machine and the hemodialysis process itself, thus serving as a bridge between what nephrologists see and what surgeons manage. The book includes a wealth of informative, high-quality images and illustrations, and the authors are prominent, highly respected vascular surgeons, transplant surgeons, general surgeons, nephrologists, and interventional radiologists from across the United States.

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