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Titolo	Chronic kidney disease, dialysis, and transplantation : companion to Brenner & Rector's the kidney // [edited by] Jonathan Himmelfarb, T. Alp Ikizler
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Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (xii, 779 pages) : illustrations, maps
Soggetti	Hemodialysis Kidneys - Transplantation Renal Insufficiency, Chronic - therapy Renal Insufficiency, Chronic - complications Kidney Failure, Chronic - therapy Renal Dialysis Kidney Transplantation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Section 1: Chronic kidney disease. Chronic kidney disease: definitions, epidemiology, cost, and outcomes -- Measurement and estimation of kidney function -- Diabetic kidney disease -- Hypertensive kidney disease -- Chronic kidney disease in the elderly -- The pediatric patient with chronic kidney disease -- Genetic causes of chronic kidney disease -- Section 2: Complications and management of chronic kidney disease. The role of the chronic kidney disease clinic and multidisciplinary team care -- Anemia in chronic kidney disease -- Mineral bone disorders in chronic kidney disease -- Vitamin D disorders in chronic kidney disease -- Cardiovascular disease in chronic kidney disease -- Nutrition, metabolism and hormonal function in chronic kidney disease -- Inflammation in chronic kidney disease -- Sleep disorders in chronic kidney disease -- Depression and neurocognitive function in chronic kidney disease -- Medication management in chronic kidney disease -- The pathophysiology of

uremia -- Timing and initiation and modality options for renal replacement therapy -- Ethical challenges and the role of palliative care in kidney disease -- Section 3: Dialysis. Dialysis and end stage kidney disease: epidemiology, cost, and outcomes -- Principles of hemodialysis -- Vascular access -- Hemodialysis adequacy -- Hemodialysis-associated infections -- Acute complications associated with hemodialysis -- Frequent hemodialysis: physiological, epidemiological, and practical aspects -- Home hemodialysis -- Peritoneal physiology -- The utilization and outcomes of peritoneal dialysis -- Peritoneal dialysis solutions, prescription and adequacy -- Peritoneal dialysis-related infections -- Noninfectious complications of peritoneal dialysis -- Section 4: Transplantation. Transplant epidemiology, costs and outcomes -- Transplantation immunobiology -- Evaluation of donors and recipients -- Surgical management of the renal transplant recipient -- Immunosuppressive therapy -- Diagnosis and therapy of graft dysfunction -- Infection in renal transplant recipients -- Noninfectious complications after kidney transplantation -- Recurrent and de novo renal diseases after kidney transplantation -- Pediatric renal transplantation -- Chronic kidney disease in the kidney transplant recipient -- Section 5: Acute kidney injury. Acute kidney injury: epidemiology, costs and outcomes -- Metabolic and nutritional complications of acute kidney injury -- Acute kidney injury diagnostics and biomarkers -- Pharmacological interventions in acute kidney injury -- Dialytic management for acute renal failure -- Extracorporeal treatment of poisonings.

Sommario/riassunto

"From basic science to practical clinical tools, Chronic Kidney Disease, Dialysis, and Transplantation, 4th Edition provides you with the up-to-date, authoritative guidance you need to safely and effectively manage patients with chronic renal disease. Covering all relevant clinical management issues, this companion volume to Brenner and Rector's The Kidney presents the knowledge and expertise of renowned researchers and clinicians in the fields of hemodialysis, peritoneal dialysis, critical care nephrology, and transplantation - for an all-in-one, indispensable guide to every aspect of this fast-changing field"-- Publisher's description.
