

1. Record Nr.	UNINA9910686475903321
Autore	Schaefer Franz
Titolo	Pediatric kidney disease // Franz Schaefer and Larry A. Greenbaum
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	9783031116650 9783031116643
Edizione	[3rd ed. 2023.]
Descrizione fisica	1 online resource (2039 pages)
Disciplina	618.9261
Soggetti	Pediatric nephrology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1 Investigative Techniques in Pediatric Nephrology -- 1 Antenatal Assessment of Kidney Morphology and Function -- 2 Laboratory Evaluation of Renal Disease in Childhood -- 3 Imaging and Radiological Interventions in the Pediatric Urinary Tract -- 4 Molecular Diagnosis of Genetic Diseases of the Kidney - Primer for Pediatric Nephrologists -- 5 Renal Pathology and Tissue Analysis -- Part 2 Disorders of Kidney Development -- 6 Functional Development of the Nephron -- 7 Structural Development of the Kidney -- 8 Disorders of Kidney Formation -- Part 3 Ciliopathies -- 9 Ciliopathies: Their Role in Pediatric Renal Disease -- 10 Polycystic Kidney Disease: ADPKD and ARPKD -- 11 Nephronophthisis and Autosomal Dominant Interstitial Kidney Disease (ADIKD) -- Part 4 Glomerular Disorders -- 12 Hematuria and Proteinuria -- 13 Steroid Sensitive Nephrotic Syndrome -- 14 Steroid Resistant Nephrotic Syndrome -- 15 Hereditary Nephrotic Syndrome -- 16 Alport Syndrome and other Type IV Collagen Disorders -- 17 IgA Nephropathy -- 18 Membranous Nephropathy -- 19 Post-infectious and Infectious Glomerulopathies -- 20 Rapidly Progressive Glomerulonephritis -- Part 5 Complement Disorders -- 21 The Role of Complement in Disease -- 22 Atypical Hemolytic Uremic Syndrome -- 23 C3 Glomerulopathies-New -- Part 6 The Kidney and Systemic Disease -- 24 Postinfectious Hemolytic Uremic Syndrome -- 25 Renal Vasculitis in Children -- 26 Lupus Nephritis -- 27 IgA Vasculitis

Nephritis (Henoch-Schönlein purpura nephritis) -- 28 Metabolic Disorders Affecting the Kidneys -- 29 Hyperoxaluria -- 30 Cystinosis -- 31 The Kidney in Sickle Cell Disease -- 32 Diabetic Kidney Disease -- 33 Disordered Hemostasis and Renal Disorders -- Part 7 Renal Tubular Disorders -- 34 Differential Diagnosis and Management of Fluid, Electrolyte and Acid-Base Disorders -- 35 Renal Fanconi Syndromes and Other Proximal Tubular Disorders -- 36 Bartter-, Gitelman-, and Related Syndromes -- 37 Disorders of Calcium and Magnesium Metabolism -- 38 Disorders of Phosphorus Metabolism -- 39 Renal Tubular Acidosis -- 40 Diabetes Insipidus -- Part 8 Renal Neoplasia and Tubulointerstitial Disease -- 41 Pediatric Renal Tumors -- 42 Tubulointerstitial Nephritis in Children -- Part 9 Urinary Tract Disorders -- 43 Diagnosis and Management of Urinary Tract Infections -- 44 Vesicoureteral Reflux -- 45 Obstructive Uropathies -- 46 Kidney Stone Disease -- 47 Voiding Disorders in Children -- Part 10 Hypertension -- 48 Hypertension: Epidemiology, Evaluation, and Blood Pressure Monitoring -- 49 Renovascular Hypertension -- 50 Renal Hypertension: Etiology and Management -- Part 11 Acute Kidney Injury and Neonatal Nephrology -- 51 Acute Kidney Injury: Prevention and Diagnosis -- 52 Management of Pediatric Acute Kidney Injury -- 53 Neonatal Kidney Dysfunction -- Part 12 Chronic Kidney Disease -- 54 Demographics of CKD and ESRD in Children -- 55 Progression of Chronic Kidney Disease and Nephroprotective Therapy -- 56 Growth and Puberty in Chronic Kidney disease -- 57 Neurocognitive Development in Chronic Kidney Disease -- 58 Nutritional Challenges in Pediatric Kidney Disease -- 59 Anemia in Chronic Renal Disease -- 60 Disorders of Bone Mineral Metabolism in Chronic Kidney Disease -- 61 Cardiovascular Disease in Pediatric Chronic Kidney Disease -- 62 Ethical Issues in End Stage Kidney Disease -- 63 Psychosocial Issues in Children with Chronic Kidney Disease -- Part 13 Kidney Replacement Therapy -- 64 Initiation of Kidney Replacement Therapy: Strategic Choices and Preparation -- 65 Management of Peritoneal Dialysis in Children -- 66 Management of Hemodialysis in Children -- 67 Immunosuppression in Pediatric Kidney Transplantation -- 68 Non-Infectious Post-Transplant Complications: Disease Recurrence and Rejection -- 69 Prevention and treatment of infectious complications in pediatric renal transplant recipients -- 70 Long-Term Outcome of Kidney Failure in Children -- Part 14 Drugs and Toxins -- 71 Drug Use, Dosing, and Toxicity in Kidney Disease -- 72 Complementary Therapies for Renal Diseases -- 73 Environmental Nephrotoxins.

Sommario/riassunto

The extensively revised third edition of this text offers an in-depth practical guide to clinical conditions encountered in pediatric nephrology. Extensively updated disease-specific chapters offer detailed coverage of relevant basic science, diagnostic work-up, laboratory evaluation methods, appropriate management options and potential complications. Topics covered include disorders of renal development, glomerular disorders, the kidney and systemic disease, renal tubular disorders, tubulointerstitial disease, urinary tract disorders, acute kidney injury, chronic kidney disease, dialysis, kidney transplantation and hypertension. Information is also provided on important related issues, including the genetic origins of diseases, the role of complement in the pathogenesis of kidney disease, and pharmacological aspects related to the kidney. Pediatric Kidney Disease comprehensively reviews a range of clinical conditions encountered in pediatric nephrology, assisting the reader to develop their skills and improve their clinical decision-making. It is a vital resource for trainees and practicing clinicians alike and a useful reference for those preparing for pediatric nephrology board examinations. .
