

Dialysis In Children And Adolescents The Pediatric

Chronic Renal Disease, Second Edition, comprehensively investigates the physiology, pathophysiology, treatment and management of chronic kidney disease (CKD). This translational reference takes an in-depth look at CKD with no coverage of dialysis or transplantation. Chapters are devoted to the scientific investigation of chronic kidney disease, the most common problems faced by nephrologists in the management of chronic kidney disease, specific illnesses in the CKD framework, and how the management of CKD in a polycystic kidney disease patient differs from other CKD patients. This award-winning reference features a series of case studies, covering both clinical aspects and pathophysiology. Questions are open ended, progressively more difficult, and repetitive across different patient clinical problems and different chapters. The cases and questions included will be useful for medical students, residency board reviews, and clinician teaching or conference preparation. Includes case studies and questions which can be used as a teaching tool for medical students and resident Provides coverage of classification and measurement, epidemiology, pathophysiology, complications of CKD, fluid/electrolyte disorders in CKD, CKD and systemic illnesses, clinical considerations, therapeutic considerations, and special considerations

In this book we take a historic journey around the human kidney and kidney diseases. In modern times the science of immunology and pediatric immunology became more organized in the 1950s with roots traced to 19th century European scientists and clinicians. Profound progress included improved immunosuppressant medications and improved techniques (i.e., laparoscopic surgery) and beneficial policies/laws/programs. With 1,200 children and adolescents (0-19 years of age) developing end-stage renal disease (ESRD) in the United States annually, the importance of chronic dialysis and kidney transplantation has been of enormous benefit to many children and families. The risks continue and transplanted allografts do not function indefinitely and more avant-garde research is needed to sustain these children and adolescents.

During the past quarter century there has been a renaissance of interest in the use of peritoneal dialysis as the primary dialytic modality for the treatment of children with end-stage renal disease (ESRD). The development of continuous ambulatory peritoneal dialysis (CAPD) has facilitated the provision of prolonged dialysis to infants, children and adolescents and has provided pediatric nephrologists worldwide with a real opportunity to administer effective dialysis therapy to all patients afflicted with ESRD. It has been more than a decade since the initial publication of CAPD/CAPD in Children. In the interim, a great deal of clinical experience with patients receiving peritoneal dialysis has been accumulated and research efforts have substantially increased our understanding of the technique. Therefore, we felt that a second edition of CAPD/CAPD in Children was propitious to update the advances of the past decade.

Authoritative, well-written, and comprehensive textbook of clinical nephrology, combining the clinical aspects of renal disease important for daily clinical practice while giving extensive information about the underlying basic science and current evidence available. This new edition highlights the numerous changes in clinical management that have arisen as a result of recently concluded clinical trials and there are now specific formal guidelines for optimal treatment of patients. Each section of the textbook has been critically and comprehensively edited under the auspices of one of the leading experts in the field. The emphasis throughout is on marrying advances in scientific research with clinical management. Where possible treatment algorithms are included to aid patient care.

Textbook of Pediatric Psychosomatic Medicine
A Companion to Brenner and Rector’s The Kidney
Kidney Disorders in Children and Adolescents
An Interdisciplinary Team Approach with Patients on Peritoneal Dialysis and Hemodialysis
A Global Perspective of Clinical Practice
Principles and Practice
Edited by the same team that developed the successful Pediatric Dialysis and its second edition, this text features clinical management principles that are integral to the care of children receiving chronic dialysis. Each chapter is introduced by a case presentation that serves as the basis for key learning points that are clinically applicable and presented in a succinct manner. The topics included in Pediatric Dialysis Case Studies cover virtually all aspects of pediatric dialysis care and represent the efforts of an international group of experts with firsthand clinical expertise from all disciplines represented in the pediatric dialysis team. This resource is certain to help the clinician achieve improved outcomes for these often complex patients.
Paediatric Nephrology is designed to help the reader understand and manage any condition affecting the kidney in childhood. It is pocket-sized to give easy reference in the clinical setting and highlights the important issues for quick use. From history taking and urinalysis, electrolyte management, acute kidney injury and transplantation, all aspects are covered in this concise yet comprehensive guide to this specialist area. It is an invaluable reference for both the general paediatrician and the specialist on:
· history taking and examination, urinalysis and radiological investigations;
· the management of acute emergencies such asfluid, electrolyte and acid-base imbalances and acute renal failure;
· renal problems in the neonate;
· issues involving immunology, dialysis, vaccination and drug prescribing;
· key areas, such as chronic kidney disease, transplantation, and acute kidney injury. The appendix provides useful additional information and protocols. This new edition is up-to-date and evidence-based when possible. Tables and equations direct readers tothe use of relevant medication and drug dosages.

Contains expanded content on economics and outcomes of treatment, as well as acute kidney injury. Covers hot topics such as the genetic causes of chronic kidney disease, ethical challenges and palliative care, and home hemodialysis. Discusses the latest advances in hypertensive kidney disease, vitamin D deficiency, diabetes management, transplantation, and more. Provides a clear visual understanding of complex information with high-quality line drawings, photographs, and diagnostic and treatment algorithms.
Following a “how-to” approach, the long-awaited new edition of the leading dialysis reference book covers all aspects of dialysis therapy in adults and children. Nephrologists, nephrology nurses, and nephrology technicians are confronted daily with clinical situations whose resolution is not immediately apparent. This text addresses these situations, including techniques of dialysis, mechanical considerations, complications, and dialysis for various diseases. The text is clear and concise, and enhanced by numerous tables Each section features an annotated bibliography list that assists the reader in looking for more in-depth information “Members of the health care team who have at least minimal experience with hemodialysis and/or peritoneal dialysis would welcome this book as a resource to deepen their understanding of concepts related to dialysis therapies and maintain and/or improve care delivered to the ESRD patient.” Excerpt from a review of the previous edition of this book from the ANNA Journal The new edition features a new section on Improving Outcomes In Dialysis Patients with 4 chapters, and another 8 new chapters. All chapters from previous edition were extensively reworked to include new and pertinent information

Chronic Kidney Disease, Dialysis, and Transplantation E-Book
Clinical Practice Guidelines For Chronic Kidney Disease
Handbook of Dialysis Therapy, E-Book
Kidney Transplantation in the Regenerative Medicine Era

Exploring the Impact of CKD, Dialysis, and Transplantation on Patients
Nephrology
The optimal management of children who receive dialysis therapy requires a thorough understanding of the multidisciplinary nature of their treatment. The multiple organ systems that are often impacted by acute and chronic impairment of kidney function makes the care of this patient population highly complex. This 3rd edition of Pediatric Dialysis provides authoritative and comprehensive information on all aspects of dialysis-related care for children and adolescent clinicians in achieving the best possible patient outcomes. Like the two preceding editions, the 3rd edition enlists experts from North America, South America, Europe, and Asia to provide their perspectives on virtually all issues pertaining to dialysis-related management for children, based on years of clinical and research experience. The book contains sections on all essential topics including when to initiate dialysis, peritoneal dialysis, hemodialysis, managing secondary complications, nutritional therapy, drugs and dialysis, dialysis outcomes, and transition to adult care. Each chapter has been thoroughly updated in terms of content and references. The book also includes several new chapters on topics such as remote patient monitoring, acute kidney injury management in the developing world, and antibiotic stewardship in the dialysis unit, maintaining the text’s preeminent status as a worldwide source for pediatric dialysis care.

A detailed, contributed reference offering broad coverage of renal transplantation in children. Diagnosis, the patient’s medical management, operative methods, surgical and medical complications, donor selection, immunosuppression, late effects on growth and development and psychosocial factors are among the topics discussed. Features a chapter on how to set up and manage a pediatric renal transplant program.
Diabetes and the Kidney provides endocrinologists andnephrologists of all levels with expert clinical diagnosis andmanagement guidance for this extremely common diabeticcomplication. Practical and accessible, chapters contain textfeatures such as case histories, potential pitfall boxes, keypoints, management algorithms, and useful weblinks to fullyengage the reader and provide expert guidance to help cliniciansbest manage their patients. In addition, allrelevant international society guidelines and recommendationsare fully included. After an initial analysis of the epidemiology andpathogenesis of kidney complications in diabetes, it quickly moveson to the following core sections:
· Special Situations, Risk factors and Complications- examining diabetic nephropathy in relation to each other diabeticcomplication, re cardiovascular disease
· Prevention and Therapy - focusing on the most up to date information available from international diabetes care teams.
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This volume offers a theoretical and practical overview of the ethics of pediatric medicine. It serves as a fundamental handbook and resource for pediatricians, nurses, residents in training, graduate students, and practitioners of ethics and healthcare policy. Written by a team of leading experts, Pediatric Bioethics addresses those difficult ethical questions concerning the clinical and academic practice of pediatrics, including an approach to recognizing boundaries when confronted with issues such as end of life care, life-sustaining treatment, extreme prematurity, pharmacotherapy, and research. Thorny topics such as what constitutes best interests, personhood, or distributive justice and public health concerns such as immunization and newborn genetic screening are also addressed.

End-stage renal disease (ESRD) is a leading cause of death in children. Expertly edited, and with contributions from an experienced international team, Diabetes and Kidney Disease will be the perfect tool to consult when managing diabetic patients with associated kidney problems.

Pediatric medical ethics are very different from any other clinical setting. This collection presents possible cases and scenarios to help caregivers be better-prepared for complicated ethical questions.

Growth and Endocrine Changes in Children and Adolescents with Chronic Renal Failure
Pediatric Kidney Disease
Pediatric Rehabilitation
Behavioral Approaches to Chronic Disease in Adolescence
Handbook of Chronic Kidney Disease Management
Diabetes and Kidney Disease

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Pediatric Renal Transplantation

From Diagnosis to End-Stage Disease

Recent Progress in Child and Adolescent Psychiatry

Nolph and Gokal's Textbook of Peritoneal Dialysis

Ethics Rounds

Pediatric Nephrology On-the-go (Fourth Edition)

Child and adolescent psychiatry is a complex clinical discipline whose practitioners work in close cooperation with their professional colleagues in clinical medicine, education, social welfare, sociology, family relations theory, and legal affairs. This volume, the first of its kind to be published in Japan, provides a broad-ranging view of recent progress in the rapidly developing field of child and adolescent psychiatry. Topics include infant psychiatry, developmental disorders, the interface between education and psychiatry (especially as it relates to the phenomenon of "school refusal") neurotic disorders, and adolescent psychoses, as well as parental power and child abuse, and psychiatric problems surrounding organ transplantation in children. The section on autism and education focuses on problems of autistic children reaching adolescence, a subject that has rarely been treated so directly. Also of clinical interest and importance is the discussion presented here of high-risk factors for adolescent psychosis. This volume, with contributions by leading professionals in the field, is a valuable source and reference for practitioners, researchers, and students of child and adolescent psychiatry and clinical psychology.