

Preface

The management of chronic dialysis therapy in children is a complex, all-consuming, and ultimately rewarding discipline. As members of a small, yet international subspecialty, pediatric dialysis practitioners have learned to turn to one another for clinical advice when faced with difficult clinical problems. It is, in fact, the clinical experience of our colleagues that continues to be a truly invaluable resource. Whereas bedside rounds remain the “gold standard” of clinically based instruction, writing about clinical situations using real-life cases employs the same teaching technique by directly applying clinical management principles at the patient level.

The worldwide success of *Pediatric Dialysis* and its second edition, which remain the only textbooks available that are entirely devoted to dialysis in children, led us to consider a companion text in which cases would be used to reinforce the material contained in those publications. To that end, we have had the great pleasure of working with a team of international experts in pediatric dialysis care to develop the book *Pediatric Dialysis Case Studies*. In this unique text, 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 by authors who have a wealth of knowledge and clinical expertise. Whereas some chapters address frequently noted complications with evidence-based recommendations for prevention and treatment, other chapters highlight less common events and provide unique perspectives on disease management. The topics that we have included in *Pediatric Dialysis Case Studies* cover virtually all aspects of pediatric dialysis care and, in turn, represent the efforts of individuals with firsthand clinical expertise in virtually every discipline that is represented in the pediatric dialysis team.

As was the case in the development of the first and second editions of *Pediatric Dialysis*, the goal of this book is to create a resource that is worthy of a place on the bookshelves of all busy dialysis clinicians and would be frequently consulted for some “bedside” expertise. In *Pediatric Dialysis Case Studies*, we believe that we have achieved that goal.

We conclude by sincerely thanking our co-authors, all of whom are experts in their own right, and all of our patients and their families who are our best teachers. We also want to thank Springer developmental editor Michael Wilt for his patient

guidance and unfailing support. Together, we have created what we believe is a special textbook about clinical challenges associated with pediatric dialysis that we all have encountered or will likely encounter in the future. Most importantly, we hope that this textbook becomes a resource that will lead to improved outcomes for the sometimes complex, but always special, patients we care for.

Kansas City, MO, USA
Heidelberg, Germany
Stanford, CA, USA

Bradley A. Warady
Franz Schaefer
Steven R. Alexander

Pediatric Dialysis Case Studies

A Practical Guide to Patient Care

Warady, B.A.; Schaefer, F.; Alexander, S.R. (Eds.)

2017, XIV, 351 p. 45 illus., 32 illus. in color., Hardcover

ISBN: 978-3-319-55145-6