

Preface

Contemporary Nephrology Nursing has always been my favorite nephrology nursing book. I love reading the in-depth content and broad range of current topics in this format. It is such an honor to be selected as editor of this 3rd edition and to follow in the footsteps of two revered nephrology nurses, Janel Parker and Anita Molzahn.

You will notice some new additions in this edition. The content is divided into 10 sections with chapters on 50 nephrology nursing topics. All of the chapters you expect are here – physiology of the kidney, diseases of the kidney, acute kidney injury, and kidney replacement therapies. The chapters in the *Comorbidities and Complications of CKD: Nursing Management* section were written specifically to be meaningful for nurses practicing in both staff and advanced practice roles. Each focused chapter is a significant discussion written and reviewed by experts on that theme. The subjects include diabetes management, anemia, hypertension, and depression. The *Regenerative Medicine and Innovations in Nephrology Nursing* section includes comprehensive discussions of kidney transplantation along with an exciting introduction to areas of nephrology under rapid development. Regenerative medicine is an innovative field full of promise for the expanding role of the nephrology nurse and for genuine improvement in quality of life for patients with kidney disease. The last and largest section, *Advocacy*, is filled with chapters like Evidence-Based Nephrology Nursing Practice, Cultural Safety in Nephrology Nursing, and Health Literacy, detailing all of the areas in which nephrology nurses serve as advocates for patients with kidney disease.

A few words about the words in this 3rd edition. Since the second edition was published, The National Kidney Foundation's Kidney Disease Outcome Quality Initiative (KDOQI) established stages of chronic kidney disease (CKD). These stages, ranging from CKD 1 to CKD 5, depending on the level of glomerular filtration rate (GFR) normalized to body surface area, have been widely adopted by the nephrology community and are used extensively in this book when the discussion is of a clinical nature. In 2012, Kidney Disease Improving Global Outcomes (KDIGO) created a newer staging system that categorizes CKD by GFR and albuminuria. Two chapters in this book, "Chronic Kidney Disease" and "Nutrition," make use of the newer system. It is not clear yet if the KDIGO categories will be as widely adopted by the nephrology community, and if it is, you will likely see more of it in the 4th edition. The words *end-stage renal disease* (ESRD) are used in this book when the discussion is in

the area of public policy and government legislation, as that term continues to be used by the federal government, including the Centers for Medicare and Medicaid Services (CMS), which provide funding for kidney replacement therapies.

We waited too long, 11 years, to publish this 3rd edition. Most of the chapters from the 2nd edition could not be updated because the information was outdated; the authors were required to completely start over writing a new chapter. I am exceedingly grateful for the amazing authors who produced the impressive chapters you will read in this book. I couldn't even begin to add up all the hours spent researching, writing, rewriting, proofreading, finding and designing figures, and finally, adding the polishing finish on each chapter. The authors did not do this work for any remuneration; each and every one of them is a volunteer. Thank you!

Each chapter had several reviewers to check content for accuracy, completeness, and applicability to current practice. The detailed recommendations they provided contributed to the strength of the chapters. Again, our reviewers are also volunteers. Thank you!

I would like to thank Mike Cunningham and the American Nephrology Nurses Association (ANNA) Board of Directors for the opportunity to edit this book and for their support throughout the project. I do not have the words to express my enduring gratitude to Claudia Cuddy and Joe Tonzelli. As my managing and coordinating editors at Anthony J. Jannetti Inc. (AJJ), they devoted themselves to this book and guided my work at every step. I am blessed to have Caroline Counts, editor of ANNA's Core Curriculum, as my mentor for this project and am thankful that she willingly shared her expertise and sense of humor with me. There are also other individuals at AJJ who contributed to the success of this publication, and I would like to thank each of them for their expertise and dedication to the book. One last special thanks to Sally Russell, Lesley Dinwiddie, Charlotte Thomas-Hawkins, Glenda Payne, Sharon Longton, and Tim Ray for their commitment to ANNA and dedication to the success of this book.

An incredible amount of time, effort and expertise went into the creation of *Contemporary Nephrology Nursing*, 3rd Edition. My hope is that you will find this book not only to be a great reference for your nursing practice, but also an instrument to help you improve the outcomes of patients with kidney disease.

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