# Table of Contents

Part I Foundations for Clinical Practice and Overview

Chapter 1 Kidney Function in Health and Disease

Alluru S. Reddi, MD, and Kishore Kuppasani, MS

Chapter 2 Historical Perspective of Nutrition in Kidney Disease

Mary Kay Hensley, MS, RD, CSR

Chapter 3 The Changing Demographics of Chronic Kidney Disease in the US and Worldwide

Garabed Eknoyan, MD

Chapter 4 Nutrition Assessment in Kidney Disease

Wm. Cameron Chumlea, PhD, David B. Cockram, PhD, RD, Johanna T. Dwyer DSc, RD, Haewook Han, PhD, RD, and Mary Pat Kelly, MS, RD, GNP

Part II Chronic Kidney Disease During Stages 1-4 in Adults

Section 1: Prevention

Chapter 5 Hypertension

Kristie J. Lancaster, PhD, RD

Chapter 6 Diabetes Mellitus

Joni J. Pagenkemper, MA, MS, RD, LMT

Chapter 7 Dyslipidemias

Judith A. Beto PhD RD and Vinod K. Bansal MD

Section 2: Treatment

Chapter 8 Nutrition and Pharmacologic Approaches

Kathy Harvey, MS, RD, CSR
Chapter 18: The Aging Adult

Julie Barboza MSN, RD, APRN-BC

Section 2: Management of Other Disorders

Chapter 19: Acute Kidney Failure

Wilfred Druml, MD

Chapter 20: Nephrotic Syndrome

Jane Y. Yeun, MD, FACP and George A. Kaysen, MD, PhD, FASN

Chapter 21: Kidney Stones

Orfeas Liangos, MD and Bertrand L. Jaber, MD

Part IV: Additional Nutritional Considerations in Kidney Disease

Chapter 22: Dietary Supplements

Diane Rigassio Radler, PhD, RD

Chapter 23: Issues Affecting Dietary Adherence

Jerrilynn D. Burrowes, PhD, RD, CDN

Chapter 24: Outcomes Research

Laura D. Byham-Gray, PhD, RD

Chapter 25: Suggested Resources for the Practitioner

Patricia DiBenedetto Barb‘a, MS, RD, Jerrilynn D. Burrowes, PhD, RD, CDN and Laura D. Byham-Gray, PhD, RD.