

Contents

Introduction and Options in Therapy	1
<i>Eli A. Friedman</i>	
Part 1: Contemporary Uremia Therapy CIRCA 2009	9
Chapter 1 Peritoneal Dialysis: Past and Current Practices	11
<i>Mary C. Mallappallil</i>	
Chapter 2 Hemodialysis	25
<i>Yalemzewd Woredekal</i>	
Chapter 3 Kidney Transplantation	37
<i>Fasika Tedla</i>	
Chapter 4 Home Hemodialysis: Present and Future Therapies	65
<i>Barbara G. Delano</i>	
Chapter 5 Hemofiltration	79
<i>Halim S. Ghali</i>	
Chapter 6 Self-Care In-Center Hemodialysis	95
<i>Susan H. Bray</i>	

Chapter 7	Opting for Death Rather than Dialysis in Chronic Renal Failure <i>Anthony J. Joseph</i>	109
Chapter 8	Ethical Concerns in Marketing Kidneys <i>Amy L. Friedman</i>	125
Part 2: Projected Therapy Circa 2012		147
Chapter 9	The Wearable Artificial Kidney: A New Paradigm in the Treatment of ESRD <i>Victor Gura</i>	149
Chapter 10	Xenotransplantation <i>Moro O. Salifu, Syed Shah and Subodh Saggi</i>	167
Chapter 11	Can the Bowel Serve as a Kidney? <i>Eli A. Friedman</i>	177
Index		193