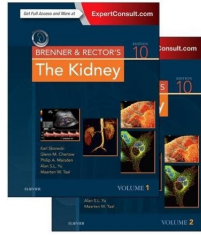


**BRENNER AND RECTOR'S THE KIDNEY, 2 Vols. (Print + Online)**



**Autor:** Taal  
**ISBN:** 9781455748365  
**Páginas:** 2784  
**Año:** 2015  
**Edición:** 10  
**Idioma:** Ingles  
**Disponible:** Agotado  
**Precio:** ~~376.99~~  
358.14

Iva no incluido

## **DESCRIPTION:**

Overcome the toughest clinical challenges in nephrology with Brenner & Rector's The Kidney -- the most well-known nephrology resource in the world. A diverse team of more than 200 international contributors brings you the latest knowledge and best practices on every front in nephrology worldwide. From basic science and pathophysiology to clinical best practices, Brenner & Rector's The Kidney is your go-to resource for any stage of your career.

## **New to this edition:**

Get internationally diverse, trusted guidance and perspectives from a team of well-respected global contributors, all of whom are at the top and the cutting edge of your field. A new editorial team headed by Dr. Taal and hand-picked by Dr. Brenner ensures the ongoing adherence to previous standards of excellence.

Access information quickly thanks to a new, reorganized print format and easily searchable online access to supplemental figures, tables, additional references, and expanded discussions as well as regular online updates, case studies, and more at [www.expertconsult.com](http://www.expertconsult.com).

Keep current with the rapid development of care and research worldwide. A new section, "Global Considerations", focuses on regions outside Europe and North America. Leading experts from Latin America, Africa, Near and Middle East, Indian Subcontinent, Far East, Oceania and Australia present their expert insights into specific conditions, as well as progress and challenges in the development of the specialty.

Improve therapy and outcomes for children with renal disease. New to this edition, "Pediatric Nephrology" addresses renal pathologies that usually present in childhood and covers topics such as Maturation of Kidney Structure and Function Fluid Electrolyte and Acid-Base Disorders in Children Diseases of the Kidney and Urinary Tract in Children Dialysis in Children and Kidney Transplantation in Children.

Stay up to date with all the latest clinical information including recent clinical trials, genetic causes of kidney disease, and cardiovascular and renal risk prediction in chronic kidney disease.

## **CONTENTS:**

### **Section I: Normal Structure and Function**

1. Embryology of the Kidney
2. Anatomy of the Kidney
3. The Renal Circulations and Glomerular Ultrafiltration
4. The Podocyte
5. Metabolic Basis of Solute Transport
6. Transport of Sodium, Chloride, and Potassium
7. Transport of Calcium, Magnesium, and Phosphate
8. Renal Handling of Organic Solutes
9. Renal Acidification Mechanisms
10. Urine Concentration and Dilution
11. The Cell Biology of Vasopressin Action
12. Aldosterone Regulation of ION Actions
13. Vasoactive Molecules and the Kidney
14. Arachidonic Acid Metabolites and the Kidney

### **Section II: Disorders of Body Fluid Volume and Composition**

15. Disorders of Sodium Balance
16. Disorders of Water Balance
17. Disorders of Acid-Base Balance
18. Disorders of Potassium Balance
19. Disorders of Calcium, Magnesium, and Phosphate Balance

### **Section III: Epidemiology and Risk Factors in Kidney Disease**

20. Epidemiology of Kidney Disease
21. Demographics of Kidney Disease
22. Risk Factors and Chronic Kidney Disease
23. Nephron Endowment
24. Aging and Kidney Disease

### **Section IV: Evaluation of the Patient with Kidney Disease**

25. Approach to the Patient with Kidney Disease
26. Laboratory Assessment of Kidney Disease: Glomerular Filtration Rate, Urinalysis, and Proteinuria
27. Interpretation of Electrolyte and Acid-Base Parameters in Blood and Urine
28. Diagnostic Kidney Imaging
29. The Renal Biopsy
30. Biomarkers in Acute and Chronic Kidney Diseases

### **Section V: Disorders of Kidney Structure and Function**

31. Acute Kidney Injury
32. Primary Glomerular Disease
33. Secondary Glomerular Disease
34. Overview of Therapy for Glomerular Disease
35. Microvascular and Macrovascular Diseases of the Kidney
36. Tubulointerstitial Diseases

37. Urinary Tract Infection in Adults
38. Urinary Tract Obstruction
39. Diabetic Kidney Disease
40. Nephrolithiasis
41. Kidney Cancer

#### 42. Kidney Disease in Cancer Patients

### **Section VI: Genetics of Kidney Disease**

43. Genetic Basis of Kidney Disease
44. Inherited Disorders of the Glomerulus
45. Inherited Disorders of the Renal Tubule
46. Cystic Diseases of the Kidney

### **Section VII: Hypertension and the Kidney**

47. Primary and Secondary Hypertension
48. Renovascular Hypertension and Ischemic Nephropathy
49. Hypertension and Kidney Disease in Pregnancy
50. Antihypertensive Therapy (change of title from - Antihypertensive Drugs)
51. Diuretics

### **Section VIII: The Consequences of Advanced Kidney Disease**

52. Adaptation to Nephron Loss and Mechanisms of Progression in Chronic Kidney Disease
53. Mechanisms and Consequences of Proteinuria
54. The Pathophysiology of Uremia
55. Chronic Kidney Disease-Mineral Bone Disorder
56. Cardiovascular Aspects of Kidney Disease
57. Hematologic Aspects of Kidney Disease
58. Endocrine Aspects of Chronic Kidney Disease
59. Neurologic Aspects of Kidney Disease
60. Dermatologic Conditions in Kidney Disease

### **Section IX: Conservative Management of Kidney Disease**

61. Dietary Approaches to Kidney Diseases
62. A Stepped Care Approach to the Management of Chronic Kidney Disease
63. Therapeutic Approach to Chronic Kidney Disease-Mineral and Bone Disorder
64. Prescribing Drugs in Kidney Disease

### **Section X: Dialysis and Extracorporeal Therapies**

65. Hemodialysis
66. Peritoneal Dialysis
67. Critical Care Nephrology
68. Plasmapheresis
69. Extracorporeal Treatment of Poisoning
70. Interventional Nephrology

### **Section XI: Kidney Transplantation**

71. Transplantation Immunobiology
72. Clinical Management

### **Section XII: Pediatric Nephrology**

73. Malformation of the Kidney: Structural and Functional Consequences
74. Diseases of the Kidney and Urinary Tract in Children
75. Fluid, Electrolyte, and Acid-Base Disorders in Children
76. Renal Replacement Therapy (Dialysis and Transplantation) in Pediatric End-Stage Kidney Disease

### **Section XIII: Global Considerations in Kidney Disease**

77. Latin America
78. Africa
79. Near and Middle East
80. Indian Subcontinent
81. Far East
82. Oceania

### **Section XIV: Challenges in Nephrology**

83. Ethical Dilemmas Facing Nephrology: Past, Present, and Future
84. Health Disparities in Nephrology
85. Care of the Older Person with Kidney Disease
86. Tissue Engineering, Stem Cells, and Cell Therapy in Nephrology
87. Quality Improvement Initiatives in Kidney Disease