

## CONTENTS

	PAGE
1. The Structure of the Kidney . . . . .	1
2. Tests of Renal Structural Integrity . . . . .	11
3. Introduction to Renal Function and Some Theoretical Considerations concerned in testing its Integrity . . . . .	19
4. Tests of Glomerular Functional Integrity . . . . .	23
5. Tubular Function and Tests of Tubular Functional Integrity . . . . .	38
6. Diurnal Rhythm . . . . .	85
7. Renal Function in Relation to age . . . . .	89
8. The Renal Circulation . . . . .	92
9. The Kidney and Erythropoiesis . . . . .	104
10. The Kidney and Hypertension . . . . .	107
11. The Kidney and Oedema . . . . .	121
12. The Nephrotic Syndrome . . . . .	126
13. Acute Renal Failure . . . . .	143
14. Chronic Renal Failure . . . . .	165
15. The Acute Nephritic Syndrome . . . . .	190
16. Renal Function and Loss of Metallic Cations . . . . .	195
17. Selective Defects of Tubular Function . . . . .	209
18. Renal Function and Metabolic Alkalosis . . . . .	222
19. Renal Disturbances following Uretero-colic Anastomosis . . . . .	228
20. Immunological Diseases of the Kidney . . . . .	231
21. Orthostatic Proteinuria . . . . .	272
22. Renal Infections . . . . .	275
23. Polyuria . . . . .	303
24. The Kidney, Glycosuria and Diabetes Mellitus . . . . .	316
25. Renal Disturbances in Pregnancy . . . . .	326

	PAGE
26. Thrombosis of the Renal Artery and Vein . . . . .	342
27. Hæmoglobinuria and Myoglobinuria . . . . .	346
28. Porphyria . . . . .	354
29. The Kidney, Gout and Uric Acid . . . . .	356
30. Renal Disturbances in Myelomatosis . . . . .	362
31. Renal Amyloidosis . . . . .	365
32. Scleroderma . . . . .	368
33. Radiation Nephritis . . . . .	370
34. Congenital, Macroscopic, Structural Lesions of the Kidney. . . . .	373
 <i>Appendices</i>	
1. Diets . . . . .	384
2. Some Normal Values . . . . .	391
 <i>Index</i> . . . . .	 394