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| Nota di contenuto       | The Kidney Arranged jointly with the Renal Association; Foreword; Contents; Part I-Structural and Functional Relationships in the Kidney; The structural and functional aspects of recovery from acute renal failure; Discussion; Preliminary experiences with aspiration biopsy of the kidney; Discussion; Renal lesions in relation to amino-aciduria and water diuresis; Discussion; The production of hypertonic urine by the mammalian kidney; Discussion; Part II--Tubular Functions other than the Regulation of Acid-base Balance; Distribution of functional activity among the nephron population; Discussion<br>Some biochemical features of tubular transport mechanismsDiscussion; A study of the mechanism by which toxic tubular damage changes the renal threshold for glucose; Glucose titration in renal glycosuria; Discussion; Part III-Renal Share in the Regulation of Acid-base Balance; Renal acid-base control and cell physiology; Discussion; Regulation of the content of bicarbonate bound base in body fluids; Discussion; The relationship between potassium excretion and urine acidification; Discussion; Renal response to massive alkali loading in the human subject; Discussion<br>Part IV-General Problems of Electrolyte ExcretionMechanisms of sodium retention; Discussion; Post-operative retention of water and sodium; Discussion; Electrolyte excretion in states of potassium depletion in man; Discussion; Treatment of electrolyte-fluid retention by ultrafiltration of the blood in vivo; Discussion; Some aspects of calcium |

and phosphorus excretion; Discussion; Part V-Renal Share in Volume Control of Body Fluid; The characteristic renal excretion patterns associated with excessive or inadequate circulation; Discussion; Fluid balance in anuria; Discussion  
Renal factors in volume controlDiscussion; Closing Remarks

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