


[DOWNLOAD](#)


Renal Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 4e (Mosby's Physiology Monograph)

By Koeppen MD PhD, Bruce M.; Stanton PhD, Bruce A.

Mosby, 2006. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Introduction to the Kidney 1 Physiology of Body Fluids OBJECTIVES PHYSICOCHEMICAL PROPERTIES OF ELECTROLYTE SOLUTIONS Molarity and Equivalence Osmosis and Osmotic Pressure Osmolarity and Osmolality Tonicity Oncotic Pressure Specific Gravity VOLUMES OF BODY FLUID COMPARTMENTS COMPOSITION OF BODY FLUID COMPARTMENTS FLUID EXCHANGE BETWEEN BODY FLUID COMPARTMENTS Capillary Fluid Exchange Cellular Fluid Exchange SUMMARY KEY WORDS AND CONCEPTS SELF-STUDY PROBLEMS 2 Structure and Function of the Kidneys OBJECTIVES STRUCTURE OF THE KIDNEYS Gross Anatomy Ultrastructure of the Nephron Ultrastructure of the Renal Corpuscle Ultrastructure of the Juxtaglomerular Apparatus Innervation of the Kidneys SUMMARY KEY WORDS AND CONCEPTS SELF-STUDY PROBLEMS 3 Glomerular Filtration and Renal Blood Flow OBJECTIVES RENAL CLEARANCE Glomerular Filtration Rate GLOMERULAR FILTRATION Determinants of Ultrafiltrate Composition Dynamics of Ultrafiltration RENAL BLOOD FLOW REGULATION OF RENAL BLOODS FLOW AND GLOMERULAR FILTRATION RATE Sympathetic Nerves Angiotensin II Prostaglandins Nitric Oxide Endothelin Bradykinin Adenosine Natriuretic Peptides ATP Glucocorticoids Histamine Dopamine SUMMARY KEY WORDS AND CONCEPTS SELF-STUDY PROBLEMS 4 Renal Transport Mechanisms: NaCl and Water Transport Along the Nephron OBJECTIVES GENERAL PRINCIPLES OF MEMBRANE TRANSPORT GENERAL PRINCIPLES OF TRANSEPITHELIAL SOLUTE AND WATER TRANSPORT NaCl, SOLUTE, AND WATER...



[READ ONLINE](#)
[5.89 MB]

Reviews

This pdf is wonderful. It is definitely simplified but excitement from the 50 percent in the ebook. You wont sense monotony at at any time of your time (that's what catalogues are for relating to should you request me).

-- **Jaqueline Kerluke**

I just started looking at this pdf. It can be rally fascinating throgh studying period of time. Its been printed in an extremely basic way and is particularly only following i finished reading through this publication where in fact altered me, change the way i really believe.

-- **Mr. Stephan McKenzie**