



Pocket Companion to Guyton and Hall Textbook of Medical Physiology

By Hall, John E.

Book Condition: New. Publisher/Verlag: Saunders | The new edition of this companion to Guyton & Hall's Textbook of Medical Physiology, 12th Edition delivers the salient points from the parent text in a manner that is ideal for rapid comprehension of the core concepts in the discipline. Small enough to fit in your pocket, you'll find concise, easy-to-reference physiology essentials wherever you are whenever you need it most. | I. Introduction to physiology: the cell and general physiology 1. Functional organization of the human body and control of the internal environment 2. The cell and its functions 3. Genetic control of protein synthesis, cell function, and cell reproduction II. Membrane physiology, nerve, and muscle 4. The DNA code in the cell nucleus is transferred to an RNA code in the cell cytoplasm -- the process of transcription 5. Membrane potentials and action potentials 6. Contraction of skeletal muscle 7. Excitation of skeletal muscle: neuromuscular transmission and excitation-contraction coupling 8. Contraction and excitation of smooth muscle III. The heart 9. Cardiac muscle: the heart as a pump and function of the heart muscles 10. Rhythmic excitatory and conductive system of the heart 11. The normal electrocardiogram 12. Electrocardiographic interpretation of cardiac muscle and...



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