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Basic Radiological Physics - Thayalan Kuppasamy 2017-07-17

This new edition has been fully revised to provide radiologists with the latest advances in radiological physics. Divided into six sections, the book begins with an overview of general physics, followed by a section on radiation physics. The remaining chapters cover physics of diagnostic radiology, physics of nuclear medicine, physics of radiation therapy, and radiological health and safety. The second edition features many new topics, recent advances and detailed explanations of complicated concepts. The comprehensive text is further enhanced by nearly 350 radiological images, diagrams and tables. Key points Fully revised new edition providing latest advances in radiological physics Second edition features new topics, recent advances and explanations of complicated concepts Highly illustrated with nearly 350 radiological images, diagrams and tables Previous edition (9788171798544) published in 2001

Chemistry - Theodore Lawrence Brown 2017-01-03

NOTE: This edition features the same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value; this format costs significantly less than a new textbook. Before purchasing, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of MyLab(tm) and Mastering(tm) platforms exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a Course ID, provided by your instructor, to register for and use MyLab and Mastering products. For courses in two-semester general chemistry. Accurate, data-driven authorship with expanded interactivity leads to greater student engagement Unrivaled problem sets, notable scientific accuracy and currency, and remarkable clarity have made Chemistry: The Central Science the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and leads to greater student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning teachers. In this new edition, the author team draws on the wealth of student data in Mastering(tm) Chemistry to identify where students struggle and strives to perfect the clarity and effectiveness of the text, the art, and the exercises while addressing student misconceptions and encouraging thinking about the practical, real-world use of chemistry. New levels of student interactivity and engagement are made possible through the enhanced eText 2.0 and Mastering Chemistry, providing seamlessly integrated videos and personalized learning throughout the course. Also available with Mastering Chemistry Mastering(tm) Chemistry is the leading online homework, tutorial, and engagement system, designed to improve results by engaging students with vetted content. The enhanced eText 2.0 and Mastering Chemistry work with the book to provide seamless and tightly integrated videos and other rich media and assessment throughout the course. Instructors can assign interactive media before class to engage students and ensure they arrive ready to learn. Students further master concepts through book-specific Mastering Chemistry assignments, which provide hints and answer-specific feedback that build problem-solving skills. With Learning Catalytics(tm) instructors can expand on key concepts and encourage student engagement during lecture through questions answered individually or in pairs and

groups. Mastering Chemistry now provides students with the new General Chemistry Primer for remediation of chemistry and math skills needed in the general chemistry course. If you would like to purchase both the loose-leaf version of the text and MyLab and Mastering, search for: 0134557328 / 9780134557328 Chemistry: The Central Science, Books a la Carte Plus Mastering Chemistry with Pearson eText -- Access Card Package Package consists of: 0134294165 / 9780134294162 Mastering Chemistry with Pearson eText -- ValuePack Access Card -- for Chemistry: The Central Science 0134555635 / 9780134555638 Chemistry: The Central Science, Books a la Carte Edition

Understanding Human Anatomy and Physiology - Sylvia S. Mader 2005

Renowned for her effective learning systems, respected author Sylvia Mader has helped thousands of entry-level students understand and enjoy the principles of human anatomy and physiology. Mader expertly weaves up-to-date informative content with effective learning systems, piecing together the facts and fascination of human anatomy and physiology. With the fifth edition of Understanding Human Anatomy and Physiology, your introductory, one-semester students have the opportunity to experience an effective blend of up-to-date, informational content with several new features and an extensively enhanced multimedia support system.

Systems and Functions of the Human Body - Evelyn C. Pronko 1979

The Viscera of the Domestic Mammals - NICKEL 2013-11-11

VIII equally to this first English edition. The work deals with the body cavities, digestive system and teeth, spleen, and with the respiratory and urogenital systems of the dog, cat, pig, ox, sheep, goat, and horse. Each organ system is described in a general and comparative chapter, which is followed by shorter special chapters for the carnivores, pig, ruminants, and horse. In agreement with the original authors, substantive changes were made in several instances to take into account the results of recent research and to eliminate conflicts between views commonly held by German anatomists and those outside of Europe, but foremost to profit by the advances in Nomina anatomica veterinaria* (NAV), a uniform international nomenclature, which came into existence while this translation was in progress. This nomenclature lists a single, usually descriptive term for homologous structures in all domestic mammals, and wherever possible for the same structure in man; and thus has the potential of simplifying student instruction and promoting interdisciplinary understanding. The work of the International Committee on Veterinary Anatomical Nomenclature in many instances included re-evaluations of existing anatomical concepts; and it was these that necessitated most of the changes in the present work. The nomenclature conforms, with very few exceptions, to the second edition of the NA V.

Medical Terminology for Health Professions, Spiral bound Version - Ann Ehrlich 2021-08-04

Thoroughly revised and updated, Schroeder/Ehrlich/Schroeder Smith/Ehrlich's MEDICAL TERMINOLOGY FOR HEALTH PROFESSIONS, 9E simplifies the process of memorizing complex medical terminology by focusing on key word parts -- common prefixes, suffixes and root words -- that provide a foundation for learning hundreds of medical terms. Organized by body systems, chapters follow a logical flow of information: an overview of the body system's structure and

functions, a summary of applicable medical specialties, and ultimately pathology, diagnostic and treatment procedures. The latest edition of this market leader includes expanded coverage of gender identity and gender reassignment, COVID-19, advanced directives, durable medical equipment, dental procedures, diabetic pathology, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Basics of Medical Physiology - HH Sudhakar D Venkatesh 2018-10-10

About the Book This book explains the basic concepts of medical physiology in a clear and concise style. The fourth edition presents revised and updated text with numerous new diagrams. The Applied Physiology aspect has been suitably emphasized.

Study Guide for Rizzo's Fundamentals of Anatomy and Physiology, 4th - Donald C. Rizzo 2015-03-16

This study guide is designed as a tool to help the learner comprehend and retain anatomy and physiology concepts. Each chapter of the study guide corresponds to the same chapter in Fundamentals of Anatomy and Physiology, Fourth Edition, with a variety of questions and activities included to reinforce the material presented. Case studies encourage application of concepts learned and promote critical thinking and classroom discussion.

Biology of Aging - Roger B. McDonald 2019-06-07

Biology of Aging, Second Edition presents the biological principles that have led to a new understanding of the causes of aging and describes how these basic principles help one to understand the human experience of biological aging, longevity, and age-related disease. Intended for undergraduate biology students, it describes how the rate of biological aging is measured; explores the mechanisms underlying cellular aging; discusses the genetic pathways that affect longevity in various organisms; outlines the normal age-related changes and the functional decline that occurs in physiological systems over the lifespan; and considers the implications of modulating the rate of aging and longevity. The book also includes end-of-chapter discussion questions to help students assess their knowledge of the material. Roger McDonald received his Ph.D. from the University of Southern California and is Professor Emeritus in the Department of Nutrition at the University of California, Davis. Dr. McDonald's research focused on mechanisms of cellular aging and the interaction between nutrition and aging. His research addressed two key topics in the field: the relationship between dietary restriction and lifespan, and the effect of aging on circadian rhythms and hypothalamic regulation. You can contact Dr. McDonald at rmbcdonald@ucdavis.edu. Related Titles Ahmad, S. I., ed. Aging: Exploring a Complex Phenomenon (ISBN 978-1-1381-9697-1) Moody, H. R. & J. Sasser. Gerontology: The Basics (ISBN 978-1-1387-7582-4) Timiras, P. S. Physiological Basis of Aging and Geriatrics (ISBN 978-0-8493-7305-3)

Fundamentals of Anatomy and Physiology (Hardback), Global Edition - Frederic H. Martini 2017-11-20

Fundamentals of Anatomy & Physiology helps students succeed in the challenging A&P course with an easy-to-understand narrative, precise visuals, and steadfast accuracy. With the 11th Edition, the author team draws from recent research exploring how students use and digest visual information to help students use art more effectively to learn A&P. This book will encourage students to view and consider figures in the textbook, and new narrated videos guide students through complex physiology figures to help them deconstruct and better understand complicated processes.

Medical Terminology for Health Professions - Ann Ehrlich 2005

New edition of one of the most used texts in medical terminology. Key features are up-to-date content, clearly stated definitions, the generous of illustrations and tables help to clarify content, and learning exercises that provide students with valuable learning reinforcement.

The PDR Family Guide to Nutritional Supplements - 2001

"Physicians Desk Reference(" presents this essential guide to the exciting new world of designer

foods and nutraceuticals that offers information on supplements for everything from baldness to kidney disease. This guide presents information on the biochemical makeup and healing properties of each supplement, side effects, other dangers, and much more.

Heart Monitor Training for the Compleat Idiot - John L. Parker, Jr. 2009-08

A concise guide to using a heart monitor for optimal running, cycling, or triathlon performance. *A Brief Atlas of the Human Body* - Matt Hutchinson 2013-08-05

This interactive study tool is designed to allow students to conduct clinical case studies based on chapter content. Each chapter also contains a quiz to reinforce learning.

ECG: Essentials of Electrocardiography - Cathy Soto 2015-10-01

Offering a clear and concise presentation, ECG: ESSENTIALS OF ELECTROCARDIOGRAPHY is designed to help you understand the fundamental knowledge and skills necessary to successfully perform an ECG. Succinct yet comprehensive coverage includes instruction on the anatomy of the heart, electrophysiology of the heart, and ECG basics. The book is an excellent resource for a standalone ECG class, various college technology programs, a review course, or as a supplemental text to strengthen foundational skills. To prepare you for completing ECGs in the field, it presents a combination of introductory cardiovascular anatomy, relationships of other body systems to heart health, essential legal and ethical considerations, patient assessment techniques, instructions on how to complete and document ECGs, and basic interpretation of the ECG tracing. Objectives you must master to qualify to sit for the National Healthcareer Association's EKG Technician Certification exam are addressed throughout. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Lippincott Manual of Nursing Practice - Sandra M. Nettina 2010

Universally respected, the authoritative 'Lippincott Manual' (sometimes called just the 'Lippincott') continues to be the most comprehensive reference 'tool kit' that practicing nurses and nursing students turn to for essential nursing knowledge and up-to-date information on patient care. LMNP is widely used as a procedure manual for many healthcare institutions (contains 109 Nursing Procedure Guidelines) and is widely regarded as the Gold Standard for nursing practice in the courtroom. Organized into five major parts, LMNP presents a comprehensive reference for all types of core nursing care. Part 1: Nursing Process & Practice; Part 2: Medical-Surgical Nursing; Part 3: Maternity & Neonatal Nursing; Part 4: Pediatric Nursing; Part 5: Psychiatric Nursing. Official Guidelines that shape practice are incorporated and include those from the National Institutes of Health, American Diabetes Association, American Heart Association, American Nurses Association, Joint Commission, AWHONN, and others; Plentiful additional resources as well as Web sites are included.

The Adrenal Cortex - Geoffrey H. Bourne 2013-05

Additional Contributors Include Roy O. Greep, Sarah A. Luse, Vincent Di Raimondo And Others.

Charting Made Incredibly Easy! - Lippincott Williams & Wilkins 2009-05

A charting reference that's authoritative and enjoyable. Helps you document patient care with incredible skill and confidence.

The Circulatory System, the Skin, and the Cutaneous Organs of the Domestic Mammals - B. Volmerhaus & K. -H. Habermehl 2013-12-11

Concise Medical Physiology - Sujit K. Chaudhuri 2006

Charting Made Incredibly Easy - 1998

Now nurses can chart the Incredibly Easy! way with this remarkable reference. They'll find easy-to-follow directions for charting thoroughly and accurately in all clinical situations. And they'll learn to improve speed and efficiency, reduce legal risks, and meet requirements for licensing, accreditation, and reimbursement. Contents include charting basics: understanding charting, the nursing process, plans of care, and charting systems; charting in contemporary health care: acute

care, home health care, longterm care, and rehabilitation; and special topics: enhancing charting, avoiding legal pitfalls, and documenting procedures.

Anatomy and Physiology Made Incredibly Easy! - 2009

Now updated to full color throughout, *Anatomy & Physiology Made Incredibly Easy!* Third Edition presents the vast, sometimes overwhelming details of anatomy and physiology in the enjoyable, user-friendly, award-winning Incredibly Easy! style. It reviews the core concepts of A&P and offers detailed coverage of every body system, nutrition, fluids and electrolytes, reproduction and lactation, and genetics. This edition includes a "Practice Makes Perfect" section of NCLEX®-style questions and pocket-sized study cards for on-the-go review. A companion Website offers new student and instructor resources including study cards, physiology animations, PowerPoint presentations, a test generator, teaching tips, and practice exercises/activities.

Phlebotomy Handbook - Diana Garza 1999

For medical lab technology, medical assisting, respiratory therapy, radiological technology, and nursing courses. This leading text is the most accurate and current source of blood and specimen collection information for today's health care students and professionals. Designed to provide health care professionals with the clinical, technical, and communication skills and knowledge, it features sections devoted to safety; equipment and collection; special procedures and point of care testing; and quality and legal issues.

Introductory Human Physiology - Emma Jakoi 2015-03-11

Physiology is an integrative science which considers the function of each organ and organ system and their interaction in the maintenance of life. This book is designed to provide the foundation for understanding the normal function of the human body. Each chapter emphasizes the basic concepts that apply to each organ and organ system as well as their integration to maintain homeostasis and proper responses to perturbations such as exercise, illness, and trauma. The organ systems covered include: nervous, muscle, cardiovascular, respiratory, endocrine, reproductive, gastrointestinal, and urinary. Examples from daily life activities and clinical scenarios as well as review questions are presented to illustrate basic science principles, to facilitate integration of the course content and to foster problem solving skills.

The Lungs and Breathing - Steve Parker 1989

Describes the organs of the respiratory system and their functions and discusses the consequences of disease and prolonged abuse on this vital system

Course Guide for Essentials of Anatomy and Physiology - Jason LaPres 2022

"Eighth Edition is designed for students who are enrolled in a one-semester course in human anatomy and physiology. The scope, organization, writing style, depth of presentation, and pedagogical aspects of the text have been tailored to meet the needs of students preparing for a career in one of the allied health professions, or taking the course as a general education requirement. The eighth edition has been substantially enhanced and improved. Added a "Careers In" section at the start of every chapter to show students how the chapter content relates to careers in the real world. Approximately 20 figures and tables were revised or are completely new. Revised descriptive language to improve the overall readability of the text. Terminology and phrasing more commonly used by students outside the classroom have been added where appropriate. By making the text easier to read, students will have an easier time grasping more complex anatomical and physiological content. Added the course guide of the 8th edition back into the lecture text to facilitate easier student use and completion. Updated terminology to align with the Terminologia Anatomica, Terminologia Histologica, and Terminologia Embryologica"--

Fundamentals of Anatomy and Physiology - Donald C Rizzo 2015-02-27

Packed with vivid illustrations, best-selling FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY, 4E is written specifically for learners in a one-semester introductory A&P course in the allied health field who have little or no previous knowledge of anatomy and physiology. Known for its clear approach to teaching, the text is widely praised for its ability to break A&P down into very simple, easy to understand language. Content is organized according to body systems and focuses on the body

working together to promote homeostasis. Improving both the quality and quantity of text illustrations, the Fourth Edition's new art program brings text concepts to life with new figures throughout. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Human Body Book - Steve Parker 2007

Discover how the nervous system works, the intricate construction of skeleton and muscles, and how your body protects itself when you are under threat. Put yourself under the microscope using the interactive DVD-Rom. Zoom in on a body part and see the bodies processes in action from a nerve impulse to blood surging through an artery. Journey inside and examine what can go wrong with the human machine: explore the causes and symptoms for diseases and ailments.

Musical Voyages - William Doyle 2001

Core Topics in Mechanical Ventilation - Iain Mackenzie 2008-10-30

Unique text laying out the principles and practicalities of mechanical ventilation aimed at any practitioner.

Complementary & Alternative Therapies in Nursing - Ruth Lindquist 2013-11-05

Print+CourseSmart

Introduction to Anatomy and Physiology - Donald C Rizzo 2012-09-20

INTRODUCTION TO ANATOMY AND PHYSIOLOGY is for the fundamentals A&P science course. It requires no prior biology or chemistry knowledge. In addition this book exposes learners to the fundamentals of the human body and how it functions, specifically focusing on how body systems work together to promote homeostasis. Each body system chapter is self-contained and can be studied in any order preferred. Extensive coverage of diseases highlights common disorders that affect the body throughout the life span. Case Studies and Career Focus features help learners apply knowledge and consider careers for which an understanding of Anatomy and Physiology is essential (crime scene investigators, toxicologists, estheticians, medical animation specialists, food safety specialists, health care, etc.). Concept Maps illustrate how structure relates to function and Body Systems Working Together to Maintain Homeostasis show learners how the entire body works as a whole. Essential laboratory exercises included at the end of each chapter provide hands-on lab experience, without the need for a separate lab manual. Key terms with phonetic pronunciations help build vocabulary. The CD-ROM that accompanies the book engages learners through interactive activities, quizzes and animations. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Human Digestive System Videotape - ANONIMO 1997-10-01

Demonstrates the gross anatomy of the digestive system and discusses the physiology of the system. Following the path of digestion, the gross anatomy of each of the regions is shown on the cadaver, along with a description of the histology of the walls of each region.

Milady's Standard Cosmetology - Milady 2002-09-09

Congratulations! You are about to start on a journey that can take you in many directions and holds the potential to make you a confident, successful professional in cosmetology. As a cosmetologist, you will become a trusted professional, the person your clients rely on to provide them with ongoing service, enabling them to look and feel their best. You will become as personally involved in your clients' lives as their physicians or dentists are, and with study and practice, you can be as much in demand as a well-regarded medical provider. - Preface.

Dr. Singh's NEET PG MCQs for Dental Students - Brijendra Singh 2017-01-01

This book Dr. Singh's NEET PG MCQ's for Dental Students Anatomy Question Bank is being crafted and is as per latest syllabus and guidelines of the NEET PG for Dental students. Anatomy MCQ's are based on Gray's Anatomy for the authenticity and accuracy and is complete book with latest question bank today. Multiple Choice Questions are based on concepts like clinical application, anatomical basis of the problems and important relations. Book is covering complete syllabus for anatomy for Dental Students and is divided in four sections like, Head & Neck, Brain, Embryology

& Histology as per Dental Council of India syllabus. This book is complete in all aspects and is having more than 2250 MCQ's. Each section is sub divided into small chapters like osteology, joints, arteries, cranial nerves and veins on system basis as well as region wise for study like face, triangles, oral cavity, salivary glands, cranial venous sinuses etc. Embryology section, is week wise and system wise. Histology section is also chapter wise general and system wise as per DCI syllabus and NEET PG guidelines for Dental students.

Textbook of pharmacognosy - T. E. Wallis 1985

AACN Procedure Manual for High-acuity, Progressive, and Critical Care - Debra J. Lynn-McHale Wiegand 2017

AACN Procedure Manual for Critical Care - E-Book - AACN 2013-11-18

The AACN Procedure Manual for Critical Care, 6th Edition presents procedures for the critical care environment in an illustrated, consistent, and step-by-step format. The Procedures and Patient Monitoring sections are presented in a tabular format that includes special considerations and rationales for each intervention. References have been meticulously reviewed to ensure that the most authoritative and timely standards of practice are used. Additionally, the references supporting care recommendations are identified according to the latest AACN Evidence Leveling

System to ensure that you have a complete understanding of the strength of the evidence base. UNIQUE! AACN-sponsored content ensures the highest standards of practice Comprehensive, clear, easy-to-use format allows you to quickly find and review the exact content you need Rationales provide complete information on every procedure Identified AP procedures help you judge whether a procedure is in your scope of practice Patient safety highlighted with new icons for patient identification and time-out Joint Commission Universal Protocols CDC Standard Precautions for hand washing and applying protective clothing and equipment highlighted with new icons UNIQUE! Clarity of Evidence Leveling helps you quickly grasp the strength of the evidence supporting the care recommendations Reviewed and Updated References comply with the highest standards of critical care practice Alphabetical procedures index inside the front cover provides easy access Reader-friendly design changes make it easier to identify and utilize special features

The locomotor system of the domestic mammals - A. Schummer 1986

Basics of Electrotherapy - Khatri 2003-01-01

The purpose of this book is to provide a foundation of knowledge for most of the type of the patients with electrotherapeutic modalities. It has eleven chapters which focus on Electrotherapy - its origin, analysis and safety precautions.