Respiratory Care Anatomy and Physiology - Will Beachey 2017-04-14
Prepare to think critically, take a more clinical perspective, and connect theory with practice!
Written specifically for respiratory care students in an easy-to-understand format, Respiratory Care Anatomy and Physiology: Foundations for Clinical Practice, 4th Edition details applied respiratory and cardiovascular physiology and how anatomy relates to physiological functions. Content spans the areas of detailed anatomy and physiology of the pulmonary, cardiovascular, and renal systems, and covers the physiological principles underlying common therapeutic, diagnostic, and monitoring therapies and procedures. Thoroughly updated to reflect changes in the NBRC exam, this comprehensive, clinically relevant text features open-ended concept questions that help you learn how to think like the expert you aim to become. Chapter outlines, chapter objectives, key terms, and a bulleted points to remember feature highlight important concepts and make content more accessible. Open-ended concept questions require reasoned responses based on thorough comprehension of the text, fostering critical thinking and discussion. Clinical Focus boxes throughout the text place key subject matter in a clinical context to help you connect theory with practice by understanding how physiology guides clinical decision-making in the real world. Appendices contain helpful tables, formulas and definitions of terms and symbols. Evolve resources include a 600-question test bank in NBRC-style, PowerPoint presentations with ARS questions, an image collection, and an answer key to concept questions. UPDATED! Thoroughly updated content reflects changes in the NBRC exam. NEW and UPDATED! New images enhance understanding of key concepts.

Teaching Anatomy - Lap Ki Chan 2015-01-29
Teaching Anatomy: A Practical Guide is the first book designed to provide highly practical advice to both novice and experienced gross anatomy teachers. The volume provides a theoretical foundation of adult learning and basic anatomy education and includes chapters focusing on specific issues that teachers commonly encounter in the diverse and challenging scenarios in which they teach. The book is designed to allow teachers to adopt a student-centered approach and to be able to give their students an effective and efficient overall learning experience. Teachers of gross anatomy and other basic sciences in undergraduate healthcare programs will find in this unique volume invaluable information presented in a problem-oriented, succinct, and user-friendly format. Developed by renowned, expert authors, the chapters are written concisely and in simple language, and a wealth of text boxes are provided to bring out key points, to stimulate reflection on the reader's own situation, and to provide additional practical tips. Educational theories are selectively included to explain the theoretical foundation underlying practical suggestions, so that teachers can appropriately modify the strategies described in the book to fit their own educational environments. Comprehensive and a significant contribution to the literature, Teaching Anatomy: A Practical Guide is an indispensable resource for all instructors in gross anatomy.

Air-Breathing Fishes - Jeffrey B. Graham 1997-07-04
Air Breathing Fishes: Evolution, Diversity, and Adaptation is unique in its coverage of the evolution of air-breathing, incongruously because it focuses exclusively on fish. This important and fascinating book, containing nine chapters that present the life history, ecology, and physiology of many air-breathing fishes, provides an exceptional overview of air-breathing biology. Each chapter provides a historical background, details the present status of knowledge in the field, and defines the questions needing attention in future research. Thoroughly referenced, containing more than 1,000 citations, and well documented with figures and tables, Air-Breathing Fishes is comprehensive in its coverage and will certainly have wide appeal. Researchers in vertebrate biology, paleontology, ichthyology, vertebrate evolution, natural history, comparative physiology, anatomy and many other fields will find something new and intriguing in Air-Breathing Fishes. Offers a complete overview of an important and immensely interesting area of research Provides a perspective of air-breathing fish that spans 300 million years of vertebrate evolution Contains numerous illustrations as well as comprehensive charts Provides a synoptic treatment of all the known air-breathing species with important data on their morphological and physiological adaptations

Hole's Human Anatomy and Physiology - David Shier 2019
Hole's Human Anatomy and Physiology provides a concise summary of the recent advance in the field of human anatomy and physiology with an emphasis on the relevant clinical applications of the latest developments. This book is an essential resource for students of anatomy and physiology to understand the basic concepts of the human body. The book is divided into seven parts, each covering a specific area of study, including tissues, systems, and processes of the human body. The book also includes a number of illustrations and diagrams to help readers better understand the concepts discussed. Overall, Hole's Human Anatomy and Physiology is a valuable resource for students and professionals in the field of human anatomy and physiology.
Anatomy Of Lungs Ppt Slides


On the Parts of Animals - Aristotle / Ogle William 1900-01-01 外国经典原著作品,包括最具代表性的文学大师和最有影响的代表作品

躯体的智慧 - 2017
Pathophysiology-Kathryn L. McCance 2018-02-14 Well-known for its authoritative and comprehensive coverage, complete treatment of pediatric pathophysiology, and the most extensive illustration program in its field, this textbook features expert content on everything from the general principles of pathophysiology to detailed discussions of genetics and specific diseases. Chapters on alteration present the pathophysiology, clinical manifestations, and evaluation and treatment of each disease to help you learn to identify normal anatomy and physiology, as well as alterations of function in adults and in children.

Guyton and Hall Textbook of Medical Physiology  - John E. Hall 2020-06-19 Known for its clear presentation style, single-author voice, and focus on content most relevant to clinical and pre-clinical students, Guyton and Hall Textbook of Medical Physiology, 14th Edition, employs a distinctive format to ensure maximum learning and retention of complex concepts. A larger font size emphasizes core information, while supporting information, including clinical examples, are detailed in smaller font and highlighted in pale blue - making it easy to quickly skim the essential text or pursue more in-depth study. This two-tone approach, along with other outstanding features, makes this bestselling text a favorite of students worldwide. Offers a clinically oriented perspective written with the clinical and preclinical student in mind, bridging basic physiology with pathophysiology. Focuses on core material and how the body maintains homeostasis to remain healthy, emphasizing the important principles that will aid in later clinical decision making. Presents information in short chapters using a concise, readable voice that facilitates learning and retention. Contains more than 1,200 full-color drawings and diagrams - all carefully crafted to make physiology easier to understand. Features expanded clinical coverage including obesity, metabolic and cardiovascular disorders, Alzheimer's disease, and other degenerative diseases. Includes online access to interactive figures, new audio of heart sounds, animations, self-assessment questions, and more. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

Pathobiology of Human Disease  - 2014-08-01 Pathobiology of Human Disease bridges traditional morphologic and clinical pathology, molecular pathology, and the underlying basic science fields of cell biology, genetics, and molecular biology, which have opened up a new era of research in pathology and underlie the molecular basis of human disease. The work spans more than 48 different biological and medical fields, in five basic sections: Human Organ Systems Molecular Pathology/Basic Mechanisms of Diseases Animal Models/Other Model Systems Experimental Pathology Clinical Pathology Each article provides a comprehensive overview of the selected topic to inform a broad spectrum of readers from research professionals to advanced undergraduate students. Reviews quantitative advances in the imaging and molecular analysis of human tissue, new microarray technologies for analysis of genetic and chromosomal alterations in normal and
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Diseased cells and tissues, and new transgenic models of human disease using conditional, tissue-specific gene targeting Articles link through to relevant virtual microscopy slides, illustrating side-by-side presentation of "Normal" and "Disease" anatomy and histology images Fully-annotated with many supplementary full color images, graphs, tables, and video files linked to data sets and to live references, enabling researchers to delve deeper and visualize solutions

Cellular and Molecular Neurophysiology-Constance Hammond 2008

Emerging Infectious Diseases- 2003

Braunwald's Heart Disease-Douglas P. Zipes 2018-02-19


DC Dutta's Textbook of Obstetrics-Hiralal Konar 2018-03-31

This ninth edition has been fully revised to provide clinicians and trainees with the latest information and developments in the field of obstetrics. Beginning with discussion on female reproductive anatomy, physiological changes in pregnancy, the foetus, placenta and foetal membranes, the following chapters explain antenatal care and normal labour. The following sections cover the diagnosis and management of numerous disorders and complications that may occur during pregnancy and in labour. A complete chapter is dedicated to imaging, amniocentesis and clinical tests, and the final section presents photographs of instruments, specimens, sonograms, MR images, and drugs. The book provides guidelines from different professional and academic organisations including RCOG, ACOG, WHO, FIGO, NICHD, CDC, and NICE. Summary tables, algorithms, boxes, flowcharts and 'key points' are given in each chapter to assist revision. Key points Fully revised, new edition presenting latest developments in the field of obstetrics Highly illustrated with clinical
photographs and learning tools Provides guidelines from various professional and academic organisations Previous edition (9789351527237) published in 2015

Nancy Caroline’s Emergency Care in the Streets-American Academy of Orthopaedic Surgeons (AAOS) 2017-08-15 This fully updated training system covers every competency statement of the National EMS Education Standards for Paramedics with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking.

Porth's Pathophysiology-M. Annie Muller 2018-11 Publisher's Note: Products purchased from 3rd Party sellers are not guaranteed by the Publisher for quality, authenticity, or access to any online entitlements included with the product. The 10th edition of Porth's Pathophysiology: Concepts of Altered Health States continues a legacy of excellence by providing comprehensive, nursing-focused coverage designed to help grasp both the physical and psychological aspects of altered health. The book's unique emphasis on "concepts" of altered health states, as opposed to factual descriptions of diseases and disorders, helps students grasp both the physical and psychological aspects of altered health. Porth's Pathophysiology: Concepts of Altered Health States Tenth Edition Tommie L. Norris, DNS, RN Meet today's clinical challenges with the trusted authority in pathophysiology Make the most of your pathophysiology course and master the knowledge to ensure clinical success. Trusted for more than 30 years and updated to reflect today's nursing challenges, this engaging text makes complex concepts accessible and helps you easily and confidently grasp normal body function, the effects of disease on body systems, and the body's ability to compensate and adapt. This edition also considers the many technological advances that allow healthcare providers to diagnose earlier and with more accuracy. Highlights of the Tenth Edition Approachable presentation builds understanding from basic to advanced concepts and defines key terms as you progress. "Chunked" content keeps you focused on the most critical information and helps you review salient points efficiently. Unit-Opening Case Studies, which are revisited in one or more chapters in the unit, bring pathophysiology to life and equip you for success in clinical practice. Approximately 1,000 vibrant illustrations clarify the clinical manifestations of diseases and disease processes. Understanding boxes break physiologic processes and phenomena into their sequential parts, providing insight into the many opportunities for disease to disrupt the processes. Key Points boxes and In Summary sections reduce the need for memorization and help you incorporate important points into broader conceptual units. NEW! Pediatric Considerations and Geriatric Considerations boxes in each chapter specify how the chapter content applies to these two special populations. NEW! Concept Mastery Alerts explain topics that students can find confusing. Review Exercises at the end of each chapter test your retention and identify areas for further study. References provide fast, efficient access to normal laboratory values in both conventional and SI units, as well as a comprehensive glossary. Narrated animations referenced by icons in the text and available online enhance your understanding of the most challenging and clinically relevant concepts.

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