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Clinical Anatomy and Physiology of the Visual System

Elsevier Providing the ocular anatomy and physiology content needed for a thorough comprehension of this complex field, **Clinical Anatomy and Physiology of the Visual System, 4th Edition**, offers a solid foundation for recognizing and understanding specific clinical situations and how they relate to anatomic structure. This concise, well-referenced resource covers the clinical anatomy of the eye, its adnexa and visual pathways, and histologic information—the information you need for success in coursework, certification exams, and clinical practice. Features vivid, full-color illustrations that help you visualize the clinical anatomy of the eye along with the cellular physiology behind diseases and disorders of the visual system. Emphasizes clinical application throughout, helping you better understand the processes that occur in disease and dysfunction. Clinical Comment sections offer a unique focus on clinical situations, conditions, diseases, and treatments. Contains new OCT, OCTA, MRI, and CT images that demonstrate clinical views of ocular anatomy. OCT technology is incorporated to describe the retinal layers, newly described anatomical components of the vitreous, corneal and anterior chamber angle anatomy, and the choroidal and retinal vasculature. Covers current topics such as genes essential in eye development, scleral and choroidal changes occurring with myopia progression, limbal stem cells, age-related macular degeneration and VEGF therapies, and microinvasive glaucoma surgical procedures. Includes updated concepts and terminology: Edinger Westfall preganglionic cells, sensory innervation to the cornea, knees of Wilbrand, intrinsically photosensitive retinal ganglion cells, and more. Provides expert coverage by a practicing optometrist, giving you a practical framework for recognizing and understanding clinical situations, problems, and treatments. 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.

Clinical Anatomy and Physiology of the Visual System

Butterworth-Heinemann Originally published: Clinical anatomy of the visual system / Lee Ann Remington; with a contribution by Eileen C. McGill.

Clinical Anatomy of the Visual System E-Book

Elsevier Health Sciences Taking the place of the multiple texts traditionally needed to cover visual anatomy and physiology, **Clinical Anatomy and Physiology of the Visual System, 3rd Edition** dramatically lightens your load by providing one book that covers it all! This concise, well-referenced resource contains information on the clinical anatomy of the eye, its adnexa and visual pathways, histologic information, plus newly added content on physiology of the human ocular structures. Vivid illustrations complement the text and provide clinical information on diseases and disorders that represent departures from normal clinical anatomy. Comprehensive physiology coverage clarifies the integration between structure and function, eliminating your need for multiple books on the anatomy and physiology of the visual system. An emphasis on clinical application helps you better understand the processes that occur in disease and dysfunction. Genetic information keeps you current with the latest developments in visual anatomy and physiology. Full-color illustrations throughout the text enhance your understanding of anatomical and clinical information. UNIQUE! Clinical Comment sections provide a solid foundation for recognizing and understanding clinical situations, conditions, diseases, and treatments. Photos of normal eye structures illustrate clinical appearance and demonstrate how appearance is directly related to structure. Geriatric coverage, including aging changes in ocular tissue and the visual pathway, keeps you up-to-date with the expanding field of geriatric care. UNIQUE! Expert coverage written by an actual optometrist gives you a practical framework for recognizing and understanding clinical situations, problems, and treatments.

Visual Essentials of Anatomy and Physiology

Pearson College Division **Visual Essentials of Anatomy & Physiology** combines a visual approach with a modular organization to deliver an easy-to-use and time-efficient book that uniquely meets the needs of today's students--without sacrificing the coverage of A&P topics required for careers in nursing and other allied health professions. This book is geared toward students enrolled in a one-semester A&P course. This package contains: **Visual Essentials of Anatomy & Physiology**

Anatomy and Physiology Made Incredibly Visual!

Lippincott Williams & Wilkins Using graphic presentation, this book aims to maximize the power of visual thinking in understanding anatomy and physiology. Hundreds of detailed and colourful photographs, diagrams, charts, and other visual aids demonstrate the anatomic structures and physiologic processes of each body system.

Clinical Anatomy and Physiology of the Visual System E-Book

Elsevier Health Sciences Providing the ocular anatomy and physiology content needed for a thorough comprehension of this complex field, **Clinical Anatomy and Physiology of the Visual System, 4th Edition**, offers a solid foundation for recognizing and understanding specific clinical situations and how they relate to anatomic structure. This concise, well-referenced resource covers the clinical anatomy of the eye, its adnexa and visual pathways, and histologic information—the information you need for success in coursework, certification exams, and clinical practice. Features vivid, full-color illustrations that help you visualize the clinical anatomy of the eye along with the cellular physiology behind diseases and disorders of the visual system. Emphasizes clinical application throughout, helping you better understand the processes that occur in disease and dysfunction. Clinical Comment sections offer a unique focus on clinical situations, conditions, diseases, and treatments. Contains new OCT, OCTA, MRI, and CT images that demonstrate clinical views of ocular anatomy. OCT technology is incorporated to describe the retinal layers, newly described anatomical components of the vitreous, corneal and anterior chamber angle anatomy, and the choroidal and retinal vasculature. Covers current topics such as genes essential in eye development, scleral and choroidal changes occurring with myopia progression, limbal stem cells, age-related macular degeneration and VEGF therapies, and microinvasive glaucoma surgical procedures. Includes updated concepts and terminology: Edinger Westfall preganglionic cells, sensory innervation to the cornea, knees of Wilbrand, intrinsically photosensitive retinal ganglion cells, and more. Provides expert coverage by a practicing optometrist, giving you a practical framework for recognizing and understanding clinical situations, problems, and treatments.

Visual Anatomy & Physiology

Benjamin-Cummings Publishing Company CD-ROM: Uses animation, sound, narration and video to explain the muscular, nervous, cardiovascular, respiratory, urinary, endocrine and digestive systems of the human body. Includes tutorials, quizzes, and tests.

Understanding Anatomy & Physiology

A Visual, Auditory, Interactive Approach

F.A. Davis Tackle a tough subject in bite-sized pieces. A seemingly huge volume of information is organized into manageable sections to make complex concepts easy to understand and remember. You begin with an overview of the body, including its chemical and cellular structures, then progress to one-of-a-kind portrayals of each body system, grouped by function. Full-color illustrations, figures, sidebars, helpful hints, and easy-to-read descriptions make information crystal clear. Each unique page spread provides an entire unit of understanding, breaking down complex concepts into easy-to-grasp sections for today's learner.

Dynamic Human CD-ROM

The 3D Visual Guide to Anatomy and Physiology

WCB/McGraw-Hill Interactively covers each body system, demonstrating the anatomy, physiology, histology and clinical applications of each system.

Visual Essentials of Anatomy & Physiology, Books a la Carte Edition

Pearson This edition features the exact same content as the traditional book in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value for your students—this format costs 35% less than a new textbook. Visual Essentials of Anatomy & Physiology combines a visual approach with a modular organization to deliver an easy-to-use and time-efficient book that uniquely meets the needs of today's students—without sacrificing the coverage of A&P topics required for careers in nursing and other allied health professions. This book is geared toward students enrolled in a one-semester A&P course. This package contains: Books a la Carte for Visual Essentials of Anatomy & Physiology

Modern Neuro-Ophthalmology: Anatomy and Physiology of the Human Visual System

Visual Anatomy & Physiology, Interactive Physiology 10 System Suite CD-ROM, Atlas of the Human Body, Masteringa&p with Etext and Access Card

Pearson

Understanding Anatomy & Physiology

A Visual, Auditory, Interactive Approach

F A Davis Company Overview of the body, including chemical and cellular structures. Body-system organization, grouped by function. A focus on visual appeal—perfect for all reading levels and preferences. Rich, comprehensive coverage providing a firm foundation in anatomy & physiology. Consistent pedagogical features in each chapter, including... "That Makes Sense" boxes offer mnemonics, practical example, and hints to help you remember key information. "Fast Facts" offer interesting points relating to the body system covered in the chapter. "Life Lesson" boxes use clinical examples to show how anatomy and physiology relate to daily living. "Review of Terms" defines key words at the end of each chapter. Multiple-choice review questions. "Learning Target" exercises help students reinforce what they learned in each chapter. "The Body AT WORK" explains how specific physiological processes work.

The Dynamic Human

A 3-D Visual Guide to Anatomy and Physiology

Interactively covers each body system, demonstrating the anatomy, physiology, histology and clinical applications of each system.

Clinical Anatomy of the Visual System

Butterworth-Heinemann - Full color illustrations throughout enhance the anatomical and clinical information.- The only anatomy text written by an optometrist for optometrists and students -- it provides a strong foundation for recognizing and understanding clinical situations, problems, and treatments.

Visual Essentials of Anatomy & Physiology & Essentials of Interactive Physiology 10-System Suite CD-ROM & Modified Masteringa&p with Pearson Etext --

Pearson 0321950860 / 9780321950864 Visual Essentials of Anatomy & Physiology & Essentials of Interactive Physiology 10-System Suite CD-ROM & Modified Masteringa&p with Pearson eText -- ValuePack Standalone Access Card -- for Visual Essentials of Anatomy & Physiology Package Package consists of: 0321780779 / 9780321780775 Visual Essentials of Anatomy & Physiology 0321870867 / 9780321870865 Modified Masteringa&p with Pearson eText -- ValuePack Standalone Access Card -- for Visual Essentials of Anatomy & Physiology 0321949196 / 9780321949196 Essentials of Interactive Physiology 10-System Suite CD-ROM

Visual Development

Springer The only book on the market to cover the psychophysics, anatomy, physiology, and clinical deficits of the developing visual system in an accessible format and length. The visual system is the most commonly studied aspect of the nervous system and is the primary model for the study of both normal development and the effects of environment and sensory deprivation on development. This third edition highlights new research and features a large number of illustrations, many in color. It can be used as a supplementary text in neuroscience and ophthalmology courses. This book is a great resource for both novice and advanced researchers in the field of vision.

Spatial Vision

Oxford University Press This volume presents an integrated view of how we perceive the spatial relations in our visual world, covering anatomical, physiological, psychophysical, and perceptual aspects. The authors discuss the visual system primarily in terms of spatial frequency analysis using a linear systems approach. They review evidence supporting a local, patch-by-patch spatial frequency filtering of visual information rather than the global Fourier analysis other researchers have proposed. A separate chapter addresses the special issues surrounding color vision, and a brief, nonmathematical introduction to linear systems analysis is included for the uninitiated reader.

Webvision

The Organization of the Retina and Visual System

A Manual of Visual Anatomy and Physiology

Butterworth-Heinemann This manual contains handouts designed for a course in the anatomy and physiology of the visual system.

Human Color Vision

Springer Our understanding of human color vision has advanced tremendously in recent years, helped along by many new discoveries, ideas, and achievements. It is therefore timely that these new developments are brought together in a book, assembled specifically to include new research and insight from the leaders in the field. Although intentionally not exhaustive, many aspects of color vision are discussed in this Springer Series in Vision Research book including: the genetics of the photopigments; the anatomy and physiology of photoreceptors, retinal and cortical pathways; color perception; the effects of disorders; theories on neuronal processes and the evolution of human color vision. Several of the chapters describe new, state-of-the-art methods within genetics, morphology, imaging techniques, electrophysiology, psychophysics, and computational neuroscience. The book gives a comprehensive overview of the different disciplines in human color vision in a way that makes it accessible to specialists and non-specialist scientists alike. About the Series: The Springer Series in Vision Research is a comprehensive update and overview of cutting edge vision research, exploring, in depth, current breakthroughs at a conceptual level. It details the whole visual system, from molecular processes to anatomy, physiology and behavior and covers both invertebrate and vertebrate organisms from terrestrial and aquatic habitats. Each book in the Series is aimed at all individuals with interests in vision including advanced graduate students, post-doctoral researchers, established vision scientists and clinical investigators. The series editors are N. Justin Marshall, Queensland Brain Institute, The University of Queensland, Australia and Shaun P. Collin, Neuroecology Group within the School of Animal Biology and the Oceans Institute at the University of Western Australia.

Modern Neuro-Ophthalmology: Anatomy and Physiology of the Human Visual System

The effective practice of neuro-ophthalmology requires obtaining a detailed history and physical examination, which form the foundation to diagnose the complex visual disorders that can be caused by disease that affects the eye or the brain. While a dedicated neuro-ophthalmologist has specialized training, it is also extremely important for general neurologists, ophthalmologists, and primary care practitioners to have familiarity with this examination in order to facilitate effective patient care. To develop these skills, it has been traditional to depend on neuro-ophthalmology textbooks. However, most textbooks rely on still figures (or possibly separate supplemental digital resources), which necessarily

constrain the ability to fully convey the principles that guide nuanced clinical decision-making. We are creating the Modern Neuro-Ophthalmology iBook because we believe that this format has the potential to revolutionize didactic methods, creating a completely new experience with fully integrated, seamless, interactive multimedia. Our goal is for this resource to be clear, comprehensive, illustrative, easy to navigate, and enjoyable to use.

Visual Development

Springer The only book on the market to cover the psychophysics, anatomy, physiology, and clinical deficits of the developing visual system in an accessible format and length. The visual system is the most commonly studied aspect of the nervous system and is the primary model for the study of both normal development and the effects of environment and sensory deprivation on development. This third edition highlights new research and features a large number of illustrations, many in color. It can be used as a supplementary text in neuroscience and ophthalmology courses. This book is a great resource for both novice and advanced researchers in the field of vision.

The Eye

Basic Sciences in Practice

Elsevier Health Sciences The Eye: Basic Sciences in Practice provides highly accessible, concise coverage of all the essential basic science required by today's ophthalmologists and optometrists in training. It is also essential reading for those embarking on a career in visual and ophthalmic science, as well as an invaluable, current refresher for the range of practitioners working in this area. This new fourth edition has now been fully revised and updated in line with current curricula, key research developments and clinical best practice. It succinctly incorporates the massive strides being made by genetics and functional genomics based on the Human Genome Project, the new understanding of how the microbiome affects all aspects of immunology, the remarkable progress in imaging technology now applied to anatomy and neurophysiology, as well as exciting new molecular and other diagnostic methodologies now being used in microbiology and pathology. All this and more collectively brings a wealth of new knowledge to students and practitioners in the fields of ophthalmology and visual science. For the first time, this (print) edition also now comes with bonus access to the complete, fully searchable electronic text - including carefully selected additional information and new video content to further explain and expand on key concepts - making The Eye a more flexible, comprehensive and engaging learning package than ever before. The only all-embracing textbook of basic science suitable for trainee ophthalmologists, optometrists and vision scientists - other books concentrate on the individual areas such as anatomy. Attractive page design with clear, colour diagrams and text boxes make this a much more accessible book to learn from than many postgraduate textbooks. Presents in a readable form an account of all the basic sciences necessary for an understanding of the eye - anatomy, embryology, genetics, biochemistry, physiology, pharmacology, immunology, microbiology and infection and pathology. More on molecular pathology. Thorough updating of the sections on pathology, immunology, pharmacology and immunology. Revision of all other chapters. More colour illustrations Comes with complete electronic version

The Visual Dictionary of Human Anatomy

Dk Pub Meticulously detailed, captioned diagrams and illustrations, as well as full-color photographs, introduce the basics of human anatomy and physiology and explain how the various systems of the body work and function together.

Next Generation Artificial Vision Systems

Reverse Engineering the Human Visual System

Artech House This milestone interdisciplinary work brings you to the cutting edge of emerging technologies inspired by human sight, ranging from semiconductor photoreceptors based on novel organic polymers and retinomorphic processing circuitry to low-powered devices that replicate spatial and temporal processing in the brain. Moreover, it is the first work of its kind that integrates the full range of physiological, engineering, and mathematical issues and advances together in a single source. Emphasizing both the devices and the software simulation point of view, this definitive book provides state-of-the-art retinal cell and primary visual cortex (V1) models that reflect our rapidly advancing understanding of human visual signal communication networks. It explores design and fabrication considerations behind real-world implementations, including organic light sensors that mimic human rods and cones, analog circuitry to perform retinal processing, algorithm design for motion detection and tracking, wavelet-based visual detection systems, and interest point detectors. You get the latest techniques for resolution and motion detection enhancement, including both the design and applications of biologically motivated spatio-temporal filtering of visual data, as well as a statistical framework for studying object detection in a phase-invariant manner and tools for describing local object invariants. Moreover, this trail-blazing work includes insight into the challenges that lie ahead in this cutting-edge field.

Physiology + New MasteringA&P(R) With Pearson Etext

Pearson College Division This package contains: 0321506820: InterActive Physiology 10-System Suite CD-ROM (Valuepack Item) 0321735463: Martini's Atlas of the Human Body (ValuePack Version) 0032178667X: Visual Anatomy & Physiology 0321870794: NEW MasteringA&P(R) with Pearson eText-- ValuePack Standalone Access Card -- for Visual Anatomy & Physiology

Research Awards Index

Biomedical Index to PHS-supported Research

Neuroprosthetics

Theory and Practice

World Scientific A study of neuroprosthetics. It is broadly divided into three sections which address: neuroanatomy and neurophysiology, biomaterials and biocompatibility, stimulation and recording techniques; clinical applications of neuroprosthetics; and future developments.

Biomedical Index to PHS-supported Research: pt. A. Subject access A-H

Health Professions Educational Assistance, Hearing, 89-1, Sept. 8, 1965

Crash Course Anatomy and Physiology

Elsevier Health Sciences Crash Course - your effective every-day study companion PLUS the perfect antidote for exam stress! Save time and be assured you have the essential information you need in one place to excel on your course and achieve exam success. A winning formula now for over 20 years, each series volume has been fine-tuned and fully updated - with an improved full-colour layout tailored to make your life easier. Especially written by senior students or junior doctors - those who understand what is essential for exam success - with all information thoroughly checked and quality assured by expert Faculty Advisers, the result are books which exactly meet your needs and you know you can trust. Each chapter guides you succinctly through the full range of curriculum topics, integrating clinical considerations with the relevant basic science and avoiding unnecessary or confusing detail. A range of text boxes help you get to the hints, tips and key points you need fast! A fully revised self-assessment section matching the latest exam formats is included to check your understanding and aid exam preparation. The accompanying enhanced, downloadable eBook completes this invaluable learning package. Series volumes have been honed to meet the requirements of today's medical students, although the range of other health students and professionals who need rapid access to the essentials of anatomy and physiology will also love the unique approach of Crash Course. Whether you need to get out of a fix or aim for a distinction Crash Course is for you! Provides the exam syllabus in one place - saves valuable revision time Written by senior students and recent graduates - those closest to what is essential for exam success Quality assured by leading Faculty Advisers - ensures complete accuracy of information Features the ever popular 'Hints and Tips' boxes and other useful aide-mémoires - distilled wisdom from those in the know Updated self-assessment section matching the latest exam formats - confirm your understanding and improve exam technique fast

Visual Mnemonics for Physiology and Related Anatomy

Blackwell Publishing Visual Mnemonics for Physiology and Related Anatomy (VMS) uses cartoon drawings that make the material easier to learn with tremendous recall months later. Whether you need a fast Physiology review for your course or USMLE Step 1, Visual Mnemonics for Physiology and Related Anatomy is the fun way to study. Perfect for

medical students -- physician assistants, nurse practitioners and related health professionals will also find Visual Mnemonics valuable.

Visual Anatomy & Physiology + Modified MasteringA&P with Pearson EText + Martini's Atlas of the Human Body + Interactive Physiology 10-system Suite

Pearson 0133876470 / 9780133876475 Visual Anatomy & Physiology & Modified MasteringA&P with Pearson eText --Access Card -- for Visual Anatomy & Physiology & Martini's Atlas of the Human Body & InterActive Physiology 10-System Suite CD-ROM Package Package consists of: 0321506820 / 9780321506825 InterActive Physiology 10-System Suite CD-ROM (Valuepack Item) 0321918940 / 9780321918949 Visual Anatomy & Physiology 0321963083 / 9780321963086 Martini's Atlas of the Human Body (ValuePack Version) 0321974026 / 9780321974020 Modified MasteringA&P with Pearson eText -- ValuePack Access Card -- for Visual Anatomy & Physiology

Fundamentals of Children and Young People's Anatomy and Physiology

A Textbook for Nursing and Healthcare Students

John Wiley & Sons Fundamentals of Children and Young People's Anatomy and Physiology contains the critical knowledge required to provide safe and effective care to young people. Emphasising the application of evidence-based theory to practice, this comprehensive yet accessible textbook helps nursing and healthcare students understand how children's anatomical and physiological systems influence disease processes and treatment options differently than in adults. Highly visual, succinct yet comprehensive, this textbook presents an overview of the structure and function of each body system, supported by clinical applications demonstrating how the concepts relate to nursing in practice. Fully revised to reflect the Future Nurse Curriculum Standards, this second edition contains a new chapter on physical growth and development, discussion of social, political, and environmental impacts to children's health and wellbeing, updated problems and activities, and more. Each chapter includes a range of effective pedagogical tools, such as learning objectives, clinical considerations, body maps, and self-assessment questions. Designed to prepare students for their careers in delivering high-quality care for children in a range of settings, this leading textbook: Provides information on the anatomical and physiological changes that leads to an altered state of health Emphasises clinical application throughout, applying the anatomy and physiology to common health conditions in children Offers a structured and comprehensive approach to child-related anatomy and physiology theory to prepare students for practice Fundamentals of Children and Young People's Anatomy and Physiology is essential reading for nursing and healthcare students, and a useful reference for nurses, nursing associates, healthcare assistants, assistant practitioners, and other professionals working in the field. All content is reviewed by students for students. If you would like to be one of our student reviewers, go to www.reviewnursingbooks.com to find out more.

Central Processing of Visual Information A: Integrative Functions and Comparative Data

Springer The present volume covers the physiology of the visual system beyond the optic nerve. It is a continuation of the two preceding parts on the photochemistry and the physiology of the eye, and forms a bridge from them to the fourth part on visual psychophysics. These fields have all developed as independent specialties and need integrating with each other. The processing of visual information in the brain cannot be understood without some knowledge of the preceding mechanisms in the photoreceptor organs. There are two fundamental reasons, ontogenetic and functional, why this is so: 1) the retina of the vertebrate eye has developed from a specialized part of the brain; 2) in processing their data the eyes follow physiological principles similar to the visual brain centres. Peripheral and central functions should also be discussed in context with their final synthesis in subjective experience, i. e. visual perception. Microphysiology and ultramicroscopy have brought new insights into the neuronal basis of vision. These investigations began in the periphery: HARTLINE'S pioneering experiments on single visual elements of Limulus in 1932 started a successful period of neuronal recordings which ascended from the retina to the highest centres in the visual brain. In the last two decades modern electron microscopic techniques and photochemical investigations of single photoreceptors further contributed to vision research.

Perceiving in Depth, Volume 1

Basic Mechanisms

OUP USA "The proposed three volumes are the latest installment in Ian Howard's amazing ongoing project of providing the most comprehensive review available anywhere of all aspects of how humans and animals perceive and navigate the three-dimensional world. The current book set is even more complete in its coverage than the two previous editions have been. With 37 chapters, 1800 illustrations, and 8,000 references, it covers psychophysics, coding, physiology, development of systems and functions, results of deprivation, accommodation, physiology of disparity, binocular fusion and rivalry, binocular correspondence and the horopter, linking binocular images, cyclopean perception, stereo acuity, uses of disparity, stereopsis and perceptual organization, the Pulfrich effect, stereoscopic techniques and applications, distinguishing depth from vergence, perspective, shading, and motion parallax, constancies in visual depth perception, cue integrations, motion in depth, pathology of visual depth perception, animal depth perception, feeling, reaching, and moving, auditory distance perception, electrolocation and the thermal senses, as well as comprehensive coverage of animal navigation that could be a book on its own. Ian Howard's books have become landmarks in the field of vision science, and this current project will definitely maintain the tradition for researchers in space perception, visual neuroscience, ophthalmology, optometry, visual development, animal vision, and computational vision"--

Visual Anatomy & Physiology, A&p Application Manual, Get Ready for A&p, Interactive Physiology 10-System Suite CD-Rm, Student Worksheet, Atlas of the

Pearson 0321879376 / 9780321879370 Visual Anatomy & Physiology & Interactive Physiology 10-System Suite CD-ROM & Get Ready for A&P & Student Worksheets for Visual Anatomy & Physiology & A&P Applications Manual & Martini's Atlas of the Human Body & MasteringA&P with Pearson eText Student Access Code Card for Visual Anatomy & Physiology Package Package consists of: 0321717457 / 9780321717450 MasteringA&P with Pearson eText Student Access Code Card for Visual Anatomy & Physiology (ME Component) 0321724569 / 9780321724564 Martini's Atlas of the Human Body (ME Component) 0321741684 / 9780321741684 A&P Applications Manual (ValuePack Version) 0321741994 / 9780321741998 Student Worksheets for Visual Anatomy & Physiology (ValuePack Only) 032178667X / 9780321786678 Visual Anatomy & Physiology 0321815688 / 9780321815682 Get Ready for A&P (ValuePack only) 0805361170 / 9780805361179 Interactive Physiology 10-System Suite CD-ROM (component)

Ross & Wilson Anatomy and Physiology in Health and Illness E-Book

Elsevier Health Sciences The new edition of the hugely successful Ross and Wilson Anatomy & Physiology in Health and Illness continues to bring its readers the core essentials of human biology presented in a clear and straightforward manner. Fully updated throughout, the book now comes with enhanced learning features including helpful revision questions and an all new art programme to help make learning even easier. The 13th edition retains its popular website, which contains a wide range of 'critical thinking' exercises as well as new animations, an audio-glossary, the unique Body Spectrum® online colouring and self-test program, and helpful weblinks. Ross and Wilson Anatomy & Physiology in Health and Illness will be of particular help to readers new to the subject area, those returning to study after a period of absence, and for anyone whose first language isn't English. Latest edition of the world's most popular textbook on basic human anatomy and physiology with over 1.5 million copies sold worldwide Clear, no nonsense writing style helps make learning easy Accompanying website contains animations, audio-glossary, case studies and other self-assessment material, the unique Body Spectrum® online colouring and self-test software, and helpful weblinks Includes basic pathology and pathophysiology of important diseases and disorders Contains helpful learning features such as Learning Outcomes boxes, colour coding and design icons together with a stunning illustration and photography collection Contains clear explanations of common prefixes, suffixes and roots, with helpful examples from the text, plus a glossary and an appendix of normal biological values. Particularly valuable for students who are completely new to the subject, or returning to study after a period of absence, and for anyone whose first language is not English All new illustration programme brings the book right up-to-date for today's student Helpful 'Spot Check' questions at the end of each topic to monitor progress Fully updated throughout with the latest information on common and/or life threatening diseases and disorders Review and Revise end-of-chapter exercises assist with reader understanding and recall Over 150 animations - many of them newly created - help clarify underlying scientific and physiological principles and make learning fun