Clinical Anatomy And Physiology Of The Visual System 3e

#visual system anatomy #clinical eye physiology #ophthalmology anatomy guide #neuro-ophthalmology principles #vision science concepts

Dive deep into the intricate clinical anatomy and physiology of the visual system, gaining a comprehensive understanding of ocular structures, their functions, and their relevance in practice. This essential resource covers everything from detailed eye anatomy and visual pathway mechanisms to clinical physiology applications, making it invaluable for students, ophthalmologists, and vision science professionals seeking to master the complexities of human sight and its disorders.

Clinical Anatomy of the Visual System E-Book

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.

Clinical Anatomy and Physiology of the Visual System

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Clinical Anatomy and Physiology of the Visual System

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.

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more. Provides expert coverage by a practicing optometrist, giving you a practical framework for recognizing and understanding clinical situations, problems, and treatments.

Clinical Anatomy of the Visual System

- 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.

Clinical Anatomy of the Eye

Clinical Anatomy of the Eye has proved to be a very popular textbook for ophthalmologists and optometrists in training all over the world. The objective of the book is to provide the reader with the basic knowledge of anatomy necessary to practice ophthalmology. It is recognised that this medical speciality requires a detailed knowledge of the eyeball and the surrounding structures. The specialist's knowledge should include not only gross anatomic features and their development, but also the microscopic anatomy of the eyeball and the ocular appendages. The nerve and blood supply to the orbit, the autonomic innervation of the orbital structures, the visual pathway, and associated visual reflexes should receive great emphasis. The practical application of anatomic facts to ophthalmology has been emphasised throughout this book in the form of Clinical Notes in each chapter. Clinical problems requiring anatomic knowledge for their solution are presented at the end of each chapter. Illustrations are kept simple and overview drawings of the distribution of the cranial and autonomic nerves have been included.

Ocular Anatomy and Physiology

Updated to include new material for beginners in ophthalmology and optometry, Ocular Anatomy and Physiology, Second Edition is an essential text that covers a range of fundamental information for students and clinicians. With collaborations from Al Lens, Sheila Coyne Nemeth, and Janice K. Ledford, Ocular Anatomy and Physiology, Second Edition now begins with a jump-start chapter to overview the topic for those new to the field of eye care. Chapter two delves into embryology--a topic rarely covered--and addresses each structure of the eye, including the bony orbit, eyebrows, eye lids, lacrimal system, extraocular muscles, and the globe. While the text continues to emphasize normal anatomy, each chapter contains a glossary of common disorders. Also included is a description of diagnostic methods for examining various tissues. The physiology of various structures and systems is explained, including the visual pathway, the inflammatory response, immunology, binocular vision, refractive errors, and accommodation. To enhance the reader's understanding of each topic, illustrations are provided. Features of the Second Edition: New jump-start chapter for beginners Details on diagnostic methods for each structure or segment, including optical coherence tomography and retinal thickness analysis Glossary of common disorders at the end of each chapter With new features and information, Ocular Anatomy and Physiology, Second Edition is a valuable text for ophthalmic and optometric assistants, training facilities, and practices, as well as beginners in the field of eye care, including sales representatives and pre-med students.

A Visual Guide to Clinical Anatomy

A solid knowledge of anatomy is essential within any number of fields throughout healthcare. A core discipline of all medical degrees, anatomy is generally taught in a series of laboratory sessions and lectures, requiring students to identify a particular organ or structure, explain its function and describe its relation to normal physiology. Students are expected to learn – and practicing clinicians required to remember – an enormous amount of anatomical information. A Visual Guide to Clinical Anatomy is an extraordinary visual reference guide, containing more than 900 high-quality illustrations of the human anatomy. Author and illustrator Robert H. Whitaker draws upon his 30 years of experience as an anatomy demonstrator and lecturer at Cambridge University to present a simple, easy-to-understand approach to both teaching and learning the subject. Each illustration is designed to provide a summary of key anatomical and clinical information of a specific topic or clinical condition. A comprehensive yet user-friendly anatomy resource, this volume: Covers the major areas of human anatomy Provides succinct, clinically relevant information for each illustration Offers clear and accessible synopses of anatomical structures A Visual Guide to Clinical Anatomy is a valuable addition to the bookshelf of any medical student, instructor, surgical trainee, physician, or healthcare practitioner.

Physiology of the Human Eye and Visual System

The Neurology of Vision sets out the principles and information needed to understand and manage disorders of the visual pathways in the brain. The author divides vision into three components. The optical component addresses the eye's ability to properly focus light on the retina. The retinocortical component converts light into neural signals in the retina, transmitting them to the primary visual cortex. Finally, the integrative component converts this simple visual information into more complicated forms. The symptoms and signs, testing methods, and diseases of each part of the visual system are presented using this unique, structural component approach. A final chapter discusses the visual manifestations of psychiatric disturbances. The book is heavily illustrated with over 150 beautifully rendered line illustrations, 50 radiographic brain images, and 60 retinal photographs. Case studies with teaching questions are also included, to further the reader's knowledge and test understanding.

The Neurology of Vision

This book meets the growing demand among ophthalmologists, optometrists and orthoptists, in training and in practice, as well as visual neuroscientists, to have a clear, succinct and well-written textbook to objectively cover the subject of ocular and visual physiology. Ocular and visual physiology is a core knowledge component for these disciplines, and yet is often difficult to understand. However, this book clearly conveys the simple elegance of the relationship between structure and function that is the hallmark of understanding the physiology of the eye and visual system. Ocular and Visual Physiology – Clinical Application is essential reading for any one hoping to have a clear understanding of the subject. Students will find it a great resource to pass their exams. Each of the chapters has been independently reviewed and edited by an expert in the field with a clinical or visual scientific academic background. The text is based on the latest publications in peer-reviewed journals that are closely referenced within the body of the text.

Ocular and Visual Physiology

Anatomy & Physiology Made Incredibly Visual is an innovative new reference that brings clinical subjects to life using a vivid, graphic presentation. Like the Incredibly Easy series, the Incredibly Visual series takes difficult clinical topics and presents them in a clear, concise, easy-to-understand manner. The highly visual nature of this book makes anatomy and physiology fundamentals accessible to the reader in a unique and interesting way that enables quick review and comprehension as well as practical application. For each body system, the book logically first presents anatomic fundamentals necessary to understand the complex physiology of the body. Then physiologic processes are presented more visually than ever before. This new approach to clinical content maximizes the power of visual thinking by getting readers as close to the clinical content as they can get without actually being in the room with a patient. Complex ideas are broken down into their component parts, with each component made unmistakably simple in appealingly colorful and graphic ways. Readers will read less, understand more, and see things more clearly than ever before.

Anatomy and Physiology Made Incredibly Visual!

Essential Clinical Anatomy of the Nervous System is designed to combine the salient points of anatomy with typical pathologies affecting each of the major pathways that are directly applicable in the clinical environment. In addition, this book highlights the relevant clinical examinations to perform when examining a patient’s neurological system, to demonstrate pathology of a certain pathway or tract. Essential Clinical Anatomy of the Nervous System enables the reader to easily access the key features of the anatomy of the brain and main pathways which are relevant at the bedside or clinic. It also highlights the typical pathologies and reasoning behind clinical findings to enable the reader to aid deduction of not only what is wrong with the patient, but where in the nervous system that the pathology is. Anatomy of the brain and neurological pathways dealt with as key facts and summary tables essential to clinical practice. Succinct yet comprehensive format with quick and easy access facts in clearly laid out key regions, common throughout the different neurological pathways. Includes key features and hints and tips on clinical examination and related pathologies, featuring diagnostic summaries of potential clinical presentations.

Essential Clinical Anatomy of the Nervous System

Visual Fields via the Visual Pathway presents the varying visual field deficits occurring with lesions of the visual pathway. The book covers anatomy, pathology and signs and symptoms, plus visual field defects associated with specific parts of the visual pathway. Also covered is the basic theory of visual field assessment.This new edition includes

Visual Fields via the Visual Pathway

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

Dynamic Human CD-ROM

The long-awaited second edition of an authoritative reference on electrophysiologic vision testing, including detailed information on techniques and problems, basic physiology and anatomy, theoretical concepts, and clinical findings; with extensive new material. This authoritative text is the only comprehensive reference available on electrophysiologic vision testing, offering both practical information on techniques and problems as well as basic physiology and anatomy, theoretical concepts, and clinical correlations. The second edition, of the widely used text, offers extensive new material and updated information: 65 of the 84 chapters are completely new, with the changes reflecting recent advances in the field. The book will continue to be an essential resource for practitioners and scholars from a range of disciplines within vision science. The contributions not only cover new information—important material that is likely to become more important in the next decade—but also offer a long-range perspective on the field and its remarkable development in the last century. After discussing the history and background of clinical electrophysiology, the book introduces the anatomy of the retina and principles of cell biology in the visual pathways at the molecular, physiological, and biochemical levels. It relates these new findings to the techniques and interpretations of clinical tests, including the electro-oculogram (EOG), electroretinogram (ERG), and visual evoked potentials (VEP), which are discussed in detail, as are equipment, data acquisition and analysis, principles and protocols for clinical testing, diseases and dysfunction, and animal testing. Notable additions for this edition include chapters on the origin of electroretinogram waveforms, multifocal techniques, testing in standard laboratory animals, recent advances in analysis of abnormalities in disease, and the applications of these techniques to the study of genetic abnormalities.

Principles and Practice of Clinical Electrophysiology of Vision, second edition

The Handbook of Clinical Neurology Vol 102: Neuro-Ophthalmology provides a comprehensive discussion of the field of neuro-ophthalmology. The book is organized into four sections. Section 1 lays out fundamental concepts of the visual system and eye movements. It discusses the anatomy and physiology of the afferent visual system and the ocular motor system, and the neuro-ophthalmological examination. Section 2 deals with disorders of the afferent visual system, covering retinal disorders; abnormalities of the optic disc; lesions of the optic nerve; the optic chiasm; disorders of the optic tract, radiation, and occipital lobe; disorders of higher visual processing; and rehabilitative techniques. Section 3 discusses ocular motor abnormalities, including infranuclear ocular motor disorders; nuclear, internuclear, and supranuclear ocular motor disorders; nystagmus and saccadic intrusions; disorders of higher gaze control; and normal and abnormal lid function. Section 4 covers disorders of the pupil; neuro-ophthalmology of orbital disease; and functional neuro-ophthalmology. This book will be useful to early-stage physicians, as well as specialists interested in the latest developments in neuro-ophthalmology. A comprehensive resource that explores the innovative methods used to understand the visual system An in-depth study of how the brain processes vision, and the role certain functions such as eye movement play in visual diagnosis and memory Clinical and laboratory methods of evaluation that are perfect for physicians and specialists in any stage of practice

Neuro-ophthalmology

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.

Anatomy and Physiology Made Incredibly Visual!

No detailed description available for "The Orbit and the Visual Pathway".

The Orbit and the Visual Pathway

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.

Understanding Anatomy & Physiology

The text that bridges the gap between basic visual science and clinical application – now in full color Includes 3 complete practice exams! A Doody's Core Title for 2011! This comprehensive text on visual science is unique in that it highlights the fundamental aspects of monocular visual perception that are necessary to successful clinical practice. Recognized for its engaging, enjoyable style and ability to explain difficult topics in simple, easy-to-understand terms, Visual Perception goes well beyond the basics, including information from anatomy to perception. Covering a broad range of clinically-relevant topics, including color vision and its defects, spatial vision, temporal aspects of vision, psychophysics, physiology, and development and aging, the Fourth Edition of Visual Perception has been updated to include full-color figures and many new clinical images. Each chapter has been revised to keep up with the latest advances in the basic sciences, and throughout the text the linkage between basic psychophysics and clinical practice has been strengthened. Features New full-color presentation with 250 illustrations, including color vision tests and fundus photographs 3 practice exams (more than 200 multiple-choice questions) Self-assessment questions at the end of each chapter Current references from leaders in each subfield Enjoyable to Read AND Comprehensive! Experimental Approaches, Introductory Concepts, The Duplex Retina, Photometry, Color Vision, Anomalies of Color Vision, Spatial Vision, Temporal Aspects of Vision, Motion Perception, Depth Perception, Psychophysical Methodology, Functional Retinal Physiology, Parallel Processing, Striate Cortex, Information Streams and Extrastriate Processing, Gross Electrical Potentials, Development and Maturation of Vision, Practice Exams, Answers to Self-Assessment Questions, Answers to Practice Exams, References

Ocular Anatomy and Physiology

The International Society for Clinical Electroretinography provides a link between scientists who are enlarging our understanding of the normal functioning of the visual pathway, and clinicians who investigate and treat visual disturbances. The chief function of the Society is to organise symposia, where, with skill born of long practice, the participants obtain the benefits of both social and scientific contact, without detriment to either. The result ing spread of information is documented both in the society's Newsletter, and by the publication of volumes such as this, the record of the 9th Symposium held at Brighton in 1971. This meeting was a joint Symposium of the ISCERG and the International Union of Physiological Sciences. The subjects covered represent merely the interests of the organisers. The biophysical studies are represented by chapters on such divers topics as the x-ray diffraction of receptor membranes and impedance properties of outer limb suspensions. Other papers deal with the problems of maintaining the retina in vitro in a physiological condition. Papers describing techniques for investigating the functional properties of the visual system shade into those which describe new aspects of human disease. In the past such serendipity has been of value as evidenced by compal-ison between this and previous volumes. In 1965 the physiological section of the Proceedings was largely devoted to a new elec trical response, the evoked potential of the visual cortex.

Visual Perception: A Clinical Orientation, Fourth Edition

Provides a solid foundation for courses in visual perception. Featuring hundreds of drawings and photos, it covers the mechanisms and assessment of visual perception for ophthalmologic clinicians and psychologists, in reader-friendly fashion. The book treats all topics relevant to monocular visual perception--visual development, color vision, retinal and cortical physiology and more. Also included are chapters on adaptation, photometry, spatial and temporal vision, motion perception, psychophysical and electrophysiological methodology, and higher-order cortical processing.

Anatomy and Physiology of Eye

Clinical Anatomy of the Cranial Nerves combines anatomical knowledge, pathology, clinical examination, and explanation of clinical findings, drawing together material typically scattered throughout

anatomical textbooks. All of the pertinent anatomical topics are conveniently organized to instruct on anatomy, but also on how to examine the functioning of this anatomy in the patient. Providing a clear and succinct presentation of the underlying anatomy, with directly related applications of the anatomy to clinical examination, the book also provides unique images of anatomical structures of plastinated cadaveric dissections. These images are the only ones that exist in this form, and have been professionally produced in the Laboratory of Human Anatomy, University of Glasgow under the auspices of the author. These specimens offer a novel way of visualizing the cranial nerves and related important anatomical structures. Anatomy of cranial nerves described in text format with accompanying high-resolution images of professional, high-quality prosected cadaveric material, demonstrating exactly what the structures (and related ones) look like Succinct yet comprehensive format with quick and easy access to facts in clearly laid out key regions, common throughout the different cranial nerves Includes clinical examination and related pathologies, featuring diagnostic summaries of potential clinical presentations and clinically relevant questions on the anatomy of these nerves

The Visual System

Physiology of the Eye: An Introduction to the Vegetative Functions, Second Edition discusses the fundamental concept of the operating process of the visual system. The book is comprised 10 chapters that cover the functions and properties of the parts of the ocular system. The text first provides a review of ocular anatomy, and then proceeds to covering parts, including aqueous humor, vitreous body, and lens. The next two chapters deal with various concerns in cornea, such as swelling pressure and metabolism. Chapter 8 discusses the sclera, while Chapter 9 tackles the retina. The last chapter talks about the tears and the lids. The book will be most useful to both optometrists and ophthalmologists. Readers who are curious about the operating process of the eye will find this text interesting.

Visual Perception

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

Clinical Anatomy of the Cranial Nerves

Master the Clinical Essentials of ocular and orbital anatomy for clinical practice! The eye is an organ of great complexity. Anatomy of the Eye and Orbit: The Clinical Essentials achieves the impressive task of presenting all the ocular anatomy that ophthalmology residents, optometry residents, and optometry students need to know – in a single accessible, high-yield volume. It emphasizes the aspects of eye and orbit anatomy that are most relevant to clinicians in training, providing the practical, real-world foundation necessary for practice.

Physiology of the Eye

The eye has fascinated scientists from the earliest days of biological in vestigation. The diversity of its parts and the precision of their interaction make it a favorite model system for a variety of developmental studies. The eye is a particularly valuable experimental system not only because its tissues provide examples of fundamental processes, but also because it is a prominent and easily accessible structure at very early embryonic ages. In order to provide an open forum for investigators working on all aspects of ocular development, a series of symposia on ocular and visual devel opment was initiated in 1973. A major objective of the symposia has been to foster communication between the basic research worker and the clinical community. It is our feeling that much can be learned on both sides from this interaction. The idea for an informal meeting allowing maximum ex change of ideas originated with Dr. Leon Candeub, who supplied the nec essary driving force that made the series a reality. Each symposium has concentrated on a different aspect of ocular development. Speakers have been selected to approach related topics from different perspectives.

A Manual of Visual Anatomy and Physiology

NEW COLOR EDITION!!! Excellent for USMLE Board Review! This now-classic text (with over 500,000 copies sold) presents the most relevant points while traversing the daunting waters of clinical neuroanatomy with mnemonics, humor, illustrations and case presentations. Topics include General Anatomical Organization, Blood Supply, Meninges and Spinal Fluid, Spinal Cord, Brain Stem, The

Visual System, Autonomic System and Hypothalamus, Cerebellum, Basal Ganglia and Thalamus, Cerebral Cortex, Neurotransmitters, Mini-atlas and Clinical Review in only 99 pages! Brief, clear and conceptually intuitive. Digital Download of Neurologic Localization program (Win/Mac) at www.med-master.net, which includes: 3D animated rotations of the brain. Neuroanatomy laboratory tutorial with photographs of brain specimens. Clicking on any area of the nervous system reveals the name of the structure and the effects of an injury to that area, with explanations. Selecting a symptom graphically shows all areas of the nervous system that, when injured, could result in the symptom. Tutorial on how to localize neurologic injuries. Interactive quiz of classic neurologic cases.

Anatomy of the Eye and Orbit

The cornerstone text on visual science – now more clinically relevant than ever SELF-ASSESSMENT QUIZ IN EACH CHAPTER Through five acclaimed editions, this trusted text has bridged the gap between basic visual science and clinical application. The Fifth Edition continues this mission with a more streamlined presentation and an even greater focus on clinical relevancy. Wide in scope, the book covers every clinically important aspect of visual science, including color vision and its defects, spatial vision, temporal aspects of vision, psychophysics, physiology, and development and maturation of the visual system. This edition has been dramatically enhanced, with all figures in beautiful full color and the addition of new clinical images (including color vision tests and fundus photographs). All chapters have been thoroughly revised to reflect the latest advances in basic science, while increasing their clinical orientation. You will also find self-assessment questions at the end of every chapter and current references from leaders in each subfield. The information presented in Visual Perception, Fifth Edition cannot be found in any other single volume. The book’s unique linkage of basic science and clinical application makes it of value to optometric and ophthalmologic students, faculty, and researchers. If you require a comprehensive text on visual science that imparts fundamental concepts in an engaging and interesting style, your search ends here.

Adler's Physiology of the Eye

Following the familiar, easy-to-use at a Glance format, and in full-colour, this new edition provides an accessible introduction and revision aid for medical, nursing and all health sciences students. Thoroughly updated and now fully supported by a set of web-based flashcards, Anatomy at a Glance provides a user-friendly overview of anatomy to encapsulate all that the student needs to know. Anatomy at a Glance: Addresses the basic concepts of anatomy in an highly visual, easy-to-remember way Features two new chapters outlining anatomical terminology and basic embryology Includes more coverage of imaging techniques such as CT and MRI Offers free online flashcards for self-assessment and revision at www.wiley.com/go/anatomyataglance This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from Google Play or the MedHand Store. To find out more about the at a Glance series, please visit www.ataglanceseries.com

Development of Order in the Visual System

The full text downloaded to your computer With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available online and also via the iPad and Android apps. Upon purchase, you'll gain instant access to this eBook. Time limit The eBooks products do not have an expiry date. You will continue to access your digital ebook products whilst you have your Bookshelf installed. Visual Anatomy & Physiology combines a one-of-a-kind visual approach with a modular organisation that uniquely meets the needs of today’s students—without sacrificing the comprehensive coverage of A&P topics required for careers in nursing and other allied health professions. The 3rd Edition presents key new features based on recent research about how students use and digest visual information. New modules in the first chapter emphasis how to use art effectively when studying; new Integrated Figure Questions increases the likelihood that students will spend time viewing the art and prompts them to consider what they have just learned; and new SmartArt Videos, accessible via QR code in the book, help students navigate key, complex pieces of art on some of the toughest topics. Samples Download the detailed table of contents Preview sample pages from Visual Anatomy & Physiology, Global Edition

Clinical Ocular Anatomy and Physiology

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

Clinical Neuroanatomy Made Ridiculously Simple

Ideal for both medical students and those in non-medical courses, Fitzgerald's Clinical Neuroanatomy and Neuroscience, 8th Edition, uses clear, understandable text and outstanding artwork to make a complex subject easily accessible. This award-winning title is known for superb illustrations and high readability, expertly integrating clinical neuroanatomy with the clinical application of neuroscience. Organizes chapters by anatomical area, with integrated analyses of sensory, motor, and cognitive systems. Breaks complex concepts and subjects into easily digestible content with clear images and concise, straightforward explanations. Features explanatory illustrations drawn by the same meticulous artists who illustrated Gray’s Anatomy. Includes new Basic Science Panels that highlight an emerging or relevant basic science concept to expand your learning in specific content areas. Provides access to the Student Consult enhanced eBook, which contains tutorials for each chapter, hundreds of multiple-choice questions and answers, MRI images with explanatory text, and case studies. Contains learning helps in every chapter, including bulleted points, clinical boxes, opening summaries, and concluding core information boxes. Evolve Instructor site with an image and test bank is available to instructors through their Elsevier sales rep or via request at https://evolve.elsevier.com.

Visual Perception: A Clinical Orientation, Fifth Edition

Anatomy at a Glance