

Clinical Neuroanatomy And Neuroscience With Student Consult Access 6e Fitzgerald Clinical Neuroanatomy And Neuroscience 6th Sixth Edition By Fitzgerald Md Phd Dsc Mria M J T Gruener Md Mba Gr 2011

With over 300 training programs in neuroscience currently in existence, demand is great for a comprehensive textbook that both introduces graduate students to the full range of neuroscience, from molecular biology to clinical science, but also assists instructors in offering an in-depth course in neuroscience to advanced undergraduates. The second edition of *Fundamental Neuroscience* accomplishes all this and more. The thoroughly revised text features over 25% new material including completely new chapters, illustrations, and a CD-ROM containing all the figures from the text. More concise and manageable than the previous edition, this book has been retooled to better serve its audience in the neuroscience and medical communities. Key Features * Logically organized into 7 sections, with uniform editing of the content for a "one-voice" feel throughout all 54 chapters * Includes numerous text boxes with concise, detailed descriptions of specific experiments, disorders, methodological approaches, and concepts * Well-illustrated with over 850 full color figures, also included on the accompanying CD-ROM

Written by experts in the field, this beautifully illustrated text/atlas provides the tools you need to directly visualize and interpret cranial CT and MR images. It reviews with exacting detail the normal anatomic brain structures identified on sagittal, coronal, and axial imaging planes. Use this book to make accurate and complete neurological assessments at the earliest possible stages - before reaching the sectioning or operating table. This revised and expanded third edition contains nearly 600 illustrations - most in color - that provide graphic representations of brain structures, arteries, arterial territories, veins, nerves and neurofunctional systems. The illustrations depict anatomic structures in shades of gray similar to the way they are seen in CT and MR images. Highlights of the third edition:- Content and illustrations expanded by more than 20%- High resolution T1 and T2 weighted MR images- Improved anatomic terminology for more accurate descriptions of findings Clinically relevant, easily readable, and clearly organized, this well-illustrated book is an essential introduction to the field for medical students and residents in neurology, neurosurgery, neuroradiology, and radiology. Practicing specialists will also benefit from this practical day-to-day tool.

Whether you're a practicing mental health clinician, a post-doc psychologist, a psychiatric resident, or in any number of allied fields, you can't get away without knowing something about the brain and how it works.

Without question Dr. Haines book is the best selling neuroanatomy book on the market and for good reason. It provides an enormous amount of valuable information, clearly presented with excellent photographs and drawings. This new edition offers more MRI/CT examples, revised clinical correlations, and a color key for easier reference.

Utilizing clear text and explanatory artwork to make clinical neuroanatomy and neuroscience as accessible as possible, this newly updated edition expertly integrates clinical neuroanatomy with the clinical application of neuroscience. It's widely regarded as the most richly illustrated book available for guidance through this complex subject, making it an ideal reference for both medical students and those in non-medical courses. Complex concepts and subjects are broken down into easily digestible content with clear images and concise, straightforward explanations. Boxes within each chapter contain clinical information assist in distilling key information and applying it to likely real-life clinical scenarios. Chapters are organized by anatomical area with integrated analyses of sensory, motor and cognitive systems, and are designed to integrate clinical neuroanatomy with the basic practices and clinical application of neuroscience. Opening summaries at the beginning of each chapter feature accompanying study guidelines to show how the chapter contents apply in a larger context. Core information boxes at the conclusion of each chapter reinforce the most important facts and concepts covered. Bulleted points help expedite study and retention. Explanatory illustrations are drawn by the same meticulous artists who illustrated Gray's Anatomy. Each chapter includes accompanying tutorials available on Student Consult. Student Consult eBook version included with purchase. This enhanced eBook experience includes access -- on a variety of devices -- to the complete text, images, review questions, and tutorials from the book. Thoroughly updated content reflects the latest knowledge in the field.

Bridging the gap between the peripheral and central nervous systems, the second edition of *Neuroanatomical Basis of Clinical Neurology* enriches understanding of neurological conditions through a conceptual approach to neuronal circuitry. The book retains the basic outline of contents from the first edition, integrating structural organization with

Clinical Neuroanatomy and Neuroscience E-Book Elsevier Health Sciences

Clearly written and highly illustrated, this new, greatly expanded fourth edition approaches neuroanatomy from the clinical perspective, emphasizing what needs to be known in order to make effective clinical decisions. Throughout the text, clinical boxes reinforce the authors' commitment to preparing students for clinical practice. In this new edition, each chapter has been rewritten, all illustrations are new, and the book is full-color throughout. clear account of neuroanatomy, written from the clinical point of view completely rewritten and redesigned - new (larger) page size, all new artwork, attractive 4-colour layout - to appeal to even the most reluctant of students faced with the sometimes daunting task of learning neuroanatomy highly illustrated with line drawings and clinical photos - all in full colour core information boxes included, which distil the contents for easy recall written by a clinician/anatomist with wide experience of what is significant and must be understood in neuroanatomy colour is used in the text, to aid navigation Also covers some neuroscience background - an extra selling point over competitors this is a book that students love because of the focus on clinical background information - and they recommend it to each other a truly international Panel of Consultants from major centres all over the world illustrations: many more than previously, and for the first time in full colour all new line drawings full colour photos of MRI/PET scans more x-rays text updated and expanded re-designed with bold and imaginative new page layout all illustrations available on fleshandbones.com the various controls involved in movement have been substantially expanded for the new edition - this should be of particular interest to physical therapists psychology and psychiatry are now much stronger - thanks to the information provided by PET - so there is lots of 'human interest' material on phobias, panic attacks etc.

Clinical Neuroanatomy and Neuroscience by Drs. M. J. T. FitzGerald, Gregory Gruener, and Estomih Mtui, already known as the most richly illustrated book available to help you through the complexity of neuroscience, brings you improved online resources with this updated edition. You'll find the additional content on Student Consult includes one detailed tutorial for each chapter, 200 USMLE Step I questions, and MRI 3-plane sequences. With clear visual images and concise discussions accompanying the text's 30 case studies, this reference does an impressive job of integrating clinical neuroanatomy with the clinical application of neuroscience. Aid your comprehension of this challenging subject by viewing more than 400 explanatory illustrations drawn by the same meticulous artists who illustrated Gray's Anatomy for Students. Get a complete picture of different disorders such as Alzheimer's disease and brain tumors by reading about the structure, function, and malfunction of each component of the nervous system. Grasp new concepts effortlessly with this book's superb organization that arranges chapters by anatomical area and uses Opening Summaries, Study Guidelines, Core Information Boxes, Clinical Panels, and 23 "flow diagrams," to simplify the integration of information. Use this unique learning tool to help you through your classes and prep for your exams, and know that these kind of encompassing tutorials are not usually available for self-study. Access outstanding online tutorials on Student Consult that deliver a slide show on relevant topics such as Nuclear Magnetic Resonance and Arterial Supply of the Forebrain. Confidently absorb all the material you need to know as, for the first time ever, this edition was reviewed by a panel of international Student Advisors

whose comments were added where relevant. Understand the clinical consequences of physical or inflammatory damage to nervous tissues by reviewing 30 case studies.

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Bridge the gap between basic and clinical science with this authoritative guide to neuroscience Created by an expert team of neuroscience educators, this comprehensive guide delivers the knowledge and insight you need to build your understanding of neuroscience—quickly and easily. Divided into two parts, the guide offers a thorough treatment of the basic science of the anatomy and function of the nervous system, as well an extended treatment of nervous system disorders and therapeutics. Packed with 500 color illustrations, Essentials of Modern Neuroscience provides both clinical content and numerous cases in an engaging, simple-to-understand style. It includes the strong pedagogy that makes LANGE basic science titles so popular and provides chapter-opening Learning Objectives, bulleted chapter summaries, and application boxes. Covers both basic science and clinical cases for full mastery of the topic Organized to mirror the way medical schools teach neuroscience Presents information in a way that fosters maximum retention Unique chapters cover addiction, affective disorders, and neurologic diseases

Basic Clinical Neuroscience offers medical and other health professions students a clinically oriented description of human neuroanatomy and neurophysiology. This text provides the anatomic and pathophysiologic basis for understanding neurologic abnormalities through concise descriptions of functional systems with an emphasis on medically important structures and clinically important pathways. It emphasizes the localization of specific anatomic structures and pathways with neurological deficits, using anatomy enhancing 3-D illustrations. Basic Clinical Neuroscience also includes boxed clinical information throughout the text, a key term glossary section, and review questions at the end of each chapter, making this book comprehensive enough to be an excellent Board Exam preparation resource in addition to a great professional training textbook. The fully searchable text will be available online at thePoint.

Fifth Edition --Book Jacket.

This now-classic text presents the most relevant points in clinical neuroanatomy with mnemonics, humor and case presentations. For neuroanatomy courses and Board review. Includes attached CD-ROM on Neurologic Localization with 3D animated rotations of the brain. Neuroanatomy laboratory tutorial with photographs of brain specimens. Tutorial on how to localize neurologic injuries; Interactive quiz of classic neurologic cases; Windows/Macintosh CD + book. The new edition adds a chapter on neurotransmitters.

Neuroanatomy and Neuroscience at a Glance provides a user-friendly introduction to the anatomy, biochemistry, physiology and pharmacology of the human nervous system within one, succinct, highly-illustrated volume. The double page spreads begin by summarising the anatomical structure and function of the different components of the central nervous system, followed by a section on applied neurobiology which outlines how to approach the patient with neurological and psychiatric problems and provides an overview of treatment and management options. Key features of this fourth edition include: A manageable overview of the structure and function of the central nervous system Full guidance on how to approach the patient with neurological problems and the investigations used in the most common scenarios Cases highlighting the clinical relevance of the basic neuroscience New chapters on the major neurotransmitters of the CNS and their functions, the enteric nervous system and stroke A fully updated companion website with interactive self-assessment questions and case studies, flashcards and revision notes at www.ataglanceseries.com/neuroscience Neuroanatomy and Neuroscience at a Glance is the ideal companion for anyone about to start a basic neuroanatomy or neuroscience course, or can be used as a refresher for those in clinical training.

Connections define the functions of neurons: information flows along connections, as well as growth factors and viruses, and even neuronal death can progress through connections. Accordingly, knowing how the various parts of the brain are interconnected to form functional systems is a prerequisite for properly understanding data from all fields in the neurosciences. Clinical Neuroanatomy: Brain Circuitry and Its Disorders bridges the gap between neuroanatomy and clinical neurology. It focuses on human and primate data in the context of brain circuitry disorders, which are so common in neurological practice. In addition, numerous clinical cases are presented to demonstrate how normal brain circuitry can be interrupted, and what the effects are. Following an introduction to the organization and vascularization of the human brain and the techniques used to study brain circuitry, the main neurofunctional systems are discussed, including the somatosensory, auditory, visual, motor, autonomic and limbic systems, the cerebral cortex and complex cerebral functions. In this 2nd edition, apart from a general updating, many new illustrations have been added and more emphasis is placed on modern techniques such as diffusion magnetic resonance imaging (dMRI) and network analysis. Moreover, a developmental ontology based on the prosomeric model is applied, resulting in a more modern subdivision of the brain. The new edition of Clinical Neuroanatomy is primarily intended for neurologists, neuroradiologists and neuropathologists, as well as residents in these fields, but will also appeal to (neuro)anatomists and all those whose work involves human brain mapping.

This textbook of neuroanatomy, with relevant clinical applications included throughout, features an account of neuroanatomy from a functional point of view, clinical boxes, and core information boxes.

This book provides a clear and readable introduction to the central concepts of clinical neuroscience. The first part of the book deals with fundamental areas of neuroscience required for a sound understanding of brain disease. This is followed by an account of the neurobiology of the most common and important brain diseases of the western world (stroke, epilepsy, Alzheimer's disease, Parkinson's disease and multiple sclerosis). The book is in the same general style as the successful Crossman: Neuroanatomy with extensive colour illustrations.

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. Snell's Clinical Neuroanatomy, Eighth Edition, equips medical and health professions students with a complete, clinically oriented understanding of neuroanatomy. Organized classically by system, this revised edition reflects the latest clinical approaches to neuroanatomy structures and reinforces concepts with enhanced, illustrations, diagnostic images, and surface anatomy photographs. Each chapter begins with clear objectives and a clinical case for a practical introduction to key concepts. Throughout the text, Clinical Notes highlight important clinical considerations. Chapters end with bulleted key concepts, along with clinical problem solving cases and review questions that test students' comprehension and ensure preparation for clinical application.

Neuroanatomy for Medical Students, Second Edition provides a fundamental knowledge base that is essential to a proper understanding of the clinical neurosciences. This edition includes additional topics on neurophysiology, neuropharmacology, and applied anatomy. The areas on cell membrane structure and function, motor control, muscle spindles, spinocerebellar tracts, reticular formation, striatal transmitters, and retinal neurons are updated. This book also expands the topics on pineal gland, pituitary tumors, split brain effect, visual cortex, neural plasticity, and barrel fields. The topography of ventricles and summary table of cranial nerve are likewise revised. Other materials covered include nerve growth factor, neural transplantation, dorsal column transection, cerebellar memory, and perivascular spaces. The

neurotransmitters and neuromodulators, nuclear magnetic resonance, and position emission tomography are also discussed. This publication is a good reference for medical students intending to acquire knowledge of basic neurobiology.

Turn to *Fundamental Neuroscience* for a thorough, clinically relevant understanding of this complicated subject! Integrated coverage of neuroanatomy, physiology, and pharmacology, with a particular emphasis on systems neurobiology, effectively prepares you for your courses, exams, and beyond. Easily comprehend and retain complex material thanks to the expert instruction of Professor Duane Haines, recipient of the Henry Gray/Elsevier Distinguished Teacher Award from the American Association of Anatomists and the Distinguished Teacher Award from the Association of American Colleges. Access the complete contents online at www.studentconsult.com, plus 150 USMLE-style review questions, sectional images correlated with the anatomical diagrams within the text, and more. Grasp important anatomical concepts and their clinical applications thanks to correlated state-of-the-art imaging examples, anatomical diagrams, and histology photos. Retain key information and efficiently study for your exams with clinical highlights integrated and emphasized within the text.

Part of the bestselling *Secrets Series*, the updated sixth edition of *Neurology Secrets* continues to provide an up-to-date, concise overview of the most important topics in neurology today. It serves as a comprehensive introduction for medical students, physician assistants, and nurse practitioners, and is also a handy reference and refresher for residents and practitioners. Lists, tables, and clear illustrations throughout expedite review, while the engaging *Secrets Series* format makes the text both enjoyable and readable. New lead editors, Drs. Kass and Mizrahi, join this publication from a leading neurology program to lend a fresh perspective and expert knowledge. Expedites reference and review with a question-and-answer format, bulleted lists, and practical tips from the authors. Covers the full range of essential topics in understanding the practice of neurology. Features "Key Points" boxes to further enhance your reference power. Presents a chapter containing "Top 100 Secrets" for an overview of essential material for last-minute study or self-assessment. Fits comfortably in the pocket of your lab coat to allow quick access to essential information. Completely revised content covers all of today's most common neurologic conditions and their treatments. New lead editors offer a fresh perspective and expert knowledge.

A concise overview of neuroanatomy and its functional and clinical implications. Includes an excellent review for the USMLE, as well as cases and a practice exam.

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>.

An Easy, Fun and Effective Way to Learn and Master Neuroanatomy and the Structures of the Human Brain! Coloring is the most effective way to study the structure and functions of the human brain and neuroanatomy. This book is structured for ease of use, with comprehensive coverage of the human brain and nervous system. You assimilate information and make visual associations with key terminology when coloring in this *Neuroanatomy Coloring Book*, all while having fun! These illustrations show the brain and its components in detail and makes it easy to identify specific structures for an entertaining way to learn neuroanatomy. With this vivid change-of-pace study tool, you have the freedom to master neuroanatomy in a fun and memorable way. Ideal for all kind of students and science lovers to make the most out of their interest in neuroanatomy. Whether you are following a neuroscience course or just interested in the human brain and its structures, let this book guide you! This book features: More than 90 pages with unique easy-to-color illustrations of components, structure and functions of the nervous system and the human brain with their anatomical terminology. Allows students to easily learn the neuroanatomy. Numbered lead lines clearly identify structures to be colored and correspond to a numbered list with the illustration. Large format 8.5"x11.0" (22cmx28cm) pages. Discover the structure of the following sections: Neuron Anatomy and Types Brain Anatomy Cerebellum Brainstem Ventricles of the Brain Limbic System Circle of Willis Parasympathetic and Sympathetic Nerves Cranial Nerves Nerves in different parts of the body Cerebral Hemispheres, and more Joins thousands of others who have made their studies more fun and efficient! Roll up and click "ADD TO CART" right now!

Utilizing clear text and explanatory artwork to make clinical neuroanatomy and neuroscience as accessible as possible, this newly updated edition expertly integrates clinical neuroanatomy with the clinical application of neuroscience.

Clinical Neuroanatomy and Neuroscience by Drs. M. J. T. FitzGerald, Gregory Gruener, and Estomih Mtui, already known as the most richly illustrated book available to help you through the complexity of neuroscience, brings you improved online resources with this updated edition. You'll find the additional content on Student Consult includes one detailed tutorial for each chapter, 200 USMLE Step I questions, and MRI 3-plane sequences. With clear visual images and concise discussions accompanying the text's 30 case studies, this reference does an impressive job of integrating clinical neuroanatomy with the clinical application of neuroscience.

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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. 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.

Gray's Clinical Neuroanatomy focuses on how knowing functional neuroanatomy is essential for a solid neurologic background for patient care in neurology. Elliot Mancall, David Brock, Susan Standring and Alan Crossman present the authoritative guidance of Gray's Anatomy along with 100 clinical cases to highlight the relevance of anatomical knowledge in this body area and illustrate the principles of localization. Master complex, detailed, and difficult areas of anatomy with confidence. View illustrations from Gray's Anatomy and radiographs that depict this body area in thorough anatomical detail. Apply the principles of localization thanks to 100 brief case studies that highlight key clinical conditions. Tap into the anatomical authority of Gray's Anatomy for high quality information from a name you trust. Presents the guidance and expertise of a high profile team of authors and top clinical and academic contributors.

A concise, highly visual overview of neuroanatomy and its functional underpinnings Clinical Neuroanatomy, Twenty-Eighth Edition offers an accessible, easy-to-remember synopsis of neuroanatomy and its functional and clinical implications. Since many of us learn and remember better when material is presented visually, this acclaimed resource includes not only clinical material such as brain scans and pathological specimens, but also hundreds of diagrams and tables that are designed to be clear and memorable. Here's why Clinical Neuroanatomy is essential for board review or as a clinical refresher:

- NEW SECTION summarizes the most important take-away lessons from each chapter
- More than 300 full-color illustrations
- A unique chapter on Introduction to Clinical Thinking puts neuroanatomy in clear clinical perspective
- Numerous CT and MRI scans
- Block diagrams illustrate actions of each muscle (essential for the clinical motor examination)
- Hundreds of diagrams and tables encapsulate important information
- Essentials for the Clinical Neuroanatomist list appears in each chapter
- Clear and memorable root-by-root and nerve-by-nerve illustrations of sensory areas and muscle intervention
- Coverage of the basic structure and function of the brain, spinal cord, and peripheral nerves as well as clinical presentations of disease processes involving specific structures
- Emphasizes must-know concepts, facts, and structures
- Appendices include The Neurologic Examination, Testing Muscle Function, Spinal Nerves and Plexuses, and Questions and Answers
- Case studies demonstrate how concepts apply to real-world situations

If your practice or education would benefit from an engagingly written, well-illustrated overview of neuroanatomy and its functional underpinnings, this trusted resource belongs on your desk.

Practical, case-based resource helps students integrate content from neuroanatomy and clinical courses Clinical Neuroanatomy: A Case-Based Approach by Douglas Gould and Gustavo Patino presents nervous system anatomy in a clinically-integrated manner, making it an ideal learning tool for medical students. Forty-seven succinct patient presentations feature a step-by-step walk-through of the lesion localization, correlating neuroanatomy with signs and symptoms. Each consistently organized case also includes the patient complaint, salient medical history, physical exam findings, discussion of symptoms, differential diagnoses, and potential tests. Key Highlights High-yield, patient-focused vignettes challenge students to "find the lesion" and propose differential diagnoses Images provide an illustrative review of relevant anatomy and impacted pathways A visually-rich appendix provides a quick anatomical guide to upper and lower motor neuron manifestations, the central nervous system, and lesion locations Questions at the end of each section help students develop the ability to apply anatomy knowledge to the clinical setting This is a must-have resource for medical students and clinicians seeking to apply neuroanatomy concepts to the initial patient approach. It is also an invaluable prep tool for the USMLE® or any other high-stakes exam covering neuroanatomy.

This classic student-friendly text provides a concise, comprehensive, and clinically-oriented survey of the human nervous system. It's helpful to any student of basic neuroscience, as well as residents and physicians preparing for board examinations.

Connections define the functions of neurons: information flows along connections, as well as growth factors and viruses, and even neuronal death may progress through connections. Knowledge of how the various parts of the brain are interconnected to form functional systems is a prerequisite for the proper understanding of data from all fields in the neurosciences. Clinical Neuroanatomy: Brain Circuitry and Its Disorders bridges the gap between neuroanatomy and clinical neurology. It emphasizes human and primate data in the context of disorders of brain circuitry which are so common in neurological practice. In addition, numerous clinical cases demonstrate how normal brain circuitry may be interrupted and to what effect. Following an introduction into the organization and vascularisation of the human brain and the techniques to study brain circuitry, the main neurofunctional systems are discussed, including the somatosensory, auditory, visual, motor, autonomic and limbic systems, the cerebral cortex and complex cerebral functions.

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. A comprehensive, color-illustrated guide to neuroanatomy and its functional and clinical applications Engagingly written and extensively illustrated, Clinical Neuroanatomy, Twenty-Ninth Edition gets you up to speed on neuroanatomy, its functional underpinnings, and its relationship to the clinic. You'll learn everything you need to know about the structure and function of the brain, spinal cord, and peripheral nerves. This authoritative guide illustrates clinical presentations of disease processes involving specific structures, explores the relationship between neuroanatomy and neurology, and reviews advances in molecular and cellular biology and neuropharmacology as related to neuroanatomy. The book is packed with case studies and hundreds of visuals—including CT and MRI scans, block diagrams showing muscle actions, root-by-root and nerve-by-nerve images of sensory areas and muscle intervention, and more—to help you retain critical information.

Essential for board review or as a clinical refresher, Clinical Neuroanatomy features:

- More than 300 full-color illustrations
- An introduction to clinical thinking that puts neuroanatomy in clear clinical perspective
- A discussion of the latest advances in molecular biology and cellular biology in the context of neuroanatomy
- Numerous CT and MRI scans
- Block diagrams illustrating actions of each muscle (essential for the clinical motor examination)
- Hundreds of diagrams and tables encapsulating important information
- Summary listings at the end of each chapter
- Clear and memorable root-by-root and nerve-by-nerve illustrations of sensory areas and muscle intervention
- Coverage of the basic structure and function of the brain, spinal cord, and peripheral nerves as well as clinical presentations of disease processes involving specific structures
- Appendices including The Neurologic Examination, Testing Muscle Function, Spinal Nerves and Plexuses, and Questions and Answers
- Case studies demonstrating how concepts apply to real-world clinical situations
- All the must-know concepts, facts, and structures, and more
- A complete practice exam to assess your knowledge

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most richly illustrated book available to help you through the complexity of neuroscience, brings you improved online resources with this updated edition. with clear visual images and concise discussions accompanying the text's 30 case studies, this reference does an impressive job of integrating clinical neuroanatomy with the clinical application of neuroscience.

Looking for an easy, fun and effective way to demystify the structures of the human brain? Coloring the human brain and its nerves is the most effective way to study the structure and functions of neuroanatomy. You assimilate information and make visual associations with key terminology when coloring in the Neuroanatomy Coloring Book, all while having fun! Whether you are following a neuroscience course or just interested in the human brain and its structures, let this book guide you. While other books give you the anatomical terminology immediately, this book is designed for convenient self-testing by providing the answer keys on the back of the same page so you can get the most out of your studies. Plus, the detailed illustrations of the neuroanatomical systems in a large page design without back-to-back drawings will make you say goodbye to bleed-through! The Neuroanatomy Coloring Book features: The most effective way to skyrocket your neuroanatomical knowledge, all while having fun! Full coverage of the major systems of the human brain to provide context and reinforce visual recognition 25+ unique, easy-to-color pages of different neuroanatomical sections with their terminology Large 8.5 by 11-inch single side paper so you can easily remove your coloring Self-quizzing for each page, with convenient same-page answer keys Discover the structure of the following sections of the human brain: Lobes and lobules Sagittal section Coronal section Cranial nerves Transverse section of the pons Gyri and sulci Circle of Willis Limbic system Thalamus Blood supply of the central nervous system Spinal cord tracts And many, many more... Joins thousands of others who have made their studies more fun, easy and efficient! Roll up and click "ADD TO CART" right now Functional and Clinical Neuroanatomy: A Guide for Health Care Professionals is a comprehensive, yet easy-to read, introduction to neuroanatomy that covers the structures and functions of the central, peripheral and autonomic nervous systems. The book also focuses on the clinical presentation of disease processes involving specific structures. It is the first review of clinical neuroanatomy that is written specifically for nurses, physician assistants, nurse practitioners, medical students and medical assistants who work in the field of neurology. It will also be an invaluable resource for graduate and postgraduate students in neuroscience. With 22 chapters, including two that provide complete neurological examinations and diagnostic evaluations, this book is an ideal resource for health care professionals across a wide variety of disciplines. Written specifically for "mid-level" providers in the field of neurology Provides an up-to-date review of clinical neuroanatomy based on the latest guidelines Provides a logical, step-by-step introduction to neuroanatomy Offers hundreds of full-color figures to illustrate important concepts Highlights key subjects in "Focus On" boxes Includes Section Reviews at critical points in the text of each chapter

Gray's Clinical Neuroanatomy focuses on how knowing functional neuroanatomy is essential for a solid neurologic background for patient care in neurology. Elliot Mancall, David Brock, Susan Standring and Alan Crossman present the authoritative guidance of Gray's Anatomy along with 100 clinical cases to highlight the relevance of anatomical knowledge in this body area and illustrate the principles of localization. Master complex, detailed, and difficult areas of anatomy with confidence. View illustrations from Gray's Anatomy and radiographs that depict this body area in thorough anatomical detail. Apply the principles of localization thanks to 100 brief case studies that highlight key clinical conditions. Tap into the anatomical authority of Gray's Anatomy for high quality information from a name you trust. Presents the guidance and expertise of a high profile team of authors and top clinical and academic contributors.

An engagingly written text that bridges the gap between neuroanatomy and clinical neurology "A wonderfully readable, concise, but by no means superficial book that fits well in the current pedagogic environment." From the Foreword by Allan H. Ropper, MD Clinical Neurology and Neuroanatomy delivers a clear, logical discussion of the complex relationship between neuroanatomical structure and function and neurologic disease. Written in a clear, concise style, this unique text offers a concise overview of fundamental neuroanatomy and the clinical localization principles necessary to diagnose and treat patients with neurologic diseases and disorders. Unlike other neurology textbooks that either focus on neuroanatomy or clinical neurology, Clinical Neurology and Neuroanatomy integrates the two in manner which simulates the way neurologists learn, teach, and think. Clinical Neurology and Neuroanatomy is divided into two main sections. In Part 1, clinically relevant neuroanatomy is presented in clinical context in order to provide a framework for neurologic localization and differential diagnosis. The diseases mentioned in localization-based discussions of differential diagnosis in Part 1 are then discussed in clinical detail with respect to their diagnosis and management in Part 2. Part 1 can therefore be consulted for a neuroanatomical localization-based approach to symptom evaluation, and Part 2 for the clinical features, diagnosis, and management of neurologic diseases. FEATURES • A clear, concise approach to explaining the complex relationship between neuroanatomical structure and function and neurologic disease • Numerous full-color illustrations and high resolution MRI and CT scans • Explanatory tables outline the clinical features, characteristics, and differential diagnosis of neurologic diseases and disorders

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