

Neuroanatomy An Illustrated Colour Text 4e 4th Fourth

This book provides comprehensive coverage of speech and language disorders arising from pathological processes involving the subcortical structures of the brain. It gives an understanding of these disorders in terms of their neuropathological basis, clinical symptomatology and prognosis. A full discussion of contemporary models and theories of subcortical participation in speech and language processing is given, including discussion of the possible roles of structures such as the basal ganglia, subthalamic nucleus, thalamus and cerebellum. The book covers speech and language disorders associated with a variety of subcortical conditions, ranging from major degenerative conditions such as Parkinsons' Disease, Huntington's chorea and dystonia, through to acquired non-degenerative subcortical lesions arising from, for example, cerebrovascular accidents and stereotactic surgically induced lesions. In addition, a full description of the relevant assessment and treatment procedures currently recommended for use for each of the subcortical communication disorders is given.

?????????:David G. Gardner?

This volume in the Illustrated Colour Text series brings together high quality illustrations and a concise text focussed on essential features and is ideal for modern, medical undergraduate curricula where basic sciences emphasise the principle points of relevance to the students. Volume in Illustrated Colour Text series. Same first author as Embryology volume. Clinically relevant overview ideal for medical and other health science students. Extensively illustrated with both colour photomicrographs and line drawings.

NEUROANATOMY: AN ILLUSTRATED COLOR TEXT is a concise, highly illustrated textbook of neuroanatomy that throughout makes clear the relevance of anatomy to clinical neurology. It avoids overburdening the reader with topographical detail that is unnecessary for the medical student. Minimum assumptions are made of existing knowledge of the subject.

Susan Standing, MBE, PhD, DSc, FRC, Hon FAS, Hon FRCS Trust Gray's. Building on over 160 years of anatomical excellence In 1858, Drs Henry Gray and Henry Vandyke Carter created a book for their surgical colleagues that established an enduring standard among anatomical texts. After more than 160 years of continuous publication, Gray's Anatomy remains the definitive, comprehensive reference on the subject, offering ready access to the information you need to ensure safe, effective practice. This 42nd edition has been meticulously revised and updated throughout, reflecting the very latest understanding of clinical anatomy from the world's leading clinicians and biomedical scientists. The book's acclaimed, lavish art programme and clear text has been further enhanced, while major advances in imaging techniques and the new insights they bring are fully captured in state of the art X-ray, CT, MR and ultrasonic images. The accompanying eBook version is richly enhanced with additional content and media, covering all the body regions, cell biology, development and embryogenesis – and now includes two new systems-orientated chapters. This combines to unlock a whole new level of related information and interactivity, in keeping with the spirit of innovation that has characterised Gray's Anatomy since its inception. Each chapter has been edited by international leaders in their field, ensuring access to the very latest evidence-based information on topics Over 150 new radiology images, offering the very latest X-ray, multiplanar CT and MR perspectives, including state-of-the-art cinematic rendering The downloadable Expert Consult eBook version included with your (print) purchase allows you to easily search all of the text, figures, references and videos from the book on a variety of devices Electronic enhancements include additional text, tables, illustrations, labelled imaging and videos, as well as 21 specially commissioned 'Commentaries' on new and emerging topics related to anatomy Now featuring two extensive electronic chapters providing full coverage of the peripheral nervous system and the vascular and lymphatic systems. The result is a more complete, practical and engaging resource than ever before, which will prove invaluable to all clinicians who require an accurate, in-depth knowledge of anatomy.

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'Neurology' is an updated undergraduate textbook ideally suited to the presentation of the core of the neurology curriculum as laid down by the Association of British Neurologists. It includes illustrated clinical cases with questions and discussed answers.

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The challenge of teaching bio-psychology is first getting students up to speed with the basic brain functions and terminology, before this can be applied to psychology, and then finally helping them develop critical thinking about the subject. This book uniquely addresses all three of these issues and provides a resource that supports students at each of these different levels of understanding. Key features include: • New video animations for the biology chapters and high-quality illustrations throughout, helping students grasp the basic neuroanatomy and microbiology. • 'Check your understanding' questions in the book and MCQs online help students test their understanding and prepare for assessments. • Chapters cover the need-to-know topics for psychology students with 'Insight' and 'Focus on Methods' boxes, highlighting these topics' relevance to the real-world. • Spotlights build on the chapters, delving deeper into contemporary debates, issues and controversies around topical areas such as post-traumatic stress disorder, obesity and pain.

The First Textbook to Take an Integrative Approach to Neurological Diagnosis This introductory, full-color text teaches students and practitioners how to combine neurological history and physical examination so they can localize pathologies within the nervous system and determine appropriate treatment. It provides a wealth of illustrations that emphasize the functioning nervous system, in addition to an

invaluable DVD for further exploration and access to a state-of-the-art website with additional materials that are updated periodically. Give Practitioners the Confidence to Differentiate, Diagnose, and Build Treatment Plans Provides a wealth of illustrations that emphasize the functioning nervous system Neuroanatomical drawings related to case studies Informative tables with relevant clinical data Radiographic images, EEGS, microscopic images, and other diagnostic tools Includes an invaluable DVD for further exploration User-friendly worksheets to provide a proven methodology for evaluation All color illustrations from the book Flash animations of various pathways, reflexes, and circuits Neuroimaging primer to boost understanding of CT and MRI sequences Supplementary e-cases and diagnostic images A wealth of references for self-guided study Offers access to a state-of-the-art website All of the features on the DVD Additional supplementary materials to be added periodically Demystifies Neurological Problem Solving Section I: Covers the Basics of Neurological Problem Solving Provides a full synopsis of the nervous system Explains key aspects of the neurological examination Delves into clinical problem solving Includes a Fail Safe Localization/Etiology Checklist Covers lesions caused by trauma, muscle diseases, genetic and degenerative diseases, vascular problems, drugs and toxins, infections, and autoimmune disorders Section II: Applies the Basics to Clinical Cases Presents full case examinations of a nine-member fictional family Demonstrates clinical data extraction, definition of main clinical points, relevant neuroanatomy, and the localization process Covers a wide range of disease processes, including spinal cord syndromes and traumas, vascular injury, and seizures Details autoimmune, neoplastic, degenerative, and genetic disorders Differentiates between various causes of seizures, stroke, and Parkinsonism Provides complete case summaries, treatment, management, and outcomes

Now fully revised and updated, this leading ICT series volume offers concise, superbly illustrated coverage of neuroanatomy, that throughout makes clear the relevance of the anatomy to the practice of modern clinical neurology. Building on the success of previous editions, Neuroanatomy ICT, sixth edition has been fine-tuned to meet the needs of today's medical students - and will also prove invaluable to the range of other students and professionals who need a clear, current understanding of this important area. Generations of readers have come to appreciate the straightforward explanations of complex concepts that students often find difficult, with minimum assumptions made of prior knowledge of the subject. This (print) edition comes with the complete, enhanced eBook - including BONUS figures and self-assessment material - to provide an even richer learning experience and easy anytime, anywhere access! Notoriously difficult concepts made clear in straightforward and concise text Level of detail carefully judged to facilitate understanding of the fundamental neuroanatomical principles and the workings of the nervous system, providing a sound basis for the diagnosis and treatment of contemporary neurological disorders Clinical material and topic summaries fully updated and highlighted in succinct boxes within the text Memorable pictorial summaries of symptoms associated with the main clinical syndromes Over 150 new or revised drawings and photographs further improve clarity and reflect the latest imaging techniques New expanded coverage of neuropsychological disorders and their relationship to neuroanatomy - increasingly important given aging populations Access to the complete, enhanced eBook - including additional images and self-assessment material to aid revision and check your understanding.

Easy to read, superbly illustrated, and clinically relevant, Gray's Anatomy for Students, 4th Edition, is medical students' go-to text for essential information in human anatomy. This fully revised volume focuses on the core information students need to know, in an easy-access format and with additional multimedia tools that facilitate effective study and mastery of the material. A team of expert authors and global advisors share their extensive teaching and clinical experience, highlighted by more than 1,000 innovative, original illustrations throughout the text. Helps students understand the practical applications of anatomical concepts through unique coverage of surface anatomy, correlative diagnostic images, and clinical case studies. Presents anatomy logically by body region, and now offers bonus eBook chapters for each major body system to facilitate learning from a different perspective – covering the Cardiovascular System, Respiratory System, Gastrointestinal System, Urogenital System, Lymphatic System, and Nervous System. Features an all-new eBook chapter covering the essentials of neuroanatomy, so readers can learn key aspects of this challenging topic in the context of general anatomy. Offers new schematic drawings for key structures and topics in every chapter, providing an additional, simplified approach to introduce each topic—ideal for quick initial understanding and as a guide for students' own anatomy drawings. Includes new and improved online materials such as self-assessment questions, clinical cases, an Interactive Surface Anatomy tool, an online anatomy and embryology self-study course, and more. Provides fully revised and updated clinical content including numerous new In the Clinic boxes, plus new clinical cases, images, and correlates throughout. Enables readers to quickly review the basic concepts from each chapter with Conceptual Overviews. Evolve Instructor site with a downloadable image bank is available to instructors through their Elsevier sales rep or via request at: <https://evolve.elsevier.com>

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This outstanding text gives students a solid grounding in clinical and experimental neuropsychology. The author is a leading authority whose engaging writing style and thorough yet concise coverage of brain localization, anatomy, and their links to cognitive function make the book ideal for undergraduate or graduate use. It is illustrated with more than 60 figures, including six color plates.

This book illustrates the clinical interface between neurology and psychiatry by focusing on neuropsychiatric conditions characterised by alterations at the level of both motor function and behaviour. The neuropsychiatric approach to movement disorders and epilepsy is of key importance in clinically assessing and treating these common and often disabling conditions. While addressing the clinical challenges posed by the behavioural aspects of movement disorders and epilepsy, it invites readers on a journey through the evolving discipline of neuropsychiatry / behavioural neurology – both in the past and today. This discipline has an illustrious history, and continues its ascending trajectory in the new millennium through the activity of long-established national organisations (British Neuropsychiatry Association, BNPA, and American Neuropsychiatric Association, ANPA) as well as newly developed strategic research initiatives (Michael Trimble Neuropsychiatry Research Group, MTNRG).

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