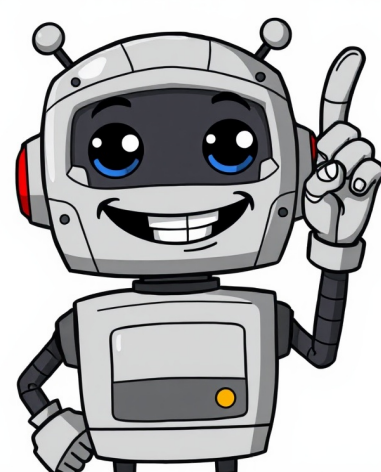


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Volum I The bodi Upper limb Lower limb Abdomen Pelvis and perineum Volum II Thorax Back Head and neck Neuroanatomy Gray's Anatomy For Students 3rd Edition by Richard Drake ISBN-13: 978-0702051319 [PDF eBook eTextbok] Series: Gray's Anatomy 1192 pages Publisher: Churchill Livingstone; 3 edition (March 7, 2014) Language: English ISBN-10: 0702051314 ISBN-13: 978-0702051319 2015 BMA Medical Book Awards Highly Commended in Basic and Clinica Sciences Category! Anatomy texts just don't get any bett'r than Gray's Anatomy for Students! Now in its 3rd edition, this completely revied medical textbook continues its focus on just the core informatoin you need for your anatomy courses, presentin everything in an easy-to-read, visuall appealing format that facilitats study. - Obtain reliabl, accessibl coverage of everything you will learn in your contemporary anatomy classes with expert knowledge from a team of author who share a wealth of diverse teachin and clinical experien. - Easily locate and remember specific structur. More than 1,000 innovativ, original illustrations by renowned illustrators Richard Tibbitts and Paul Richardson caputre anatomical features with unrivalled clarity. - Understand the practical applicatons of anatomical concepts through unique coverage of surface anatomy, correlative diagnostic images, and clinical case studis. - Expedite the review of basic conceptsanatomy courses with many new "In the Clinic" boxes, which offer access to in-depth clinical discussions related to specific diseases or procedures. study aids at the beginning of each chapter. improve your comprehension of cranial nerves with help from a brand-new visual map summarizing cranial nerve distribution and function. Review 2015 BMA Medical Book Awards: Highly Commended in Basic and Clinical Sciences "I particularly like the diagrams, which are clearly labelled, not cluttered, and helpfully coloured...this textbook is great. It is well-tailored to students, providing the anatomy information that we need to know. It gets a big "thumbs up" - Medical Student, University of Oxford (review of previoud edition) "...explains anatomy in a way that is easy to understand, but also puts the text in a clinical context along the way.The Interactive Surface Anatomy is very useful and well made - a great example of how Student Consult can provide teaching tools that simplifies complex subjects in a way no book can." - Medical Student, University of Copenhagen(review of previoud edition) About the Author Richard Drake, PhD, FAAA, Director of Anatomy, Professor of Surgery, Cleveland Clinic Lerner College of Medicine, Case Western Reserve University, Cleveland, Ohio, USA What makes us diffrent? • Instant Download • Always Competitiv Pricing • 100% Privacy • FREE Sample Available • 24-7 LIVE Customer Support Anatomy texts just don't get any bett'r than Gray's Anatomy for Students! Now in its 3rd edition, this completely revied medical textbook continues its focus on just the core informatoin you need for your anatomy courses, presentin everything in an easy-to-read, visual appealing format that facilitats study. - Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. - Obtain reliabl, accessibl coverage of everything you will learn in your contemporaary anatomy classes with expert knowledg from a team of author who share a wealth of diverse teachin and clinical experien. - Easily locate and remember specific structur. More than 1,000 innovativ, original illustrations by renowned illustrators Richard Tibbitts and Paul Richardson caputre anatomical features with unrivalled clarity. - Understand the practical applicatons of anatomical concepts through unique coverage of surface anatomy, correlative diagnostic images, and clinical case studis. - Expedite the review of basic conceptsanatomy courses with many new "In the Clinic" boxes, which offer access to in-depth clinical discussions related to specific diseases or procedures. study aids at the beginning of each chapter. improve your comprehension of cranial nerves with help from a brand-new visual map summarizing cranial nerve distribution and function. online anatomy and embryology self-study course, medical clinical cases, physical therapy clinical cases, self-assessment questions, and more. pair this textbook with its companion review products, Gray's Anatomy for Students Flashcards, 3rd Edition (ISBN: 978-1-4557-1078-2) and Gray's Atlas of Anatomy 2nd Edition (ISBN 978-1-4557-4802-0). ===== The back is composed of various structures that work together to provide support, protection, and movement. The vertebral column and spinal nerves are essential components of the back. # Back Musculature The back is supported by three groups of muscles: superficial, intermediate, and deep. These muscles include: - Superficial group of back muscles: includes the rhomboids and latissimus dorsi. - Intermediate group of back muscles: includes the trapezius. - Deep group of back muscles: includes the erector spinae. # Vertebral Column The vertebral column is composed of 33 vertebrae, with the last one being fused. The vertebral canal houses the spinal cord and spinal nerves. The posterior abdominal region is a crucial area that requires precise knowledge for accurate surface anatomy. This section provides an overview of the structures and techniques necessary for visualization in this region. ===== # Surface Anatomy of the Posterior Abdominal Wall The posterior abdominal wall is composed of multiple layers, including the skin, subcutaneous tissue, and muscles. Understanding the organization of these layers is essential for accurate surface projection. # Visualization Techniques To visualize structures at the L1 vertebral level, it is necessary to use a combination of techniques such as palpation, visualization, and anatomical knowledge. ===== The dorsalis pedis artery is located in the foot, where it can be found by examining the posterior aspect of the lower leg. The plantar arterial arch serves as a landmark to approximate the location of this artery. The superficial veins that drain blood from the surface of the skin are also present in this region. These veins are an important indicator of potential vascular issues. Gray's Anatomy for Students is an updated adaptation of Gray's Anatomy, presenting core information in a concise and reader-friendly way. The book aims to make anatomy manageable for students, serving both experts and beginners. ===== The latest edition, published by Elsevier Churchill Livingstone, has continued the legacy of simplifying anatomy since its first edition in 2004. The book is available in two versions: 'Gray's Anatomy for Students 3rd Edition' primarily sold in the USA, and 'Gray's Anatomy for Students International Edition', targeting countries outside the USA but not limited to them. Both versions are identical regarding the information provided, except for the price difference. ===== The first section introduces basic anatomical terms and different medical terminology.The techniques discussed in the book serve as a foundational step for those new to anatomy, recommending a prior read of this section before diving into more complex topics. ===== Gray's Anatomy for Students is organized regionally, dividing its content into units on: Back Thorax Abdomen Pelvis Lower limb Upper limb Head and neck Each unit is further divided into three main sections: Conceptual Overview, Regional Anatomy, and Surface Anatomy. The Conceptual Overview provides beginner-friendly introductions to key features and functions of each region, while Regional Anatomy delves deeper into detailed anatomy. The text is informative, concise, and avoids unnecessary complexity, making it easy to follow without sacrificing clarity. The illustrations are clear and provide multiple views of each area, complementing the text nicely. Surface Anatomy describes structures that can be studied without dissection, a feature not commonly found in other anatomy textbooks, particularly useful for medical or physiotherapy students. Throughout the book, small "In the Clinic" information boxes explain pathologies associated with anatomical structures being discussed, providing an additional layer of clinical knowledge. This feature is especially valuable for medical students, as many anatomy textbooks lack a clinically oriented approach. The textbook comes in various styles, including paperback and eBook versions, priced between \$41 to \$94 USD. The "Gray's Anatomy for Students International Edition" offers a more affordable option at approximately \$40 USD. Additionally, the book includes an accompanying "Student's Consult", which provides access to 77 modules on embryology and anatomy, as well as medical cases and various types of images, including radiological ones. Review questions are also available to test knowledge and aid long-term retention. The illustrations in the third edition have a clear and colorful format, making the book visually appealing and suitable for those who prefer visual learning.Gray's Anatomy for Students International Edition Review: A Mixed Bag ===== The Gray's Anatomy for Students International edition promises to be a cost-effective alternative to the standard textbook, but does it deliver? At first glance, it seems like an attractive option, especially with its lower price point. However, a closer examination reveals that this international edition is not without its drawbacks. One major letdown is the lack of neuroanatomy coverage. This omission means you'll need to supplement with another text for this complex topic. Although the book's clear illustrations and detailed text would have been helpful in teaching neuroanatomy, it seems like an opportunity missed. Another concern is that while the images are colourful and clear, they often don't provide sufficient detail compared to other textbooks. This means you'll need additional resources, such as an atlas, to fill in the gaps. The price of this book remains a significant issue, even with discounts and the international edition. The eBook version doesn't offer much relief, as it's similarly priced to the paperback. This makes portability and online access feel more like added expenses than benefits. Accessing supplementary materials is also restricted to those who purchase the textbook itself. If you don't have the book, you're left with limited resources for learning embryological knowledge, clinical cases, and review questions. In terms of size and weight, the book's bulkiness can be a major issue, making it cumbersome to carry around. With 1192 pages and 2.6 kgs, this textbook is certainly not the most portable option. Ultimately, the Gray's Anatomy for Students International edition feels like a textbook that doesn't quite live up to its potential. While it simplifies explanations and presents information in a friendly way, it also has significant drawbacks that make it less than ideal.Gray's Anatomy for Students is an excellent resource for modern students, offering a clear and beginner-friendly approach to learning anatomy. The textbook has undergone significant changes since its initial edition to cater to the evolving needs of students in today's fast-paced academic environment. While the written content is exceptional, incorporating more detailed images or alternative learning methods could enhance the overall experience. Ultimately, the choice between this resource and others depends on individual preferences, budget, and goals. It's crucial to analyze one's needs and evaluate which resource best fits their style, funds, and objectives. Gray's Anatomy for Students boasts several strengths, including: * Clear illustrations and format * Beginner-friendly clinical material and surface anatomy * The 'Student Consult' section provides additional knowledge and information However, some limitations of the textbook include: * Limited neuroanatomy content * Lack of detailed explanations * A high price point * Access to extra resources often requires purchasing the textbook References: Reviewed edition - 3rd Review date - 28/09/2017 Richard Drake, Ph.D., A. Wayne Vogl, Ph.D. and Adam W. M. Mitchell, MB, BS: Gray's Anatomy for Students, 3rd Edition, Elsevier, 2015. Susan Standring, Ph.D. et al: Gray's Anatomy: The Anatomical Basis of Clinical Practice, 41st Edition, Elsevier, 2015. Illustrators: Adrian Rad Gray's Anatomy for Students Description Annals of The Royal College of Surgeons of England. 2006;88(5):513-514. doi:10.1308/003558406X116873b Gray's Anatomy for Students Cover - Adrian Rad Gray's Anatomy for Students Contents - Adrian Rad Gray's Anatomy for Students Sample Page - Adrian Rad Gray's Anatomy for Students Duodenum - Adrian Rad Kenhub (Duodenum Video) - Adrian Rad Gray's Anatomy for Students vs. Kenhub - Natasha Mutch