

Chapter 1 : [Human Anatomy] Basic anatomical Concepts (part 1) | Free Medical Atlas

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Human Anatomy, Color Atlas and Textbook 6th Edition , Basic anatomical Concepts, Terms of Position and Movement, Free Medical Atlases Terms of Position and Movement To avoid ambiguity and confusion, anatomical terms of position and movement are defined according to an internationally accepted convention. This convention defines the anatomical position as one in which the human body stands erect with the feet together and the face, eyes and palms of the hands directed forwards Fig. With the subject in the anatomical position, three sets of planes, mutually at right angles, can be defined. Vertical or longitudinal planes are termed either coronal or sagittal. Coronal or frontal planes Fig. This section lies to the left of the median sagittal plane One particular sagittal plane, the median sagittal midsagittal plane, lies in the midline and divides the body into right and left halves Fig. Horizontal or transverse planes Fig. Sections cut at right angles to the long axis of an organ or parts of the body are also known as transverse. Similarly, longitudinal sections are cut parallel to the long axis. The terms medial and lateral are used to indicate the position of structures relative to the median sagittal plane. For example, the ring finger lies lateral to the little finger but medial to the thumb. The front and back of the body are usually termed the anterior or ventral and posterior or dorsal surfaces, respectively Fig. Thus one structure is described as anterior to another because it is placed farther forwards. Those lying towards the head or cranial end of the body are described as superior to others, which are inferior or caudal. Thus the heart lies superior to the diaphragm; the diaphragm is inferior to the heart. In the limbs, the terms proximal and distal have comparable meanings. For example, the elbow joint is proximal to the wrist but distal to the shoulder. The terms superficial and deep indicate the location of structures in relation to the body surface. Thus the ribs lie superficial to the lungs but deep to the skin of the chest wall Fig. Inferior aspect Movements at joints are also described by specific terms. Extension carries the same part posteriorly Fig. In abduction, the structure moves away from the median sagittal plane in a lateral direction, whereas adduction moves it towards the midline Fig. For the fingers and toes, the terms abduction and adduction are used in reference to a longitudinal plane passing along the middle finger or the second toe, respectively. Movement around the longitudinal axis of part of the body is called rotation. In medial or internal rotation, the anterior surface of a limb rotates medially, while lateral or external rotation turns the anterior surface laterally Fig.

Chapter 2 : Atlas of Anatomy 3rd Edition PDF - Free Medical books download PDF

Color Atlas of Anatomy Pdf Review: Being a medical student, if you have a sense of understanding the art, the subject of anatomy becomes a piece of cake. The human body is like the most complex pieces of art ever made and those students who have this sense, love understanding the subject how it actually is.

For many of you students in medical, dental, optometry, and podiatry school this will be one of the first decision you must make at your professional school. In order to help you sort through some of the most popular choices, let me highlight some of the pros and cons of each text. I am a firm believer that education should be tailored to the student. You must find a text that allows you to learn best. There are many options and each has its own strengths. Check out each atlas on amazon. This is the best way to see what you are going to like. The images are bright and colorful. The detail is crisp and memorable. I am a visual learner, and the bright images helped me focus and remember better. In fact, the images were so vibrant that I could often see them in my head during tests, allowing me to remember specific details in each image. One downside to this atlas is its relative lack of information and detail. There is no text other than anatomy labels. There are no clinical correlations. There are not as many structures labeled as some other texts. A Photographic Study of the Human Body until after my anatomy class. Had I known about this book, or seen it at all, I absolutely would have purchased this right off the bat. There are beautifully dissected bodies, bones, and radiographs showing each structure. The images are high definition and very memorable. The layout is crisp and clear. Because the text uses photos, it is more difficult to see the fine and subtle differences in some structures. However, I have never met someone who used the Gilroy atlas and did not love it. One very useful aspect of the Gilroy text are the clinically oriented tables and boxes. In nearly every section, the text focuses on some of the most important clinical correlations related to the structures being discussed. The downside in my opinion are the quite pedestrian images, but this does not bother most students. The images in the dissector are similar to the full text book. Many students at my school enjoyed this text and felt like there was a perfect mix of anatomy plates to clinical correlations in the book. This is a no-frills purchase: However, I have never actually met a student who used it. We had a couple copies in our library, but no one every looked at them. If you are a textbook lover, you might want to look at the Thieme book. It reads more like a textbook than an anatomy atlas. A Regional Atlas of the Human Body is a sort of cult-favorite atlas. Many believe the illustrations in Clemente are the best on the market. They are clear and straight forward. There is a good mix of clinical information. The price is low, and the satisfaction is high. However, I think that the atlases listed above have surpassed this historical text. There are newer versions, but I fear the TV show named after the atlas will forever be more famous than that atlas itself. The images are nice and there are a number of photos and radiologic images which accompany the anatomy illustrates. I did not have any exposure to it prior to the comment below. After reviewing the atlas at length I must admit that it is very impressive. The images are clear. There is ample text to explain clinical correlations. And, most importantly, the text can be purchased in a two volume set. This will decrease the load on your back by about 15 pounds every day. This is actually a very nice feature Did you use a great atlas that is not on this list? Tell me about it!

Chapter 3 : Anatomy | MedlinePlus

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Therefore, many atlases have been introduced that makes the life of a medical student much more easy. One of them is Netter atlas of Human anatomy. This is such a great atlas that you will remember all the muscles, vessels and nerves etc after seeing them in this book. Netter atlas is recommended every time when a student is recommended a book of gross anatomy. The reason is that when you study any anatomy book without seeing diagrams in atlas, you would forget all the things in few days. Netter atlas of Human anatomy pdf: As explained earlier, Netter atlas of human anatomy is an atlas with all the clear diagrams of Human muscles, vessels, nerves and other systems. It covers all the topics and you can use it with another theory book with extreme ease. This book is written by Frank H Netter. And till now, it has 6 editions published. Netter atlas pdf review: Despite of its hard copy, netter atlas is also available in pdf format for use in electronic devices. With the help of the pdf version, you can study this book from your laptop, pc , mobile phone or tablet etc. This makes it a lot more easy to study netter atlas any time, any place. Here are some of the advantages of using netter atlas pdf version: Using netter atlas, you can easily find the location of different vessels, nerves and muscles etc. You can easily study it if you download the pdf version in your phone or laptop. You can not forget human anatomy after watching diagrams in netter atlas. This atlas is widely used and better than other human anatomy atlases. You can buy netter atlas pdf at discount rate from our link as well as download it for free. Download netter atlas pdf 5th, 6th edition free: You can download this book for free from the link below. But if you want to buy it with full copyrights and latest edition then you can also use our link for discount rates. Follow the links below to buy or download free: This book is removed due to copyright issue. You can buy netter atlas with our special link at discount price from Amazon: More from my site.

Chapter 4 : Medical Atlas Â» Medical Books Free

Human anatomy is the subject of structures of human body and their relations etc. To understand human anatomy, a student of MBBS or other medical field would need an atlas.

In this book we provide you with the images of real anatomy, with the hope that this will help you better visualize the words of anatomy. We often hear that photographs can never clarify and teach anatomy as well as art. While it is true that the artist has much more creative license than the dissector, it is also true that a lot of anatomical art does not always accurately depict what is actually observed by a dissector; or for that matter, a surgeon in a clinical setting. We believe that good dissection and photography can be instructive, especially when creatively coupled with teaching concepts. With this in mind, another objective of this book is to present images that teach, and not just showcase a plethora of anatomy. Each dissection was made with an instructive purpose and reference images are used to highlight and focus on the patterns or concepts depicted by the dissections. There are many simple patterns of design that organize and clarify the structure of the vertebrate body. Atlas of Human Anatomy We attempt to show these patterns in our presentation of anatomical structure throughout the chapters of this book. The few words that accompany the images in the book draw attention to the patterns and the basic structure-function relationships of the dissections and micrographs. It has also been our goal to create a book that will benefit students at all levels of anatomy education. The chapters are constructed with a systematic approach to anatomy to meet the needs of the typical undergraduate anatomy course. Each chapter illustrates the concepts and features of a body system and depicts those features with clear dissections and reference images of the dissections. On the other hand, because it is dissection based the book is also an excellent reference for the medical student, physical therapy student, or other graduate student who is studying cadaver anatomy from a regional approach. Even the layperson who wants to learn more about their amazing body can benefit from the beautiful anatomy images throughout the book. Students can continue their exploration of anatomy using Real Anatomy, 3-D imaging software that enables students to dissect through layers of the real human body. To learn more about Real Anatomy, visit <http://www.realanatomy.com>. Good dissection is a time consuming task that requires a strong knowledge of anatomy, skill and dexterity, and above all a lot of patience. Nathan Mortensen played a major role in helping with the dissections throughout the pages of this book. Also, the following individuals each contributed one or two dissections, and we want to thank them for their contribution: We also want to thank Alexa Doig who took a few of the cadaver photographs. We hope this book expands your vista of the amazing machine we call the human body. We would love to have any feedback you have on how we might improve the book for future editions. Atlas of Human Anatomy Chapter 1 Introduction.

Chapter 5 : Anatomy, medical imaging and e-learning for healthcare professionals - IMAIOS

Our anatomy atlas contains full-colour illustrations of all relevant human anatomical structures. It is available online and completely for free. The pictures include bones, ligaments, muscles, nerves, vessels and organs and their physiology.

Chapter 6 : Anatomy | Atlas of Anatomy

The reason why Netter's Atlas of Human Anatomy is so much popular among the medical students and healthcare practitioners is because of its exquisite, hand-painted and colorful illustrations of the human body.

Chapter 7 : Netter Atlas Of Human Anatomy pdf - All Medical Pdfs

Atlas of Human Anatomy: with Student Consult Access, (Netter Basic Science) 5th and 6TH Editions Atlas of Human Anatomy uses Frank H. Netter, MD's detailed illustrations to demystify this often intimidating subject, providing a coherent, lasting visual vocabulary for understanding anatomy and how it applies to medicine.

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Download Sobotta Atlas of Anatomy Volume 2 Internal Organs PDF pdf free Download free medical books pdf Download microbiology pdf free Sobotta Atlas of Anatomy Volume 2 Internal Organs PDF Preface: In the preface of the first edition of his atlas in May , Johannes Sobotta writes: 'Long-standing experience in cadaver dissection clas-ses.