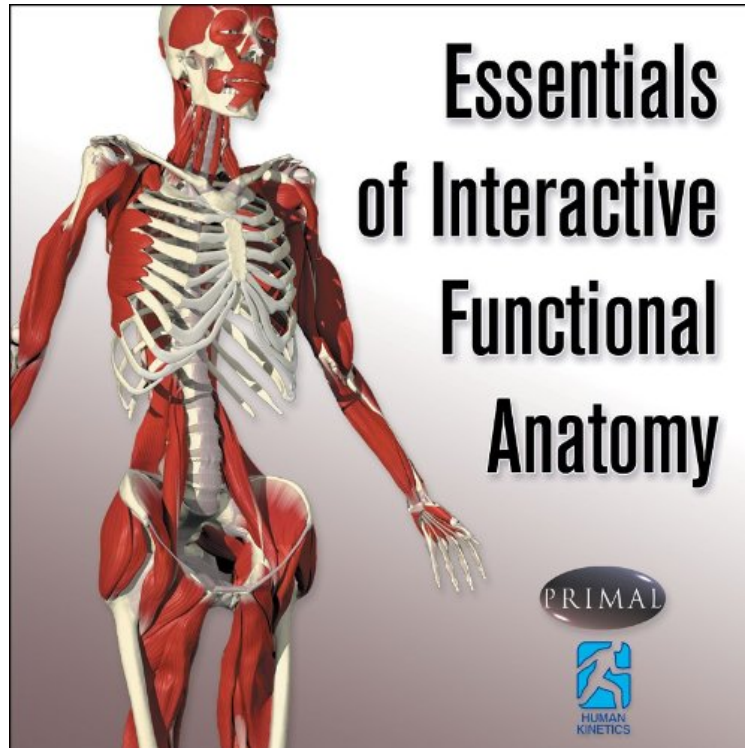


(Ebook free) Essentials of Interactive Functional Anatomy

## Essentials of Interactive Functional Anatomy

*Primal Pictures*

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#3787263 in Books 2006-02-07Original language:EnglishPDF # 1 .40 x 5.60 x 4.90l, .15 Binding: CD-ROMIdentifies Bones3-D Modeling of the Musculoskeletal SystemFast Shipping | File size: 53.Mb

**Primal Pictures : Essentials of Interactive Functional Anatomy** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Essentials of Interactive Functional Anatomy:

5 of 5 people found the following review helpful. Very old CD-ROMBy ArnoutThe overall impression is ok but what's really annoying are the small impressions of the skeleton/muscles. This CD-ROM is probably already on the market since Windows 98 and Mac OS 8.6 and 8.6 is on the market since 1999 (these are the minimum system requirements). The resolution of the impressions is way to low compared with nowadays computer screen resolutions. The sleeve of the CD-ROM refers to monitor set 800x600 or greater, this says something about the age of the CD-ROM. There's the ability to do a "Quiz", it's very very hard and in 1 case impossible to see what's highlighted. The questions are "What's highlighted here" and you see a muscle highlighted, which in some cases, as mentioned before, is very difficult to spot or in 1 case impossible. This CD-ROM will be great if the producers will make an upgrade version which has a much higher resolution so you can see all images/movies full screen with excellent quality.It's ok to watch if you set your screen resolution to 800x600 (which belongs to the last century).1 of 1 people found the following review helpful. Latest version of essentials of interactive functional anatomyBy donald sweattEssentials of interactive functional anatomy is a must have for those wishing to improve their understanding of the human body in all its complexity. Following the essentials of interactive functional anatomy DVD give users the ability to locate, highlight and examine underlying structures within the body in clear, concise and easy to use way. A fantastic learning tool for all those who wish to deepen their understanding of the human anatomy.0 of 0 people found the following

review helpful. Students love it! By GlammieGood program and an inexpensive alternative to the full Primal Pictures software! I use it for a college Anatomy and Physiology 1 class and the students love seeing the muscle actions and the muscle layers. A few of the action graphics could be improved and the layers aren't entirely ordered correctly (ex. abdominal muscles), but it is a very useful tool. I wish it came on USB instead, because the DVD-ROM on Mondoboards doesn't read data DVDs and my laptop doesn't have a DVD-ROM.

Essentials of Interactive Functional Anatomy (IFA Essentials) will help students and professionals thoroughly review components of structural anatomy through computer graphic models of human anatomy derived from MRI scan data. Students and professionals alike will also be able to view fully interactive 3-D animations that detail muscle and joint function. A scaled down version of Interactive Functional Anatomy, this software features a complete high-resolution 3-D model of the human musculature. The model can be rotated and allows for 11 layers of anatomy to be visually removed (from skin to bone) with a strip-away technique. Specific muscles within the 3-D model can be highlighted for viewing accompanying text about the selected muscle, such as name, agonists, antagonists, proximal and distal attachments, nerve innervation, blood supply, and primary and secondary actions. Text also accompanies specific ligaments within the model, providing information on function, injury mechanism, and pathology of injury. IFA Essentials also includes the following: -34 animations each of which can be viewed from four different angles show clinical muscle function and providing students with a strong sense of the movement and motions around joints. -Four animations of gross human motions demonstrate complete body movements, such as sit-ups and push-ups, coupled with live-action video clips showing the electrical stimuli of active muscles. -Views of any specific structure on the screen can be rotated up to 360 degrees and stopped at any point for viewing. -Related text on structures further defines the structure being viewed. The anatomy text of IFA Essentials includes bones, ligaments, muscles, tendons, retinacula, capsules, cartilage, discs, and membranes. The program includes detailed animations for the shoulder, elbow and forearm, wrist and hand, trunk, hip, knee, and ankle and foot. Muscles that shorten and lengthen around each joint are color-coded to show their functions. IFA Essentials also offers an interactive quiz. Students can select the level of difficulty and number of quiz questions. Then, using a multiple-choice format, they are asked to identify or locate various structures on the model. For a complete selection of Primal Pictures software, visit [www.HumanKinetics.com/Primal](http://www.HumanKinetics.com/Primal). Minimum System Requirements Windows-Windows 98/2000/ME/XP-Pentium processor or higher-At least 32 MB RAM-Monitor set to 800 x 600 or greater-High-color display Macintosh-Power Mac-System 8.6/9/OSX-At least 64 MB RAM-Monitor set to 800 x 600 or greater-Monitor set to thousands of colors

About the Author Primal Pictures was established in 1991 with the goal of creating the only complete and medically accurate three-dimensional model of the human anatomy. They derive their computer graphic models from MRI scan data that have been interpreted by a team of Primal anatomists and then translated into 3-D images by an expert team of graphics specialists. The anatomy visuals are accompanied by 3-D animations that demonstrate function, biomechanics, and surgical procedures. Attention to detail, accuracy, and clarity are at the cornerstone of Primal Pictures' amazing products. These dynamic resources provide vivid images of specific areas of the body and are ideal for use by instructors, students, and professionals in the fields of athletic training, sports medicine, physical therapy, massage therapy, biomechanics, exercise physiology, fitness, strength and conditioning, and physical activity.