



Dynatomy With Web Resource: Dynamic Human Anatomy

William Whiting, Stuart Rugg

[Download now](#)

[Click here](#) if your download doesn't start automatically

Dynatomy: Dynamic Human Anatomy With Web Resource brings to life the wonders of human movement and applied anatomy. The book is for students of human performance who have completed an introductory human anatomy course and need a strong text in functional anatomy. The entertaining and easy-to-understand text considers fundamental movements—including posture, walking, running, jumping, throwing, kicking, and lifting—together with selected exercise and sport movements.

The emphasis of *Dynatomy* is on dynamic muscular motions rather than structural anatomy. Students benefit from a discussion of simple and complex human movements combined with an analysis of the muscles in motion. The text also introduces the muscle control formula and explains how students can use it to identify the ways in which muscles contract during various examples of human movement.

Part I presents an overview of the anatomical foundations of movement and the essential requirements for movement control. **Part II** examines dynamic movements and basic mechanics, muscular function, fundamental movements, and specialized movements.

The book is packed with features that will deepen students' appreciation of human movement:

- A 5-month online subscription to *Interactive Functional Anatomy* provides an engaging method for reviewing structural anatomy. This web-based software features models derived from MRI scan data that can be rotated and allow for layers of anatomy to be visually removed, which will help students fully understand the movements of functional anatomy.
- Unique illustrations and photos complement the text and improve understanding of difficult concepts.
- Chapter objectives, key terms, review questions, and summaries encourage students to interact with and remember the content.
- Movement analyses give students critical exposure to functional human movements.

To supplement the text, students have access to additional tables online that summarize the anatomical structures commonly found in introductory courses on human anatomy or functional anatomy. Tables are presented by region (upper extremity, spinal column, and lower extremity) and describe articulations (bones, joints, ligaments, and movements) and muscles (origin, insertion, actions, nerves, and blood supply).

Access to online interactive anatomy software included!

Completing the text is a 5-month subscription to Primal Pictures' *Interactive Functional Anatomy*. This software will help students thoroughly review components of structural anatomy through the use of computer-graphic models of human anatomy derived from MRI scan data. Fully interactive 3-D animations show muscular and joint function.

Interactive Functional Anatomy features computer graphic models of human anatomy derived from MRI scan data that can be reviewed from 30 distinct views. The models can be rotated and allow for layers of anatomy to be visually removed—from arteries down to major ligaments. Pop-up labeling appears as the 3-D models are viewed, and specific objects can be highlighted to show accompanying text about the selected structure, such as name, agonists, antagonists, proximal attachment, distal attachment, innervation, blood supply, function, injury mechanism, and pathology of injury. The text also includes information on common clinical pathologies such as sprains, tendinitis, repetitive-motion syndromes, and injury-related mechanics.

Clicking on structures will also bring up a list of all related animations of muscular function. The animations can be played and rotated, and all visible structures can be labeled. There are more than 70 examples of

muscular function, including lateral flexion and rotation of the trunk, respiration, opening and closing of the lips, elevation and depression of the TMJ, and contraction of the pelvic floor.

Download and Read Free Online Dynatomy With Web Resource: Dynamic Human Anatomy William Whiting, Stuart Rugg

From reader reviews:

Debbie Siegel:

Have you spare time to get a day? What do you do when you have much more or little spare time? Yep, you can choose the suitable activity regarding spend your time. Any person spent all their spare time to take a wander, shopping, or went to the actual Mall. How about open as well as read a book allowed Dynatomy With Web Resource: Dynamic Human Anatomy? Maybe it is to be best activity for you. You realize beside you can spend your time with your favorite's book, you can wiser than before. Do you agree with their opinion or you have additional opinion?

Richard Swisher:

Are you kind of active person, only have 10 as well as 15 minute in your time to upgrading your mind proficiency or thinking skill possibly analytical thinking? Then you are having problem with the book than can satisfy your short time to read it because this time you only find publication that need more time to be read. Dynatomy With Web Resource: Dynamic Human Anatomy can be your answer because it can be read by you actually who have those short extra time problems.

Martha McKee:

As a pupil exactly feel bored to be able to reading. If their teacher inquired them to go to the library or to make summary for some publication, they are complained. Just tiny students that has reading's internal or real their hobby. They just do what the educator want, like asked to the library. They go to presently there but nothing reading critically. Any students feel that examining is not important, boring and can't see colorful pics on there. Yeah, it is to become complicated. Book is very important for you. As we know that on this period of time, many ways to get whatever we want. Likewise word says, many ways to reach Chinese's country. Therefore this Dynatomy With Web Resource: Dynamic Human Anatomy can make you feel more interested to read.

Jay Klein:

Guide is one of source of information. We can add our expertise from it. Not only for students but also native or citizen require book to know the upgrade information of year to be able to year. As we know those books have many advantages. Beside we all add our knowledge, could also bring us to around the world. By book Dynatomy With Web Resource: Dynamic Human Anatomy we can consider more advantage. Don't you to be creative people? To become creative person must choose to read a book. Merely choose the best book that ideal with your aim. Don't be doubt to change your life by this book Dynatomy With Web Resource: Dynamic Human Anatomy. You can more inviting than now.

**Download and Read Online Dynatomy With Web Resource:
Dynamic Human Anatomy William Whiting, Stuart Rugg
#AH1MO7JV293**

Read Dynatomy With Web Resource: Dynamic Human Anatomy by William Whiting, Stuart Rugg for online ebook

Dynatomy With Web Resource: Dynamic Human Anatomy by William Whiting, Stuart Rugg Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Dynatomy With Web Resource: Dynamic Human Anatomy by William Whiting, Stuart Rugg books to read online.

Online Dynatomy With Web Resource: Dynamic Human Anatomy by William Whiting, Stuart Rugg ebook PDF download

Dynatomy With Web Resource: Dynamic Human Anatomy by William Whiting, Stuart Rugg Doc

Dynatomy With Web Resource: Dynamic Human Anatomy by William Whiting, Stuart Rugg Mobipocket

Dynatomy With Web Resource: Dynamic Human Anatomy by William Whiting, Stuart Rugg EPub