



# **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:**

#### **Roxanne Pineda:**

In this 21st century, people become competitive in each way. By being competitive today, people have do something to make these individuals survives, being in the middle of the actual crowded place and notice by means of surrounding. One thing that often many people have underestimated this for a while is reading. Yes, by reading a publication your ability to survive enhance then having chance to stand up than other is high. In your case who want to start reading any book, we give you this Dynatomy With Web Resource: Dynamic Human Anatomy book as starter and daily reading book. Why, because this book is greater than just a book.

#### **Bryce Adams:**

Nowadays reading books become more and more than want or need but also be a life style. This reading behavior give you lot of advantages. The benefits you got of course the knowledge the rest of the information inside the book that will improve your knowledge and information. The details you get based on what kind of reserve you read, if you want attract knowledge just go with education and learning books but if you want truly feel happy read one along with theme for entertaining for instance comic or novel. The Dynatomy With Web Resource: Dynamic Human Anatomy is kind of guide which is giving the reader unforeseen experience.

#### **Warner Gomez:**

Reading a reserve can be one of a lot of exercise that everyone in the world adores. Do you like reading book therefore. There are a lot of reasons why people fantastic. First reading a book will give you a lot of new facts. When you read a publication you will get new information mainly because book is one of several ways to share the information or their idea. Second, reading through a book will make an individual more imaginative. When you reading a book especially fictional book the author will bring someone to imagine the story how the characters do it anything. Third, you may share your knowledge to other people. When you read this Dynatomy With Web Resource: Dynamic Human Anatomy, you can tells your family, friends and also soon about yours book. Your knowledge can inspire the others, make them reading a e-book.

#### **Sandra Forester:**

What is your hobby? Have you heard which question when you got college students? We believe that that query was given by teacher on their students. Many kinds of hobby, Everybody has different hobby. And you know that little person like reading or as looking at become their hobby. You need to understand that reading is very important as well as book as to be the thing. Book is important thing to provide you knowledge, except your teacher or lecturer. You will find good news or update with regards to something by book. A substantial number of sorts of books that can you decide to try be your object. One of them is this Dynatomy With Web Resource: Dynamic Human Anatomy.

**Download and Read Online Dynatomy With Web Resource:  
Dynamic Human Anatomy William Whiting, Stuart Rugg  
#UHN9VK3E6CL**

## **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**