

Features:

- **UNIQUE! Electronic muscle and bone review program** features a base photograph with a skeleton drawn in and a list of every muscle for each major region of the body so that you can choose any combination of muscles and place them onto the illustration — allowing you to see not only the muscle attachments, but also the relationship among the muscles of the region.
- **Overlay art**, consisting of more than 380 full-color anatomical illustrations of muscles, bones, and ligaments drawn over photographs, helps identify the positions of muscles and bones in the human body.
- **Content is organized by body region** and includes information on how muscles in that region function together with large drawings of the muscles of that region so that you can go directly to the topic you are studying.
- **Complete muscle coverage** in an easy-to-understand layout makes this text appropriate for novices to anatomy, as well as intermediate and advanced users.
- **Coverage of the methodology for each muscle** provides information for learning muscle actions to explain the reasoning behind each action — and encourage you to learn and not just memorize.
- **Robust online resources** on the companion Evolve website feature more than 100 video clips and an interactive muscle program, among other resources.

New To This Edition:

- NEW! Instructional videos on Evolve simulate the classroom experience and reinforce book content.

Περιεχόμενα:**Part 1: The Musculoskeletal System**

1. Basic Kinesiology Terminology
2. The Skeletal System
3. How Muscles Function

Part 2: The Skeletal Muscles of the Upper Extremity

4. Muscles of the Shoulder Girdle Joints
5. Muscles of the Glenohumeral Joint
6. Muscles of the Elbow and Radioulnar Joints
7. Muscles of the Wrist Joint
8. Extrinsic Muscles of the Finger Joints
9. Intrinsic Muscles of the Finger Joints

Part 3: The Skeletal Muscles of the Axial Body

10. Muscles of the Spinal Joints
11. Muscles of the Rib Cage Joints
12. Muscles of the Temporomandibular Joints
13. Muscles of Facial Expression

Part 4: The Skeletal Muscles of the Lower Extremity

14. Muscles of the Hip Joint
15. Muscles of the Knee Joint
16. Muscles of the Ankle and Subtalar Joints
17. Extrinsic Muscles of the Toe Joints
18. Intrinsic Muscles of the Toe Joints

Part 5: Functional Mover Groups of Muscles

19. Functional Groups of Muscles

Index