FIFTH EDITION









JOSEPH E. MUSCOLINO

# THE MUSCULAR SYSTEM MANUAL

The Skeletal Muscles of the Human Body



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# **Muscular System Manual**

Joseph E. Muscolino

#### **Muscular System Manual:**

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for learning muscle actions to explain the reasoning behind each action a section of miscellaneous information about the muscle and much more Additional resources are included in ten helpful appendices covering topics like anatomical position and planes of the body joint actions reverse actions by groups of movers kinesiology basics palpation guidelines and mnemonics Content is organized by body region moving from head to extremities Numerous two color illustrations examine each muscle For each region covered there is an overview of the muscles of the region as a whole with large drawings of the muscles of that entire region and information on how muscles in that region function together The layout is compartmentalized for easy understanding and retention for both beginning and advanced students More than 100 pages of appendices provide readers with extensive information on Anatomical Position and Planes of the Body Joint Actions Reverse Actions Muscle Actions by Groups of Movers Soft Tissue Attachments Other Skeletal Muscles of the Body Palpation Guidelines Kinesiology Overview of Innervation Overview of Arterial Supply Mnemonics and Terminology A Methodology section for each muscle helps explain content so readers don't have to memorize Pedagogy and levels of depth for each muscle enable instructors to take this book straight into the classroom The Muscular System Manual Joseph E. Muscolino, 2005 A full color atlas of the muscles of the human body this text provides in depth coverage of skeletal muscles An easy to understand format organizes the material by body region moving from head to extremities For each region there is an overview of the muscles of the region as a whole with information on how muscles in that region function together and large drawings of the muscles of that entire region Then each particular muscle in that region is described with name the origin of that name Greek and Latin derivations pronunciation attachments actions a drawing with an arrow showing the muscle s line of pull innervation to two levels of detail and arterial supply to two levels of detail That overview is followed by a practical step by step guide to palpating that muscle a group muscle illustration to show the muscle's anatomical relationship to nearby muscles the methodology for learning muscle actions and clinically useful information for that muscle The Muscular System Manual and Kinesiology Texts, Flashcard Sets and Instructor s resources available **Coloring Book Package** Joseph E. Muscolino, 2006-02 This convenient money saving package is a must for comprehensively understanding the musculoskeletal system This COMPLETE package includes The Muscular System Manual 2nd Edition Kinesiology Musculoskeletal Anatomy Coloring Book Musculoskeletal Anatomy Flashcards and Flashcards for Bones Joints and Actions of the Human Body by Joseph E Muscolino For further information on each individual product please click on the links provided below The Muscular System Manual and Kinesiology (Enhanced Version) Texts, Flashcard Sets and Coloring Book Package Joseph E. Muscolino, 2006-11-15 This convenient money saving package is a must for comprehensively understanding the musculoskeletal system This COMPLETE package includes The Muscular System Manual 2nd Edition Kinesiology Enhanced Edition Musculoskeletal Anatomy Coloring Book Musculoskeletal Anatomy Flashcards and Flashcards for Bones Joints and Actions of the Human Body by Joseph E Muscolino For further information on each individual product please click on the links provided below 
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