

6 THE MUSCULAR SYSTEM

21

$$\frac{285}{306}$$

$$\frac{+93}{100}$$

A-



Muscles, the specialized tissues that facilitate body movement, make up about 40% of body weight. Most body muscle is the voluntary type, called **skeletal muscle** because it is attached to the bony skeleton. Skeletal muscle contributes to body contours and shape, and it composes the organ system called the **muscular system**. These muscles allow you to grin, frown, run, swim, shake hands, swing a hammer, and to otherwise manipulate your environment. The **balance** of body muscle consists of **smooth** and **cardiac muscles**, which form the bulk of the walls of hollow organs and the heart. Smooth and cardiac muscles are involved in the transport of materials within the body.

Study activities in this chapter deal with microscopic and gross structure of muscle, identification of voluntary muscles, body movements, and important understandings of muscle physiology.

OVERVIEW OF MUSCLE TISSUES

1. Nine characteristics of muscle tissue are listed below and on page 104. Identify the muscle tissue type described by choosing the correct response(s) from the key choices. Enter the appropriate term(s) or letter(s) of the key choice in the answer blank.

Key Choices

- A. Cardiac B. Smooth C. Skeletal

1. Involuntary
✓ Cardiac, Smooth
2. Banded appearance
✓ Cardiac, Skeletal
3. Longitudinally and circularly arranged layers
✓ Smooth
4. Dense connective tissue packaging
✓ Skeletal
5. Figure eight packaging of the cells
✓ Cardiac
6. Coordinated activity to act as a pump
✓ Cardiac

Anatomy Organization Of The Body Packet Answers

Brigitte Niedzwiecki, Julie Pepper



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Study Guide for Essentials of Anatomy & Physiology Andrew Case, 2011-02-23 The all new Study Guide for Essentials of Anatomy Physiology offers valuable insights and guidance that will help you quickly master anatomy and physiology This study guide features detailed advice on achieving good grades getting the most out of the textbook and using visual memory as a learning tool It also contains learning objectives unique study tips and approximately 4 000 study questions with an answer key all the tools to help you arrive at a complete understanding of human anatomy Study guide chapters mirror the chapters in the textbook making it easy to jump back and forth between the two during your reading Approximately 4 000 study questions in a variety of formats including multiple choice matching fill in the blank short answer and labeling reinforce your understanding of key concepts and content Chapters that are divided by the major topic headings found in the textbook help you target your studies Learning objectives let you know what knowledge you should take away from each chapter Detailed illustrations allow you to label the areas you need to know Study tips offering fun mnemonics and other learning devices make even the most difficult topics easy to remember Flashcard icons highlight topics that can be easily made into flashcards Answer key lists the answers to every study question in the back of the guide *Study Guide for Structure & Function of the Body* Kevin T. Patton, PhD, 2015-11-18 Learn to master the core terms concepts and processes of human anatomy and physiology Corresponding to the chapters in Thibodeau and Patton s *Structure Function of the Body* 15th Edition this engaging study guide contains variety of exercises activities and anatomy drawings to help you easily review retain and apply important A P concepts Brief synopsis of the core concepts from the textbook provides a comprehensive review of essential content Diagrams labeling exercises and coloring exercises reinforce where the structures of the body are located Crossword puzzles and word finds help readers master new vocabulary terms Application questions ask readers to make judgments based on the information in the chapter Matching and fill in the blank exercises help readers better understand chapter content Study tips in the preface provide insights on the most effective methods for learning and retaining information Answers to exercises in the back of the book include references to the appropriate textbook page to give readers instant feedback NEW Updated art throughout enhances learning by presenting anatomy even more clearly

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