

Anatomy

When sitting in a doctor's office, have you ever wished you really understood what the physician was talking about? If so, you will **love** learning the proper terminology used by healthcare professionals to explain the function and structure of body systems.

This course allows for self-paced, competency-based, individualized student training. Various learning activities are included in each module to help you master two required competencies. This course will be interesting, informative, and fun!

Now, let's start learning about the human body! Then, **you** can tell your doctor which middle ear bones transmit sound to your inner ear!

Competencies

At the end of this course, you will be able to:

- Correctly identify human anatomy by labeling diagrams.
- Explain how body systems function and interact.

To demonstrate your competency, you will take a summative assessment that consists of labeling diagrams and taking a theoretical exam.

To start the course:

Read the **syllabus** by clicking on the following link: [SYLLABUS](#) to understand the expectations for this course. The instructor will go through the syllabus and review the textbook with you on your first day of class.

In the left navigation bar is a Course Tools menu. It provides information about what tools you need for the course and how to navigate in Canvas. If you have trouble viewing content online, check the Course Tools for what you need.

Start the course with **Module 1** by clicking on the module icon below. You can also click on the **Modules** link in the left navigation bar. Remember to complete each module in the order listed below.

[Module 1](#)

[Module 5](#)

[Module 2](#)

[Module 6](#)

[Module 3](#)

[Module 7](#)

[Module 4](#)

[Module 8](#)

Module 1: Anatomy and Physiology and the Integumentary System Introduction

Do you know the difference between the sagittal and transverse planes of the body? Do you know how your hair and fingernails grow? You will know these facts and many more after you complete Module 1. This module will give you a basic introduction to anatomy and physiology. You will also learn about the integumentary system, which covers the skin, hair, and nails.

Follow the instructions given in this module and complete each assignment. The Study Aids page has extra practice to help you study the anatomy for this module. Don't pass over the helpful (and fun) activities created to help you

learn the concepts needed. After you have studied the information and completed the assigned questions in Chapters 1 and 5 of the textbook, take the practice quiz.

At the end of this lesson, you will be able to:

- Recognize the anatomy of the integumentary system.
- Describe the basic function of the integumentary system.

Chapter 1: Introduction to Anatomy and Physiology Instructions

For this activity, you will need to:

- Watch [Chapter 1: Introduction to Anatomy Video](#).
- Read Chapter 1, pages 1 - 11.
- Complete Review Questions on pages 11- 13. Answer only the following questions from Part A: 1-12, 15, 16, 18, 19, 22, 24, 29, 30-32, 34, 35, 37-42, 46, and 49.
- Check your answers from the answer key on page 19.

Ask your instructor to show you various anatomy models in the classroom. This will give you a hands-on general overview of anatomy. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 1: Introduction to Anatomy and Physiology Study Aids

Practice the topics by using the resources below.

[Introduction to the Human Body](#)

[Organ Systems and Physiological Role](#)

[Organ System and Components of the System](#)

[Directional Terms](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards to help you study terms in your book.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

Chapter 5: The Integumentary System Instruction

For this activity, you will need to:

- Watch [Chapter 5: Integumentary System Videos](#).
- Read Chapter 5, pages 97 - 105.

- Complete Review Questions Part A labeling on page 105.
- Answer the following questions from Part B: 1, 2, 4, 7, 8, 11-13, 17, 18, 20, 45, 47, and 48 on pages 106 - 108.
- Check your answers from the answer key on page 113.

If you have any questions, check with your instructor for further explanation.

Chapter 5: The Integumentary System Study Aids

Practice the topics by using the resources below.

[The Integumentary System](#)

[Epidermis](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards to help you study terms in your book.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

When you feel confident you know the medical terms in this module, check your knowledge by taking Quiz 1. You may retake the quiz to solidify your understanding of the terms. Passing with 80% or higher will enhance your ability to pass the comprehensive final exam at the end of the course.

M01.01 Quiz 1- Requires Respondus LockDown Browser

Module 2: Skeletal System Introduction

You may have heard the lyrics, “The toe bone connected to the heel bone, the heel bone connected to the foot bone .” In Module 2 you will learn all about bones, joints, and the entire skeletal system. You will know the names of your bones, how they are formed, and their purpose. You will be love knowing the difference between a metatarsal and metacarpal!

Follow the instructions given in this module and complete each assignment. The Study Aids page has extra practice to help you study the anatomy for this module. Don’t pass over the helpful (and fun) activities created to help you learn the concepts needed. When you have studied the information and completed the assigned questions in Chapters 6 and 7 of the textbook, take the practice test.

At the end of this lesson, you will be able to:

- Recognize the anatomy of the skeletal system.
- Describe the basic functions of the skeletal system.

Chapter 6: Bones and Joints Instruction

For this activity, you will need to:

- Watch [Chapter 6: Bones and Joints Video](#).
- Read Chapter 6, pages 115 - 126.

- Complete Review Questions Part A labeling, and the following questions from from Part B: 1, 2, 5, 6, 11, 13, 15, 21, 24, 25, 30, and 43-50 on pages 127 - 131.
- Check your answers from the answer key on pages 136 - 137.

Ask your instructor to show you “Bucky” the skeleton in the classroom. This will give you a hands-on general overview of the bones and joints. Also, ask to see the anatomic model of the “half head with the brain and arteries.” This model illustrates the bones of the cranium. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 6: Bones and Joints Study Aids

Practice the topics by using the resources below.

[The Skeletal System](#)

[Bones](#)

[Diathroses Part 1](#)

[Diarthroses Part 2](#)

[Joint Movements](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards to help you study terms in your book.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

When you feel confident you know the medical terms in this module, continue on to the next section.

Chapter 7: The Skeletal System Instruction

For this activity, you will need to:

- Watch [Chapter 7: The Skeletal System Video](#).
- Read Chapter 7, pages 139 - 153.
- Complete Review Questions Part A labeling and the following questions from Part B: 1, 2, 5, 6-12, 15, 17, 19-25, 27, 28, 30, 32, 33, 35, 39, 41-44, and 46-50 on pages 154 - 159.
- Check your answers from the answer key on pages 164 - 165.
- Open the following two illustrations of the skeleton and the skull. Check your knowledge by identifying the bones indicated. This information will be required as part of your Final Assessment Exam.
 - [skeleton.pdf](#)

Settings

 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)

- [Skull.pdf](#)
- You can check your answers here:
 - [Skeleton key.pdf](#)
 - [Skull key.pdf](#)

Ask your instructor to show you “Bucky” the skeleton in the classroom. This will give you a hands-on general overview of the bones and joints. Also, ask to see the anatomic model of the “half head with the brain and arteries.” This model illustrates the bones of the cranium. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 7: The Skeletal System Study Aids

Practice the topics by using the resources below.

[Axial System](#)

[Appendicular Skeleton](#)

[Skeletal System](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards to help you study terms in your book.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

When you feel confident you know the medical terms in this module, check your knowledge by taking a practice and labeling quizzes. You may retake the quizzes to solidify your understanding of the terms. Passing with 80% or higher will enhance your ability to pass the comprehensive final exam at the end of the course.

M02.01 Quiz 2- Requires Respondus LockDown Browser

M02.02 Skeleton Test- Requires Respondus LockDown Browser

Instructions

Type the correct term for the labeled part in the space provided.

M02.03 Skull Test- Requires Respondus LockDown Browser

Module 3: Muscular System Introduction

Most of us want a tight and firm *gluteus maximus*. Do you know what that is? Learning about muscle tissue and how it works will be covered in Module 3. You will not only learn the location and medical names of muscles, but where they attach and their functions.

Follow the instructions given in this module and complete each assignment. The Study Aids page has extra practice to help you study the anatomy for this module. Don't pass over the helpful (and fun) activities created to help you learn the concepts needed. When you have studied the information and completed the assigned questions in Chapters 8 and 9 of the textbook, take the practice test. Happy "muscle" hunting!

At the end of this lesson, you will be able to:

- Recognize the anatomy of the muscular system.
- Describe the basic functions of the muscular systems.

Chapter 8: Muscle Tissues Instruction

For this activity, you will need to:

- Watch [Chapter 8: The Muscle Tissues Videos](#).
- Read Chapter 8, pages 167 - 179.
- Complete Review Questions Part A labeling and the following questions from from Part B: 1-4, 44-47, 49, and 50 on pages 180 - 183.
- Check your answers from the answer key on pages 188 - 189.

Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 8: Muscle Tissues Study Aids

Practice the topics by using the resources below.

Anatomy Drill and Practice has free drag and drop for labeling for Level 1. Level 2 requires you to type in the correct label. When you are finished with these activities, click your browser's back button to continue practicing.

Muscle Tissue

- [Organization of skeletal muscle and its connective tissue coverings \(Links to an external site.\)Links to an external site.](#)
- [Structure of the neuromuscular junction \(NMJ\), the synapse between a somatic motor neuron and a skeletal muscle fiber, NMJ \(Links to an external site.\)Links to an external site.](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards to help you study terms in your book.

- [Study Stack Apps \(Links to an external site.\)](#)[Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

Chapter 9: The Muscles Instruction

For this activity, you will need to:

- Read Chapter 9, pages 191 - 208.
- Study Table 9.1 on page 195 to learn the basic muscle groups and their function.
- Complete Review Questions, Part A--Picture Labeling. (You will be required to label the major muscles on Quiz 3.)
- Check your answers from the answer key on page 219.
- For this chapter, no questions from the back of the chapter are required.
- Open the following two illustrations of the front and back muscles of the body. Check your knowledge by identifying the muscles indicated. This information will be required as part of your Final Assessment Exam.
 - [Muscles front.pdf](#)
Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)
 - [Muscles back.pdf](#)
Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)
- You can check your answers here:
 - [Muscles front key.pdf](#) (**Note: The muscle gracilis has been misspelled.**)
 - [Muscles back key.pdf](#)
Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)

Ask your instructor to show you the anatomic model of the "lumbar vertebra" in the classroom. This will give you a hands-on general overview of the muscle tissues. Once you have completed all your work for this chapter, continue on to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 9: The Muscles Study Aids

Practice the topics by using the resources below.

[Muscular System](#)

[Muscles](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)](#)[Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards. Use the **REVIEW** section at the end of the chapter to make your flash cards.
- [Study Stack Apps \(Links to an external site.\)](#)[Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

When you feel confident you know the medical terms in this module, check your knowledge by taking the practice and labeling quizzes. You may retake the quizzes to solidify your understanding of the terms. Passing with 80% or higher will enhance your ability to pass the comprehensive final exam at the end of the course.

M03.01 Quiz 3- Requires Respondus LockDown Browser

M03.02 Muscles Test - Back View - Requires Respondus LockDown Browser

Instructions

Type the correct term for the labeled part in the space provided.

M03.03 Muscles Test - Front View- Requires Respondus LockDown Browser

Module 4: Nervous System and the Special Senses Introduction

CNS and PNS. These acronyms will have special meaning to you when you have completed Module 4. You will learn about nervous tissue, how the nervous system is organized and also about our special senses: vision, hearing, taste, smell, touch, and equilibrium. So if you have ever wondered why a person is nearsighted or farsighted, you will learn it here!

Follow the instructions given in this module and complete each assignment. The Study Aids has extra practice to help you study the anatomy for this module. Don't pass over the helpful (and fun) activities created to help you learn the concepts needed. When you have studied the information and completed the assigned questions in Chapters 10, 11 and 12 of the textbook, take the practice test.

At the end of this lesson, you will be able to:

- Recognize the anatomy of the sensory and nervous systems within the body.
- Describe the basic functions of the sensory and nervous systems within the body.

Chapter 10: Nervous Tissue Instruction

For this activity, you will need to:

- Watch [Chapter 10: Nervous Tissue Videos](#)
- Read Chapter 10, pages 223 - 235.
- Complete Review Questions. Answer only the following questions from from Part A: 1-8, and 36 on pages 236 - 237.
- Check your answers from the answer key on pages 243 - 244.

Ask your instructor to show you the anatomic models of the "half head" and "brains with arteries" in the classroom. This will give you a hands-on general overview of the nervous tissue. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 10: Nervous Tissue Study Aids

Practice the topics by using the resources below.

Anatomy Drill and Practice has free drag and drop for labeling for Level 1. Level 2 requires you to type in the correct label.

[Nervous Tissue](#)

[Reflex Arc](#)

[Neurotransmitters](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

Chapter 11: Nervous System Organization Instruction

For this activity, you will need to:

- Watch [Chapter 11: Nervous System Organization Videos.](#)
- Read Chapter 11, pages 245 - 259.
- Complete Review Questions Part A labeling and the following questions from from Part B: 1, 4-6, 8-11, 13, 15-17, 19-30, 32-41, 43, and 45-47 on pages 260 - 264.
- Check your answers from the answer key on pages 269 - 270.

If you have any questions, check with your instructor for further explanation. Once you have completed all your work for this chapter, continue on to the Study Aids.

Chapter 11: Nervous System Organization Study Aids

Practice the topics by using the resources below.

[Spinal Cord and Spinal Nerves](#)

[Brain and Cranial Nerves](#)

[Nervous System](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

Chapter 12: The Special Senses Instruction

For this activity, you will need to:

- Watch [Chapter 12: The Special Senses Videos](#)
- Read Chapter 12, pages 271 - 283.
- Complete Review Questions Part A labeling and the following questions from Part B: 1-7, 9, 13-16, 19-21, 24-26, 28-34, 39-41, 43-45, and 48 on pages 284 - 288.
- Check your answers from the answer key on pages 293 - 294.
- Open the following illustration of the eyeball and ear. Check your knowledge by identifying the anatomic parts indicated. This information will be required as part of your Final Assessment Exam.
 - [Eyeball & Ear.pdf](#)
Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)
- You can check your answers here:
 - [Eyeball & Ear key.pdf](#)
Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)

Ask your instructor to show you the anatomic model of the "eye" in the classroom. This will give you a hands-on general overview of the nervous tissue. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 12: The Special Senses Study Aids

Practice the topics by using the resources below.

[Special Senses Drag and Drop](#)

[Special Senses](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

When you feel confident you know the medical terms in this module, check your knowledge by taking the practice and labeling quizzes. You may retake the quizzes to solidify your understanding of the terms. Passing with 80% or higher will enhance your ability to pass the comprehensive final exam at the end of the course.

M04.01 Quiz 4- Requires Respondus LockDown Browser

M04.02 Eyeball Test- Requires Respondus LockDown Browser

Instructions

Type the correct term in to the labeled part in the space provided.

M04.02 Eyeball Test- Requires Respondus LockDown Browser

Instructions

Type the correct term in to the labeled part in the space provided.

Module 5: Endocrine and Cardiovascular Systems Introduction

Warning! This module could get a little "bloody." We will not only study all aspects of our blood, but also the endocrine and cardiovascular systems in Module 5. You will learn why the glands in our body (i.e., pituitary,

adrenal, thyroid, etc.) play such an important part in how our body functions. Blood is literally our “life” stream, and we all know that we wouldn’t live very long if our heart stopped. You will feel like a genius when you complete this module!

Follow the instructions given in this module and complete each assignment. The Study Aids has extra practice to help you study the anatomy for this module. Don’t pass over the helpful (and fun) activities created to help you learn the concepts needed. When you have studied the information and completed the assigned questions in Chapters 13, 14 and 15 of the textbook, take the practice test.

At the end of this lesson, you will be able to:

- Identify the anatomy of the endocrine and cardiovascular systems within the body.
- Explain the basic functions of the endocrine and cardiovascular systems.

Chapter 13: The Endocrine System Instruction

For this activity, you will need to:

- Watch [Chapter 13: The Endocrine System Videos](#)
- Read Chapter 13, pages 295 - 308.
- Complete Review Questions Part A labeling and the following questions from from Part B: 1, 3, 9, 11-13, 18-24, 27, 38, and 40 on pages 308 - 311.
- Check your answers from the answer key on pages 316 - 317.
- Open the following illustration of the endocrine system. Check your knowledge by identifying the organs indicated. This information will be required as part of your Final Assessment Exam.
 - [Endocrine.pdf](#)
Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)
- You can check your answers here:
 - [Endocrine key.pdf](#)
Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)

Ask your instructor to show you the anatomic model of the "full front body torso and organs" in the classroom. This will give you a hands-on general overview of the endocrine system. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 13: The Endocrine System Study Aids

Practice the topics by using the resources below.

[Endocrine System](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

Chapter 14: The Blood Instruction

For this activity, you will need to:

- Watch [Chapter 14: The Blood Videos](#)
- Read Chapter 14, pages 319 - 331.
- Complete Review Questions. Answer only the following questions from from Part A: 1-6, 10-12, 18, 25, 26, 28-30, 32, 34, 49, and 50 on pages 335 - 338.
- Check your answers from the answer key on page 340.

Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 14: The Blood Study Aids

Practice the topics by using the resources below.

Anatomy Drill and Practice - Free drag and drop practice for labeling. Many activities have a Level 1 and Level 2. Level 2 requires you to type in the correct label. Choose the system you want to study.

- [Origin, development, and structure of blood cells \(Links to an external site.\)Links to an external site.](#)

Leukocytes

- [Chapter 14: Leukocytes and Appearance Flashcards](#)
- [Chapter 14: Leukocytes and Appearance Matching](#)
- [Chapter 14: Leukocytes and Appearance Targets](#)
- [Chapter 14: Leukocytes and Appearance Check Your Knowledge](#)

Elements of Blood

- [Chapter 14: Elements of the Blood Flashcards](#)
- [Chapter 14: Elements of the Blood Matching](#)
- [Chapter 14: Elements of the Blood Check Your Knowledge](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

Chapter 15: The Cardiovascular System Instruction

For this activity, you will need to:

- Watch [Chapter 15: The Cardiovascular System Videos](#)
- Read Chapter 15, pages 343 - 359.
- Complete Review Questions Part A labeling and the following questions from Part B: 1-6, 9-15, 17-19, 22, 23, 24-31, 33, 37-41, 43, and 46-49 on pages 360 - 366.
- Check your answers from the answer key on pages 371 - 373.
- Open the following illustration of the heart. Check your knowledge by identifying the anatomy of the heart indicated. This information will be required as part of your Final Assessment Exam.
 - [Heart.pdf](#)

Settings

 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)
- You can check your answers here:
 - [Heart key.pdf](#)

Settings

 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)

Ask your instructor to show you the anatomic models of the "heart" and "brain with arteries" in the classroom. This will give you a hands-on general overview of the cardiovascular system. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 15: The Cardiovascular System Study Aids

Practice the topics by using the resources below.

[The Heart](#)

[Blood Vessels and Hemodynamics](#)

[Cardiovascular System](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)](#)[Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)](#)[Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

When you feel confident you know the medical terms in this module, check your knowledge by taking the practice and labeling quizzes. You may retake the quizzes to solidify your understanding of the terms. Passing with 80% or higher will enhance your ability to pass the comprehensive final exam at the end of the course.

M05.01 Quiz 5 - Requires Respondus LockDown Browser

M05.02 Endocrine Test- Requires Respondus LockDown Browser

Instructions

Type the correct answers in the blanks provided.

M05.03 Heart Test- Requires Respondus LockDown Browser

Instructions

Type the correct term for the labeled part in the space provided.

Module 6: Lymphatic and Respiratory Systems Introduction

HINT: There may be an answer in Module 6 for why your “Aunt Martha” is always getting sick! As you study Chapter 16, you will learn about the lymphatic and immune systems. We will also study the respiratory system in Chapter 17. You will learn the difference between the larynx and pharynx, what role the trachea, bronchi, and bronchioles play as you breathe, and of course, we will study the ever important lungs.

Follow the instructions given in this module and complete each assignment. The Study Aids has extra practice to help you study the anatomy for this module. Don't pass over the helpful (and fun) activities created to help you learn the concepts needed. When you have studied the information and completed the assigned questions in Chapters 16 and 17 of the textbook, take the practice test.

At the end of this lesson, you will be able to:

- Identify the anatomy related to the lymphatic and respiratory systems.
- Explain the basic functions of the lymphatic and respiratory systems.

Chapter 16: The Lymphatic and Immune Systems Instruction

For this activity, you will need to:

- Read Chapter 16, pages 375-385 only.
- Complete Review Questions Part A labeling and the following questions from Part B: 1, 3-5, 7, 14-18, 22, 24, 27, 28, 32, and 36 on pages 390 - 393.
- Check your answers from the answer key on pages 398 - 399.

Note: The answer to question #28 on p. 392 is listed as “interstitial fluid” in the answer key on p. 399. This is correct. The book states on p. 382, (second paragraph under the Lymph heading) that “The tissue fluid entering a nearby lymphatic vessel is “lymph.” Fluid found within the tissue is called “interstitial fluid.” The first paragraph states that “Lymph is derived from blood,” which is also true. The correct answer on a test will be “interstitial fluid.”

Ask your instructor to show you the anatomic model of the "full front body torso and organs" in the classroom. This will give you a hands-on general overview of anatomy. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 16: The Lymphatic and Immune Systems Study Aids

Practice the topics by using the resources below.

[Lymphatic System](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

Chapter 17: The Respiratory System Instruction

For this activity, you will need to:

- Watch [Chapter 17: The Respiratory System Video](#).
- Read Chapter 17, pages 401-412.
- Complete Review Questions Part A and the following questions from Part B: 1, 2, 4-6, 8-10, 12, 14, 16-26, 28, 29, 31, 32, 34-36, 38, and 39 on pages 415 - 418.
- Check your answers from the answer key on pages 423 - 424.
- Open the following illustration of the respiratory system. Check your knowledge by identifying the parts indicated. This information will be required as part of your Final Assessment Exam.
 - [Respiratory.pdf](#)

Settings

- [Preview](#)
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- You can check your answers here:
 - [Respiratory key.pdf](#)

Settings

- [Preview](#)
- [Download](#)
- [Alternative formats](#)

Ask your instructor to show you the anatomic model of the "full front body torso and organs" and "lung Model with Larynx" in the classroom. This will give you a hands-on general overview of the endocrine system. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 17: The Respiratory System Study Aids

Practice the topics by using the resources below. When you are finished with these activities, click your browser's back button to continue practicing.

[Respiratory System Drag and Drop](#)

[Respiratory System](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

When you feel confident you know the medical terms in this module, check your knowledge by taking the practice and labeling quizzes. You may retake the quizzes to solidify your understanding of the terms. Passing with 80% or higher will enhance your ability to pass the comprehensive final exam at the end of the course.

M06.01 Quiz 6- Requires Respondus LockDown Browser

M06.02 Respiratory Test- Requires Respondus LockDown Browser

Instructions

Type the correct term for the labeled part in the space provided.

Module 7: Digestive and Urinary Systems Introduction

Did you know that large and small intestines are approximately 26 feet long? Module 7 discusses both the digestive and urinary systems. Chapter 18 in your textbook contains information about the gastrointestinal tract, the liver (the largest gland in the body) and the pancreas. While studying Chapter 20 you will learn how urine forms, what is contained in urine, and how the ureters, bladder, and urethra aid in the urinary system.

Follow the instructions given in this module and complete each assignment. The Study Aids has extra practice to help you study the anatomy for this module. Don't pass over the helpful (and fun) activities created to help you learn the concepts needed. When you have studied the information and completed the assigned questions in Chapters 18 and 20 of the textbook, take the practice test..

At the end of this lesson, you will be able to:

- Recognize the anatomy of the digestive and urinary systems within the body.
- Describe the basic functions of the digestive and urinary systems within the body.

Chapter 18: The Digestive System Instruction

For this activity, you will need to:

- Watch [Chapter 18: The Digestive System Videos](#).
- Read Chapter 18, pages 425 - 441.
- Study figure 18.1 on page 426.
- Complete Review Questions Part A labeling and the following questions from from Part B: 1, 3, 5-7, 9, 12, 15, 19, 23, 25-29, 31, 36, 37, 41, 43, and 46-50 on pages 441 - 445.
- Check your answers from the answer key on page 450.
- Open the following illustration of the digestive system. Check your knowledge by identifying the parts indicated. This information will be required as part of your Final Assessment Exam.
 - [Digestive & Urinary.pdf](#)
Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)
- You can check your answers here:
 - [Digestive Key.pdf](#)
Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)

Ask your instructor to show you the anatomic model of the "digestive system" in the classroom. This will give you a hands-on general overview of the endocrine system. Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 18: The Digestive System Study Aids

Practice the topics by using the resources below.

[Digestive System Drag and Drop](#)

[Digestive System](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

Chapter 20: The Urinary System Instruction

For this activity, you will need to:

- Read only introductory paragraphs on Pages 485-486 for Chapter 20. Read sections: The Kidneys, The Nephron, Urine, Accessory Structures, and Other Excretory Organs.
- Complete Review Questions Part A labeling and the following questions from Part B: 2-4, 7-9, 13, 46, 48-50 on pages 498 - 501.
- Check your answers from the answer key on Page 507.
- Open the following illustration of the urinary system. Check your knowledge by identifying the urinary anatomy indicated. This information will be required as part of your Final Assessment Exam.
 - [Urinary System.pdf](#)
 - Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)
- You can check your answers here:
 - [Urinary System - Key.pdf](#)
 - Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)

Ask your instructor to show you the anatomic model of the "kidney and urinary system" in the classroom. This will give you a hands-on general overview of the endocrine system. Once you have completed all your work for this chapter, continue to the Study Aids. If you have any questions, check with your instructor for further explanation.

Chapter 20: The Urinary System Study Aids

Practice the topics by using the resources below.

Urinary System

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

When you feel confident you know the medical terms in this module, check your knowledge by taking the practice and labeling quizzes. You may retake the quizzes to solidify your understanding of the terms. Passing with 80% or higher will enhance your ability to pass the comprehensive final exam at the end of the course.

M07.01 Quiz 7 - Requires Respondus LockDown Browser

M07.02 Digestive Test- Requires Respondus LockDown Browser

Instructions

Type the correct terms.

M07.03 Urinary Test- Requires Respondus LockDown Browser

Module 8: Male and Female Reproductive Systems Introduction

We saved the best for the last! In Chapters 22 and 23 you will learn about the miracle of embryonic and fetal development. The male and female reproductive systems including anatomy, hormones, physiology, and organs are discussed. Knowledge of anatomy and physiology will be helpful for your entire life!

Follow the instructions given in this module and complete each assignment. The Study Aids has extra practice to help you study the anatomy for this module. Don't pass over the helpful (and fun) activities created to help you learn the concepts needed. When you have studied the information and completed the assigned questions in Chapters 22 and 23 of the textbook, take the practice test.. All that is left is the Final Exams. Review what you have learned and shine!

At the end of this lesson, you will be able to:

- Identify the anatomy related to the male and female reproductive systems.
- Explain the basic functions of the male and female reproductive systems.

Chapter 22: The Male Reproductive System Instruction

For this activity, you will need to:

- Read Chapter 22, pages 529 - 537.
- Study Figure 22.1 on page 530.
- Complete Review Questions Part A labeling and the following questions from Part B: 1-4, 9-11, 15, 18, 24, 25, 29, 31, 32, 34-36, 41-46, 49, and 50 on pages 538 - 541.
- Check your answers from the answer key on page 546.

Once you have completed all your work for this chapter, continue to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 22: The Male Reproductive System Study Aids

Practice the topics by using the resources below.

[Male Reproductive System Drag and Drop](#)

[Male Reproductive System](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

Chapter 23: The Female Reproductive System Instruction

For this activity, you will need to:

- Read Chapter 23, pages 549 - 566.
- Complete Review Questions Part A and the following questions from Part B: 2, 3, 6-23, 25, 26, 28, 34, 36, 40, 43, 44, and 49 on pages 567 - 570.
- Check your answers from the answer key on pages 575 - 576.
- Open the following illustration of the anatomy of the male and female reproductive systems. Check your knowledge by identifying the reproductive organs indicated. This information will be required as part of your Final Assessment Exam.
 - [Reproductive.pdf](#)
 - Settings
 - [Preview](#)
 - [Download](#)
 - [Alternative formats](#)
- You can check your answers here:

- [Reproductive key.pdf](#)

Settings

- [Preview](#)
- [Download](#)
- [Alternative formats](#)

Once you have completed all your work for this chapter, continue on to the Study Aids.

If you have any questions, check with your instructor for further explanation.

Chapter 23: The Female Reproductive System Study Aids

Practice the topics by using the resources below.

[Female Reproductive System Drag and Drop](#)

[Female Reproductive System](#)

For extra practice, you can use Study Stack to create flash cards to help you study terms that you have trouble remembering.

- [Study Stack \(Links to an external site.\)Links to an external site.](#) - Free website that allows you to build your own flash cards or use already created flash cards.
- [Study Stack Apps \(Links to an external site.\)Links to an external site.](#) - If you have a mobile device, you might want to use the app to help you study while on the go.

When you feel confident you know the medical terms in this module, check your knowledge by taking the practice and labeling quizzes. You may retake the quizzes to solidify your understanding of the terms. Passing with 80% or higher will enhance your ability to pass the comprehensive final exam at the end of the course.

M08.01 Quiz 8 - Requires Respondus LockDown Browser

M08.02 Reproductive Test- Requires Respondus LockDown Browser

Finals

You have completed all the activities for this course. You will take two finals. One final is a series of questions that you must answer. The other final is a series of labeling of anatomy parts. You must pass both exams with 80% or higher. Once you have successfully pass both exams, check with your instructor to see if you have pass the course.

M09.01 Final Exam Part 1- Requires Respondus LockDown Browser

M09.02 Final Quiz Part 2- Requires Respondus LockDown Browser

Instructions

Fill in the blanks by typing the correct term for each labeled item. Spelling does count!