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› [Pearson Laboratory Manual for Human Anatomy & Physiology: A Hands-on Approach, Pig Version \(Model 0135473691\)](#)

**Pearson 0135473691**

# Laboratory Manual for Human Anatomy & Physiology: A Hands-on Approach, Pig Version

Model: 0135473691

## 1. INTRODUCTION

This manual is designed for two-semester Anatomy & Physiology laboratory courses. It offers a structured approach to learning human anatomy and physiology through a variety of laboratory activities. The Pig Version includes specific exercises related to pig dissection, in addition to the core content.

The manual integrates pre-lab, in-lab, and post-lab activities, featuring over 100 photographs of anatomical models and over 50 lab videos. These resources are intended to assist students in preparing for and completing laboratory exercises effectively.

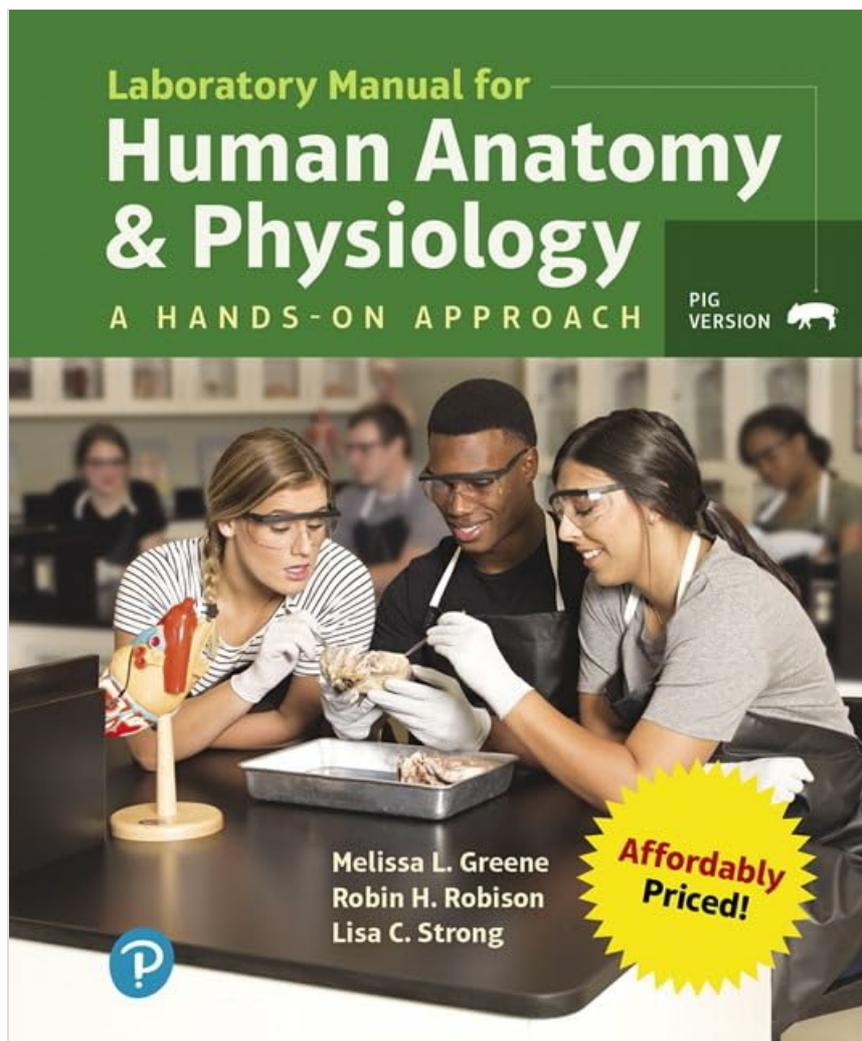


Image 1.1: Front cover of the *Laboratory Manual for Human Anatomy & Physiology: A Hands-on Approach, Pig Version*.

## 2. SETUP AND PREPARATION

Before beginning any laboratory exercise, ensure you have all necessary materials and have completed the designated pre-lab activities. This manual is designed to be used in conjunction with anatomical models, cadavers, and potentially other lab equipment as specified by your instructor.

### 2.1 Required Materials

- The Laboratory Manual for Human Anatomy & Physiology (Pig Version).
- Writing instruments (pens, pencils, colored pencils for labeling activities).
- A three-ring binder for organizing loose-leaf pages (refer to Section 4.1 for important notes on page alignment).
- Access to anatomical models and/or cadavers as required by specific exercises.
- Access to lab videos and online resources, if integrated with Modified Mastering A&P.

### 2.2 Pre-Lab Activities

Each chapter typically includes pre-lab exercises designed to prepare you for the hands-on portion. These may involve:

- Reading background information.

- Completing coloring and labeling tasks.
- Watching assigned lab videos.

Completing these activities prior to the lab session is crucial for effective learning and efficient use of lab time.

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### 3. OPERATING THE MANUAL

The manual provides step-by-step instructions for laboratory activities. It is structured to guide you through each exercise with clear objectives and procedures.

#### 3.1 General Lab Procedure

1. **Review Background Information:** Read the concise background information provided at the beginning of each lab.
2. **Follow Step-by-Step Activities:** Execute the lab activities as described, paying close attention to details.
3. **Identify Structures:** Utilize the images of anatomical models and cadavers within the manual to identify key anatomical structures.
4. **Complete Post-Lab Exercises:** After completing the hands-on portion, finish any post-lab questions or assignments to reinforce learning.

#### 3.2 Pig Dissection Exercises

This Pig Version of the manual includes 9 additional pig dissection exercises located at the back of the manual. These exercises provide specific instructions and diagrams for dissecting and identifying structures within a pig specimen. Always follow safety guidelines and instructor directions when performing dissections.

#### 3.3 Digital Integration (Mastering A&P)

If your course utilizes Modified Mastering A&P, this platform extends the learning experience by offering additional practice, learning modules, and application of knowledge outside of the classroom. Refer to your course syllabus or instructor for specific access and usage instructions for Mastering A&P.

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### 4. MAINTENANCE AND CARE

Proper care and organization of your loose-leaf manual will ensure its longevity and usability throughout your course.

#### 4.1 Page Organization

This manual is provided in a loose-leaf format. It is recommended to immediately place all pages into a sturdy three-ring binder upon receipt. Please note that some users have reported that the pre-punched holes may not align with all standard binders. If this occurs, you may need to use a hole punch to adjust the holes or acquire a binder that accommodates the existing hole pattern.

#### 4.2 Handling

Handle pages carefully to prevent tearing, especially around the punched holes. Keep the manual away

from liquids and direct sunlight to preserve the print quality and integrity of the paper.

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## 5. TROUBLESHOOTING

This section addresses common issues that may arise during the use of the manual.

### 5.1 Missing or Damaged Pages

Upon receiving your manual, inspect all pages to ensure completeness and condition. If you discover any missing or significantly damaged pages, contact your place of purchase or the publisher (Pearson) for assistance. It is important to do this promptly to avoid disruption to your studies.

### 5.2 Difficulty Identifying Structures

If you are having difficulty identifying anatomical structures, utilize the following resources:

- Review the detailed images of anatomical models and cadavers provided within the manual.
  - Watch the accompanying lab videos, if available through your course's digital resources.
  - Consult your instructor or teaching assistant for clarification and guidance.
  - Refer to your primary Human Anatomy & Physiology textbook, as this manual incorporates terminology and artwork consistent with Erin Amerman's text.
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## 6. SPECIFICATIONS

<b>Publisher</b>	Pearson
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## 7. WARRANTY INFORMATION

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## 8. SUPPORT

For content-related questions, clarifications on exercises, or issues with accompanying digital resources (like Mastering A&P), please contact your course instructor or teaching assistant. For inquiries regarding the physical product, such as missing components or manufacturing defects, please contact Pearson Publishing directly or the retailer where the manual was acquired.

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