

MedOne Anatomy Lab

Bring Anatomy Learning to Life Anywhere, Anytime

A FLEXIBLE DIGITAL SOLUTION FOR ANATOMY EDUCATION

MedOne Anatomy Lab combines expert-guided dissection videos with detailed anatomical illustrations to help students prepare for lab, reinforce learning, and connect anatomy concepts to real-world application. Faculty can easily integrate flexible, ready-to-use modules into existing courses and LMS environments.

Why MedOne Anatomy Lab?

READY-TO-USE CURRICULUM

Pre-built modules organized by anatomical region allow instructors to quickly integrate high-quality anatomy and dissection content into their courses.

FLEXIBLE COURSE CUSTOMIZATION

Each module is a standalone learning object that can be reordered, deep-linked, added to playlists, or integrated into learning management systems (LMS) to match local curriculum needs.

SUPPORT FOR HYBRID AND SELF-DIRECTED LEARNING

Students can study asynchronously before lab sessions, reinforce learning afterward, and access content on demand from any device.

SEAMLESS ACCESS

Available through the MedOne platform with IP authentication, responsive design, and optional LMS integration to reduce barriers to student use.

Anatomical reference illustrations

Abdomen: Celiac Trunk, Stomach, Spleen, Liver, and Gallbladder

Goals

- Identify the gross anatomical features and specializations of the stomach, spleen, liver and gallbladder.
- Identify the celiac trunk and identify its branches.
- Trace the celiac trunk to its termination in the descending part of the duodenum.

Guided dissection instructions

Dissection and Identification

1. Use your hand to explore and identify the following features of the liver (Fig. 38.1):

right lobe

left lobe

falciform ligament, the double-layered serous membrane that divides liver into **right** and **left lobes**

ligamentum teres (hepatis), in the **free inferior edge** of the falciform ligament

2. Trace the falciform ligament superiorly as it splits. Slide your hand between the liver and the diaphragm until it is stopped by the reflection of the visceral peritoneum of the liver reflecting onto the diaphragm. The space in which your hand is inserted is the **subphrenic space**, or **recess**.

3. Re-identify the splitting of the falciform ligament into the anterior leaflet of the **coronary ligament** (which eventually becomes the right triangular ligament) and the **left triangular ligament**.

4. Use a scalpel to cut the coronary and triangular ligaments to free the liver from its attachment to the

Fig. 38.1
Adapted from Gilroy & MacPherson, *Atlas of Anatomy*, 3rd Ed., Fig. 15.7B

Video 38.5
Review: The superior surface of the liver

Step-by-step procedure videos

Empower Faculty. Prepare Students. Improve Anatomy Learning.

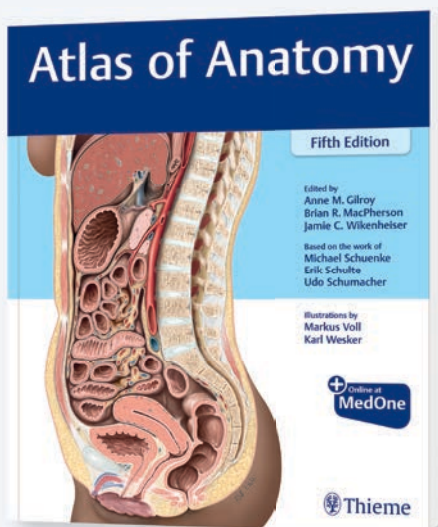
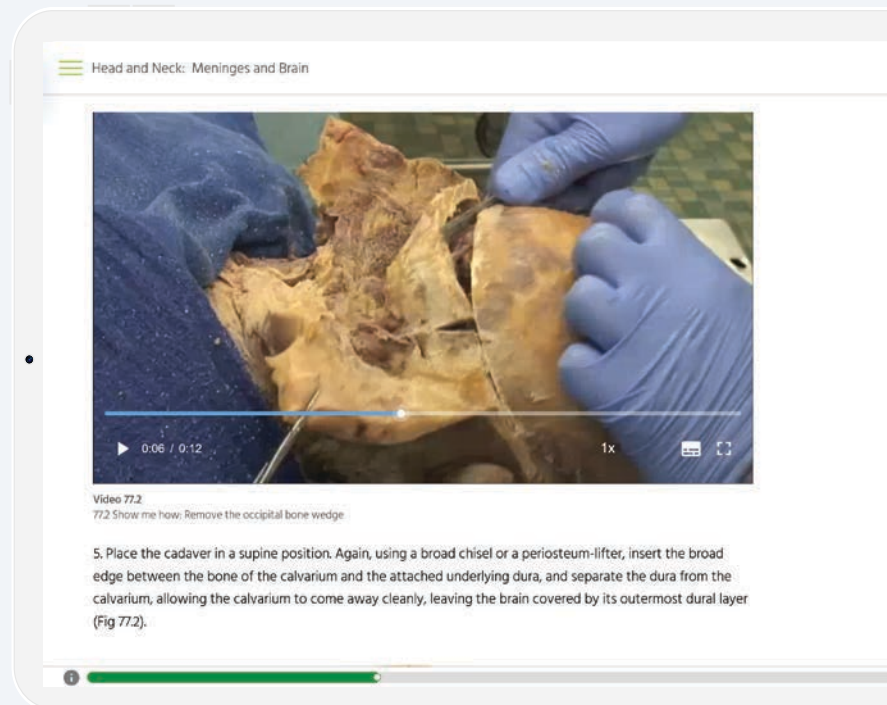
What's Included?

84 LEARNING MODULES ACROSS SEVEN ANATOMICAL REGIONS:

Trunk	Pelvis & Perineum
Upper Limb	Lower Limb
Thorax	Head & Neck
Abdomen	

PLUS:

- ✓ 350+ step-by-step dissection videos
- ✓ 350+ high-quality anatomical images
- ✓ Progress tracking for students
- ✓ Institutional usage statistics for libraries
- ✓ Optional SCORM packages for LMS integration



THE PERFECT COMPANION TO ATLAS OF ANATOMY

MedOne Anatomy Lab complements *Atlas of Anatomy* (Gilroy) by extending foundational anatomical knowledge into hands-on dissection instruction. Students can study anatomy concepts alongside guided dissection videos and corresponding illustrations, creating a stronger connection between theory and practice.

IDEAL FOR

Medical Schools
Physician Assistant Programs
Physical Therapy Programs
Health Sciences Programs
Academic Libraries