



# Complete Anatomy

3D人体解剖教学软件  
(教师版)

3D4MEDICAL from ELSEVIER





# Complete **Anatomy**



全球注册用户  
超过 150万



下载次数  
超过 2500万



顶尖大学  
超过 400所



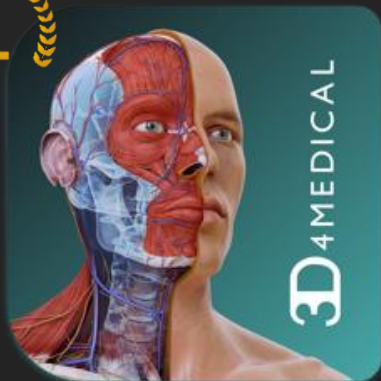
## 2019 American Association of Anatomists Annual Meeting 美国解剖协会年会：

- Study of all leading anatomy apps by faculty from University of Iowa, Carver College of Medicine.<sup>3</sup>
- Complete Anatomy **chosen as #1** product in its field across a range of key criteria, including content, features, teaching tools and usability.

无论在内容，功能，教学编辑工具和使用介面等各个重要标准中，Complete Anatomy 都评选为第一



1



**JMLA**  
Journal of the  
Medical Library Association

2020 Journal of the Medical Library Association (JMLA)<sup>1</sup> 医学图书馆协会杂志：

- January: 相对其他产品, *Complete Anatomy* 无论在产品广度或深度上, 特别是**人体模型中细节**, 都做得更加出色。其他产品也无法提供内容共享功能, 解剖和编辑工具也少之又少。

“In this reviewer’s opinion, *Complete Anatomy* has a **wider depth and breadth** of offerings than other anatomy platforms currently available (e.g., *Primal Pictures*, *Visible Body*) as well as more detail in its models. Other anatomy apps do not offer the ability to share content and have fewer tools with which to dissect and label models”.

- April: “针对两款最常用的3D解剖应用软件进行比较, *3D4Medical Complete Anatomy* 提供强大健全的内容和资源, 能有效地将**线下解剖实验室课程转移到线上教学平台**

“Based on our comparison of the two most-used 3D digital anatomy apps, we have found the *3D4Medical Complete Anatomy* app to be a robust resource that is capable of supporting transition of a cadaver lab curriculum to online instructional platform”.<sup>2</sup>



# Institutional License

300 UNIVERSITIES WORLDWIDE



# Institutional License



学生版



教师版

WORKING WITH OVER  
300 UNIVERSITIES WORLDWIDE

# Basic Features 基本功能



学生版



3D Atlas & Microanatomy Models



Cross-Sections



Educational Videos (1,500+)



Online Courses (150+ hours)



Radiology Images



教师版



# Advanced Features 高阶教学功能



学生版



Create Lectures / Courses  
创建课程



Presentation Mode 演示模式



Export Image 图像输出



Sharing Content via **Deep Links**  
内容链接分享



Student Assessment Dashboard  
学生评估管理平台



教师版



# Advanced Features 高阶教学功能



Create Lectures / Courses  
课程编辑



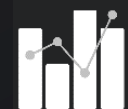
Presentation Mode 汇报模式



Export Image 图像输出



Sharing Content via **Deep Links**  
内容链接分享



Student Assessment Dashboard  
学生评估管理平台



教师版



学生版



# How does Complete Anatomy helps Educator? CA如何帮助教学工作?



**MATERIAL  
PREPARATION**  
教材准备



**IN CLASS  
ACTIVITIES**  
课堂教学



**POST-CLASS  
ASSIGNMENTS**  
课后作业



MATERIAL  
PREPARATION  
教材准备



Lecture Builder  
讲义编辑





MATERIAL  
PREPARATION  
教材准备



Content Library  
预设资料库

Library

GO TO CURRICULUM MANAGER COURSES ATLAS MODELS VIDEOS RADIOLOGY

SORT FILTER

3181 items found in ALL GROUPS Screens

<p>★ 3.8</p> <p>01.01a- Full Skeleton (Anterior)</p>	<p>★ 0.0</p> <p>01.01b- Axial Skeleton (Anterior)</p>	<p>★</p> <p>01.01c- Axial Skeleton (Posterior)</p>	<p>★</p> <p>01.01d- Axial Skeleton (Lateral)</p>	<p>★ 0.0</p> <p>01.01e- Appendicular Skeleton (Anterior)</p>
<p>★ 5.0</p> <p>01.02- Review of Types of Cartilage</p>	<p>★ 0.0</p> <p>01.02- Review of Anatomical Planes</p>	<p>★</p> <p>01.02- Review of Anatomical Planes</p>	<p>★</p> <p>01.02- Review of Anatomy of the Skin</p>	<p>★ 0.0</p> <p>01.02- Review of Arteries</p>
<p>★ 0.0</p> <p>01.02- Review of Arteries</p>	<p>★</p> <p>01.02- Review of Arteries</p>	<p>★ 0.0</p> <p>01.02- Review of Arteries</p>	<p>★ 0.0</p> <p>01.02- Review of Arteries</p>	<p>★ 0.0</p> <p>01.02- Review of Arteries</p>



MATERIAL  
PREPARATION  
教材准备



Deeplinks  
连结分享

Export Image  
图像输出

### Middle Meningeal Artery

The largest vessel supplying blood to the dura is the **middle meningeal artery**, which is a branch of the **maxillary artery** (branch of **external carotid artery**). It enters the middle cranial fossa of the cranial cavity through the **foramen spinosum**. The vessel then courses laterally within the dura and then turns in a **supero-anterior** direction to pass along the greater wing of the sphenoid bone at the **pteryon** (Figures 1 and 2).

Strong blows to the side of the head can easily fracture the thin bone overlying the middle meningeal arteries (in the region of pterion). In such fractures, the **middle meningeal artery** may be torn, resulting in arterial blood being actively pumped into the **epidural space** and resulting in an **epidural (extradural) hematoma** (Figure 3).

Figure 1

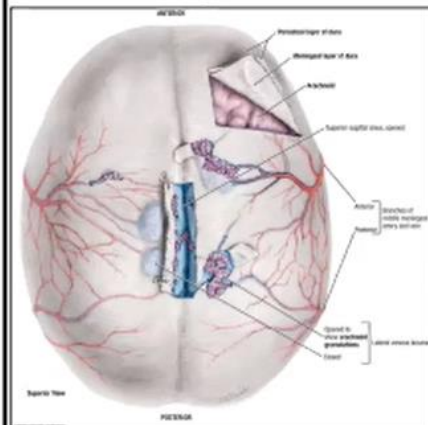


Figure 2

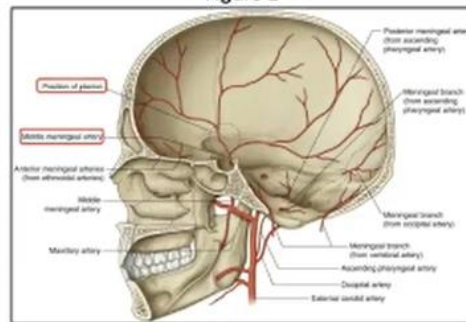
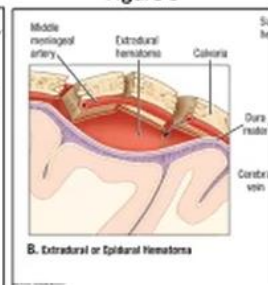


Figure 3



<https://3d4medical.ai/4OSZpRh5>

Example Slide from PPT Handout *before* CA



MATERIAL  
PREPARATION  
教材准备



Group / Share  
群组管理 / 分享

Library

COURSES CONTENT MODELS VIDEOS

SORT FILTER

43 Items found in 3D4MEDICAL, Back Screens

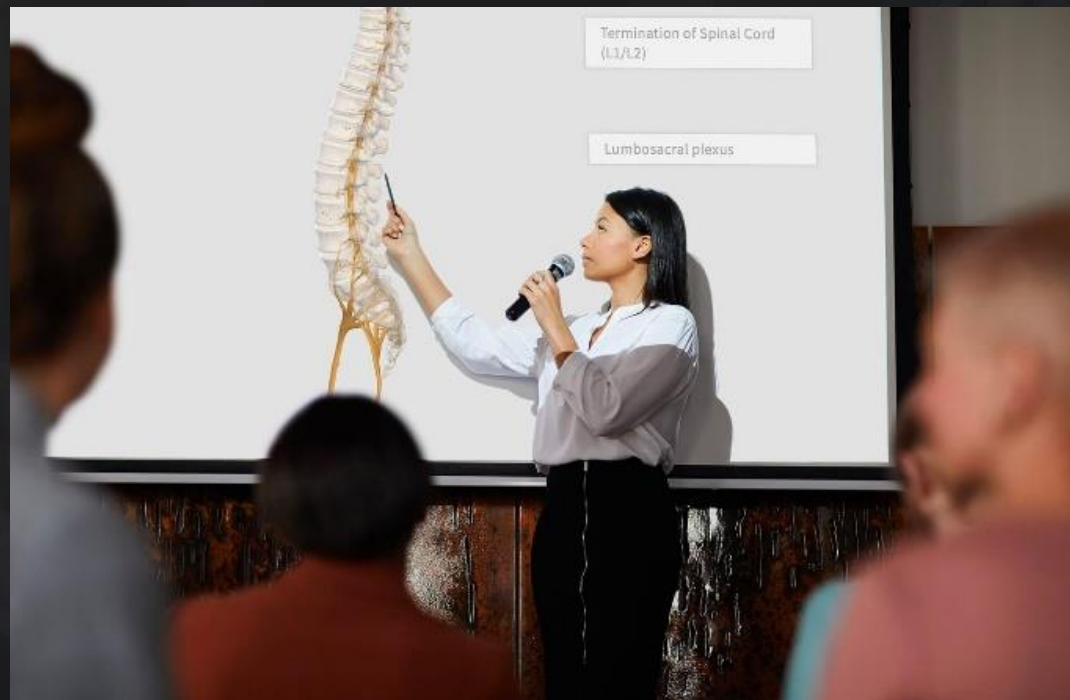
- 34 - Intervertebral Foramen
- 35 - Extrinsic Back ... - Superficial Group
- 36 - Extrinsic Back ... - Intermediate Group
- 37 - Intrinsic Back ... - Superficial Group
- 38 - Intrinsic Back ... - Intermediate Group
- 39 - Intrinsic Back Muscles - Deep Group
- 40 - Suboccipital Muscles
- 41 - Spinal Nerves - Cervical Nerves
- 42 - Spinal Nerves - Thoracic Nerves
- 43 - Spinal Nerves - Lumbar Nerves
- 44 - Spinal Nerves - ... and Coccygeal Nerves



IN CLASS  
ACTIVITIES  
课堂教学



Presentation  
Mode  
演示模式

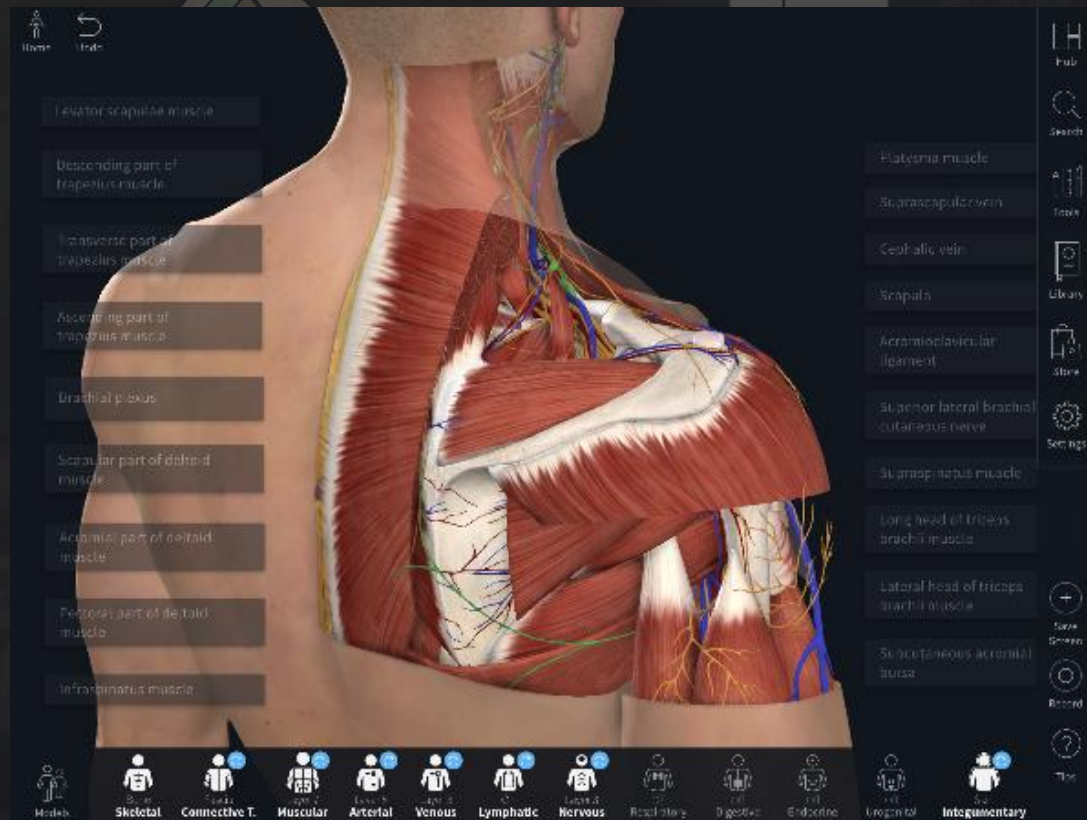




IN CLASS  
ACTIVITIES  
课堂教学



Dissection Tools  
解剖编辑工具







IN CLASS  
ACTIVITIES  
课堂教学



AR  
增强现实



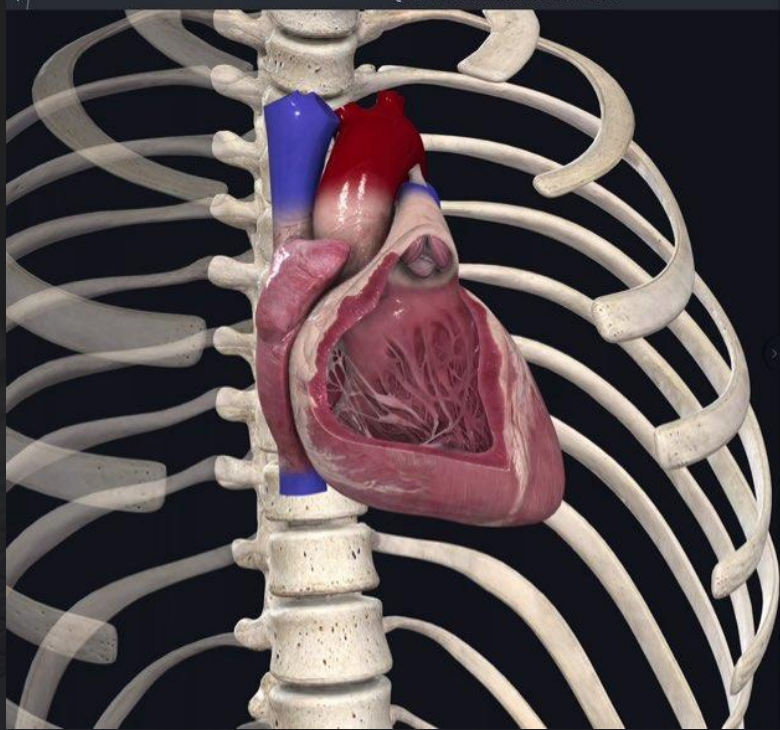


POST-CLASS  
ASSIGNMENTS  
课后作业



Quizzes  
随堂测验

Quiz Mode: 03 Cardiac and Smooth Muscle



Question ✕ EXIT

00:57 1 of 4 Score: 0

Select the correct answers & press Submit.

The image provided shows a dissected heart, which one of the following heart structures is composed of cardiac muscle?

- Myocardium
- Endocardium
- Pericardium
- Epicardium
- None of the above

SKIP SUBMIT



POST-CLASS  
ASSIGNMENTS  
课后作业



Assignment /  
Screen Creation  
分配作业

Save New Screen

TITLE:  
Lumbar Herniated Disc

DESCRIPTION:

SCREEN LOCATION:  
MY SCREENS

ATTACH TO:  
Full Body Head Neck  
Upper Limb Thorax Abdomen  
Pelvis And Perineum **Back** ✓  
Lower Limb

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Privacy Policy

SAVE



POST-CLASS  
ASSIGNMENTS  
课后作业



Dashboard  
学生进度管理

