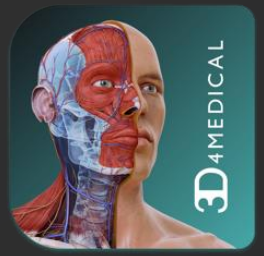
ELSEVIER

Complete Anatomy

3D人体解剖教学软件
(教师版)

3D4MEDICAL from ELSEVIER

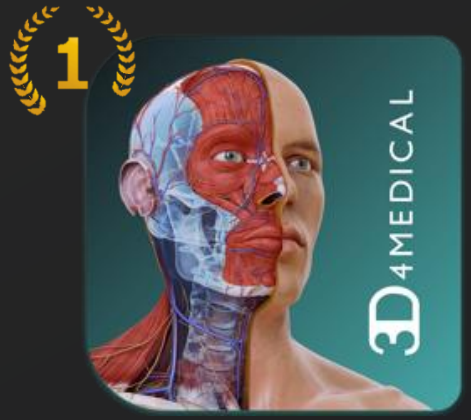


Complete **Anatomy**

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



AMERICAN ASSOCIATION FOR ANATOMY

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 Lowa, Carver College of Medicine.[3]
- 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*

JMLA
Journal of the Medical Library Association

2020 Journal of the Medical Library Association (JMLA)[1] 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". [2]

Institutional License

300 UNIVERSITIES WORLDWIDE

Institutional License

学生版

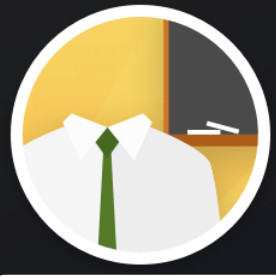
教师版

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

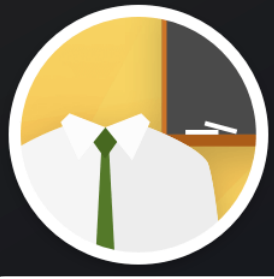


教师版

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

学生版

教师版

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

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

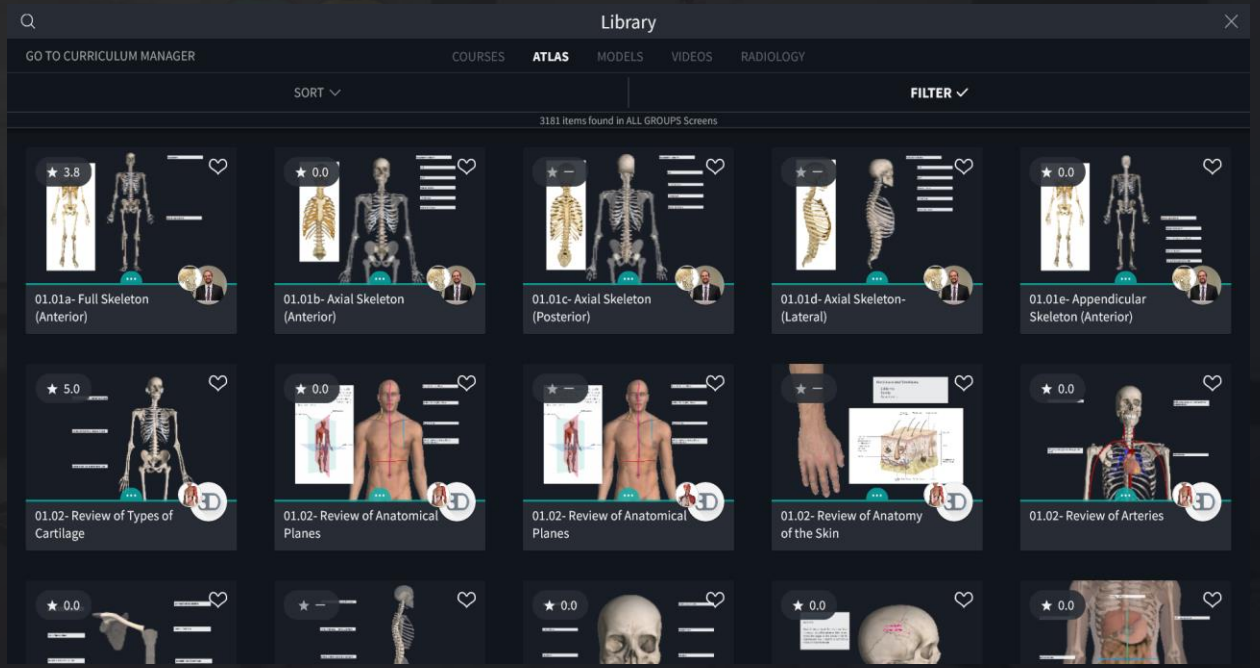
POST-CLASS ASSIGNMENTS
课后作业

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



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 the greater wing of the sphenoid bone at the **pterion** (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

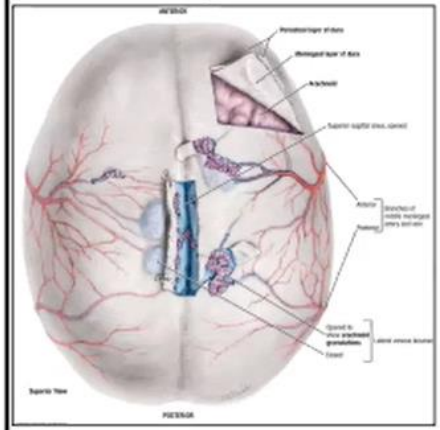


Figure 2

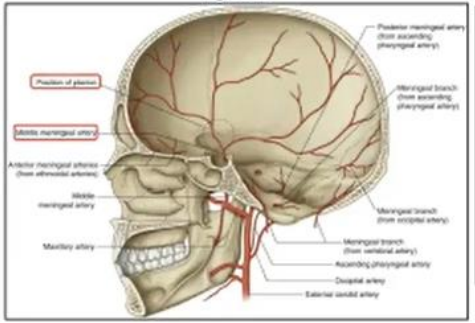
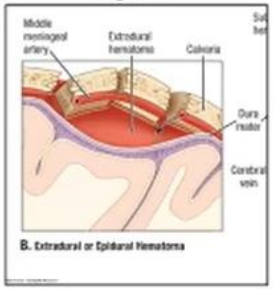


Figure 3

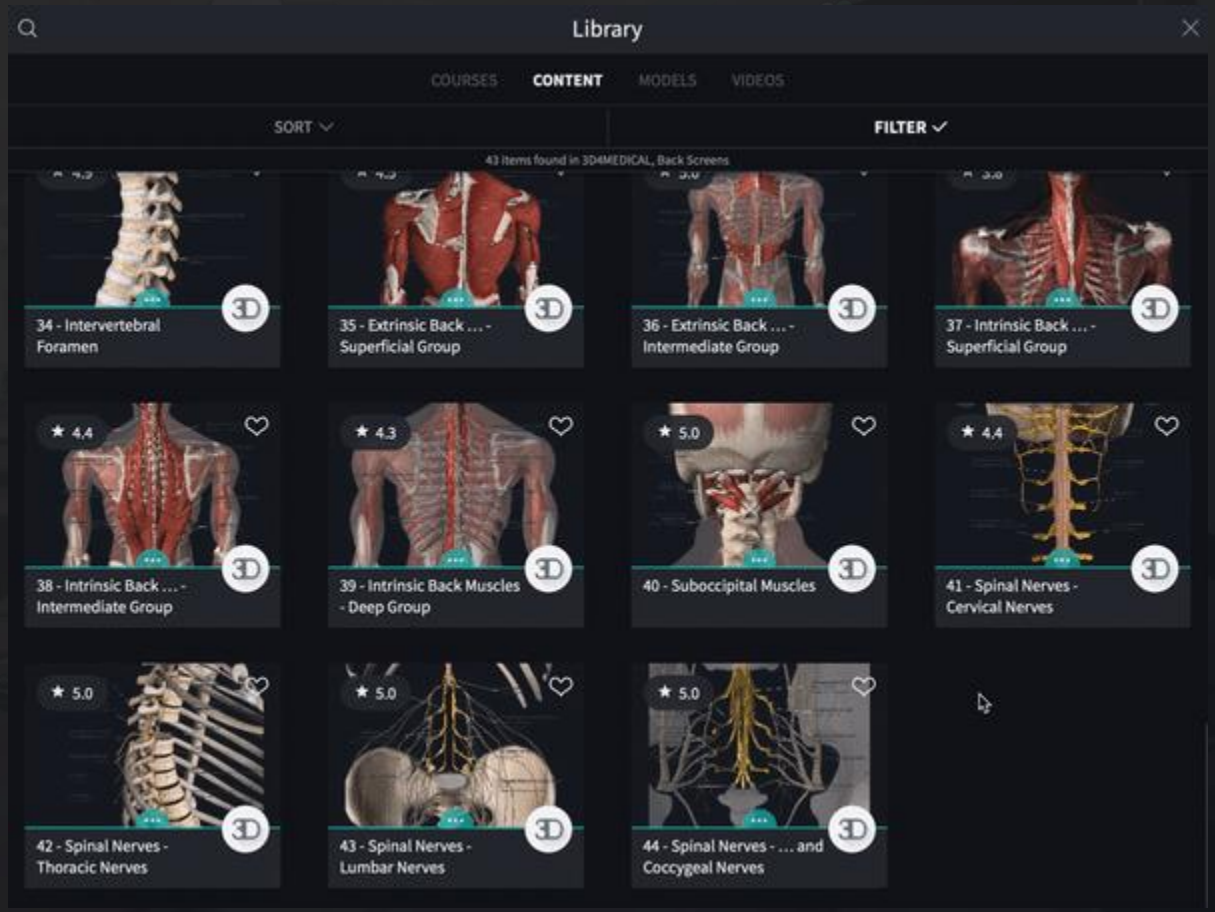


https://3d4medic.al/4OSZpRh5

Example Slide from PPT Handout *before* CA

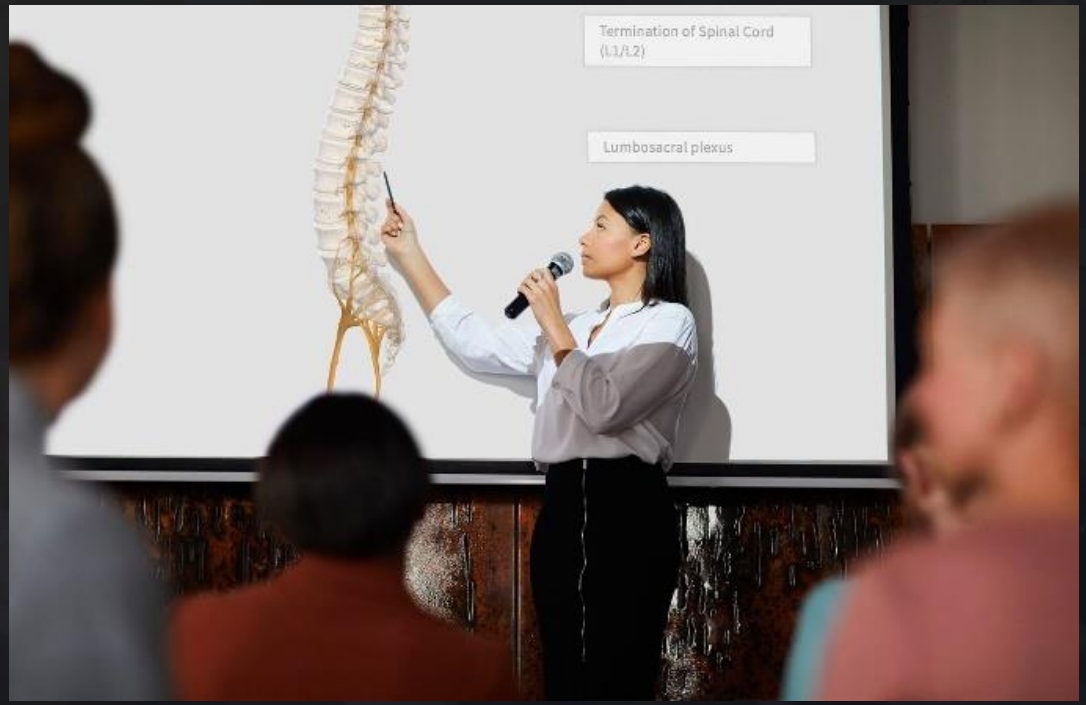
MATERIAL PREPARATION
教材准备

Group / Share
群组管理 /分享



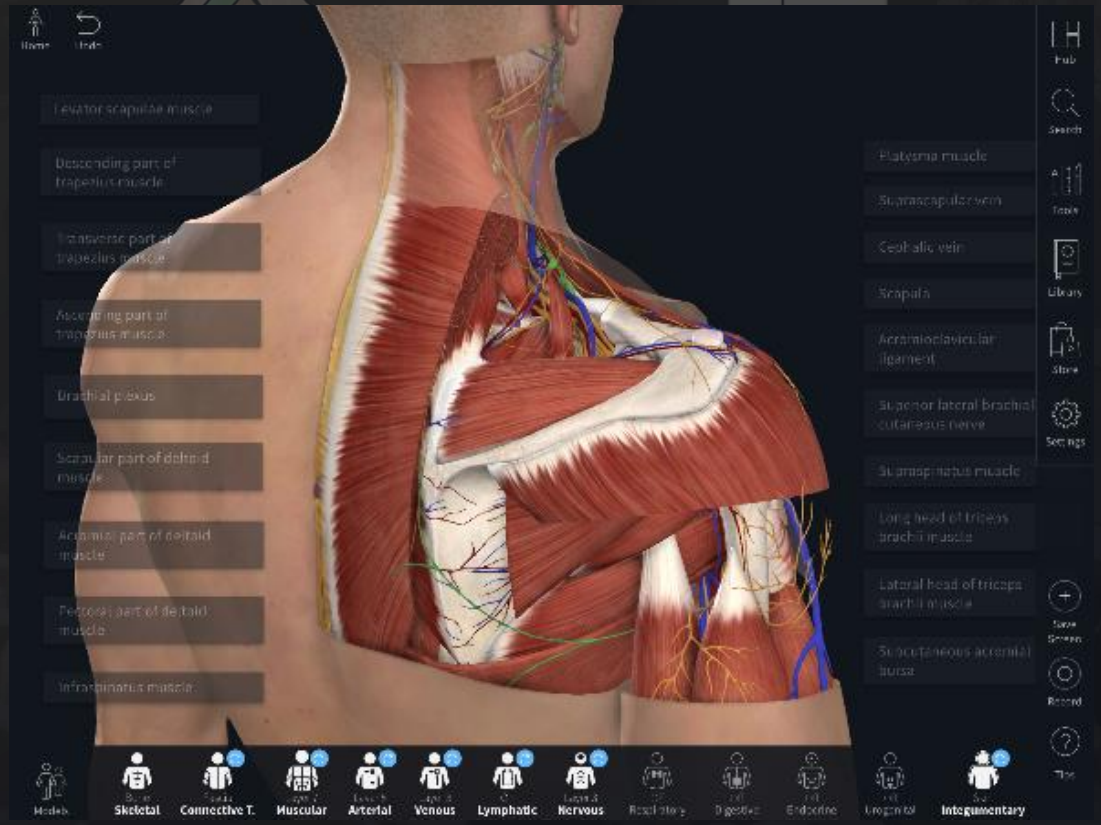
IN CLASS ACTIVITIES
课堂教学

Presentation Mode
演示模式



IN CLASS ACTIVITIES
课堂教学

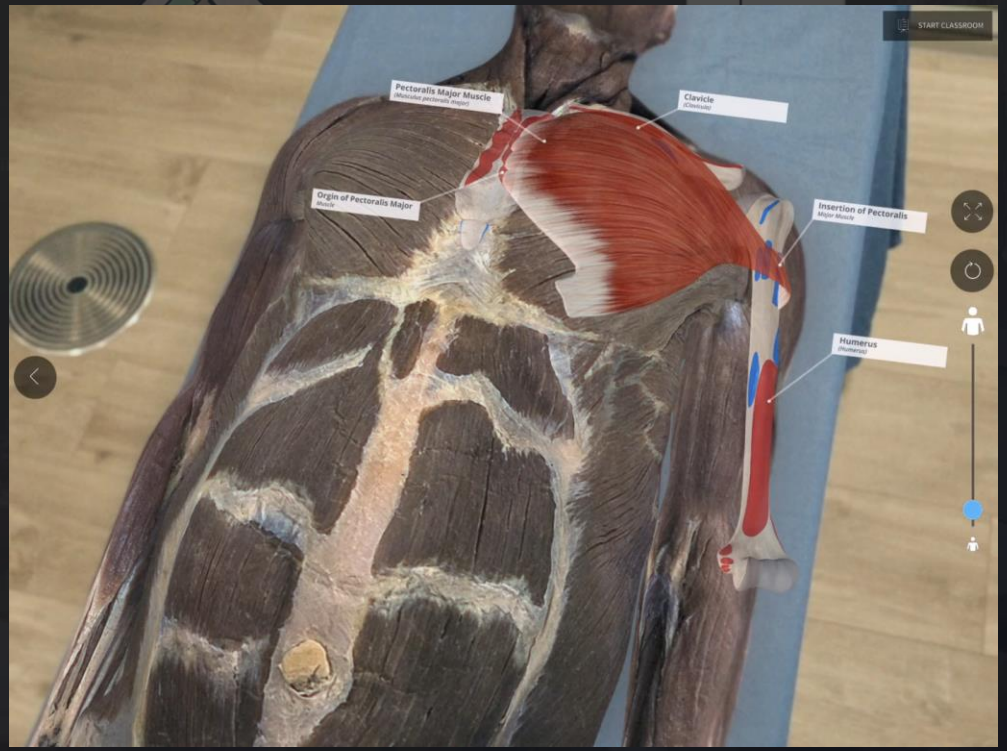
Dissection Tools
解剖编辑工具



3D4MEDICAL from ELSEVIER

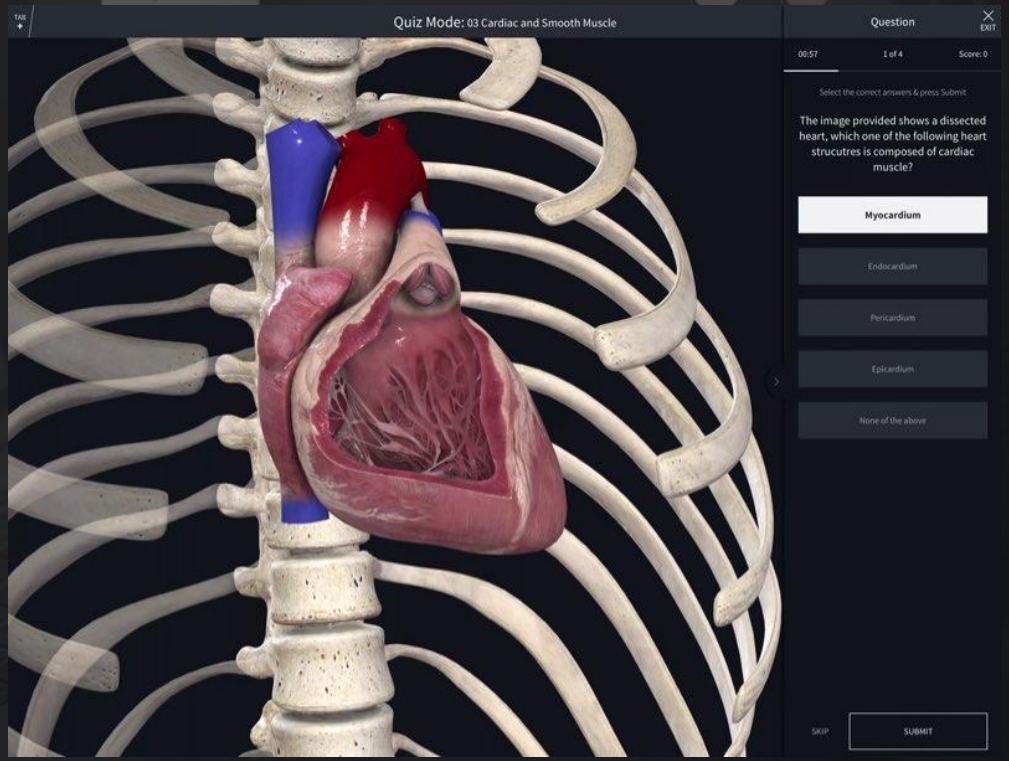
IN CLASS ACTIVITIES
课堂教学

AR
增强现实



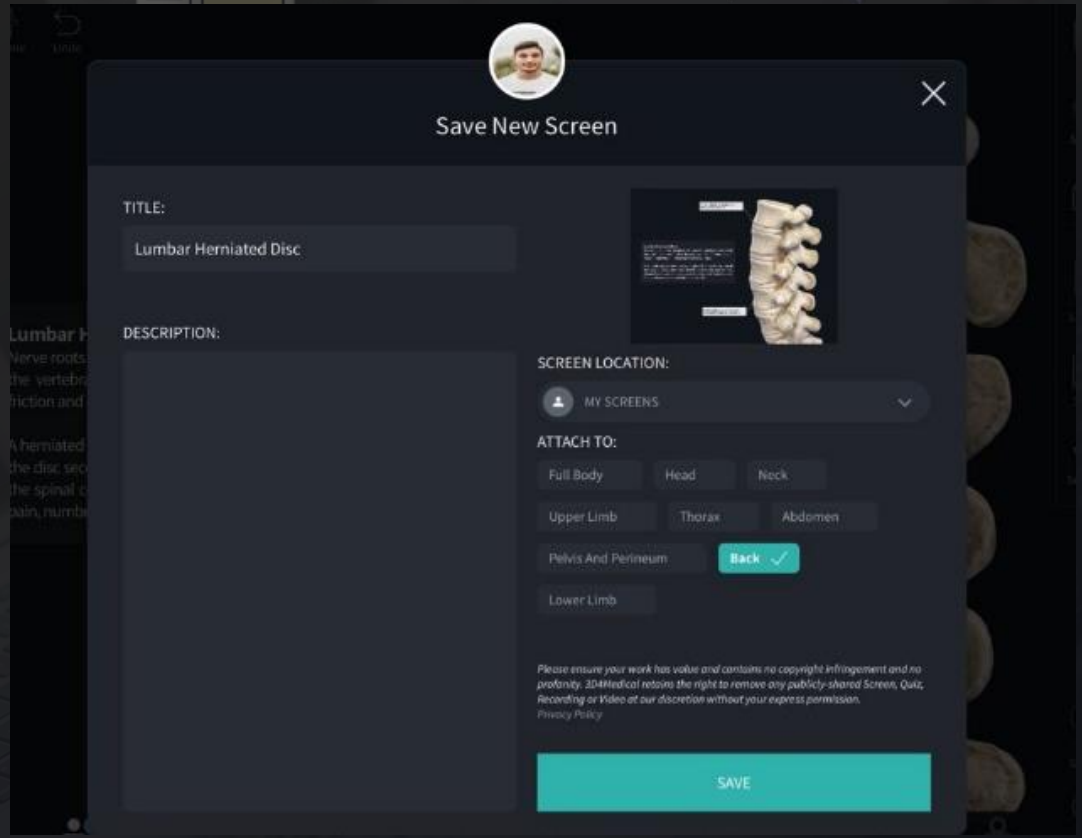
POST-CLASS ASSIGNMENTS
课后作业

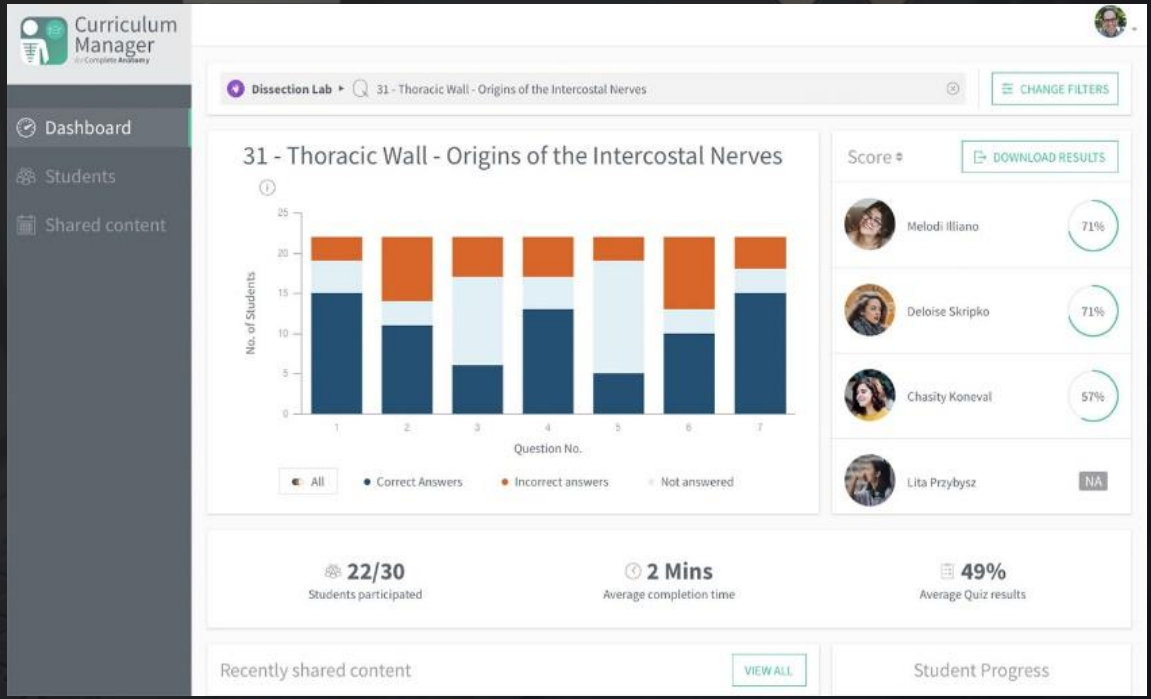
Quizzes
随堂测验



POST-CLASS ASSIGNMENTS
课后作业

Assignment / Screen Creation
分配作业



POST-CLASS ASSIGNMENTS
课后作业

Dashboard
学生进度管理