

ClinicalKey® Student

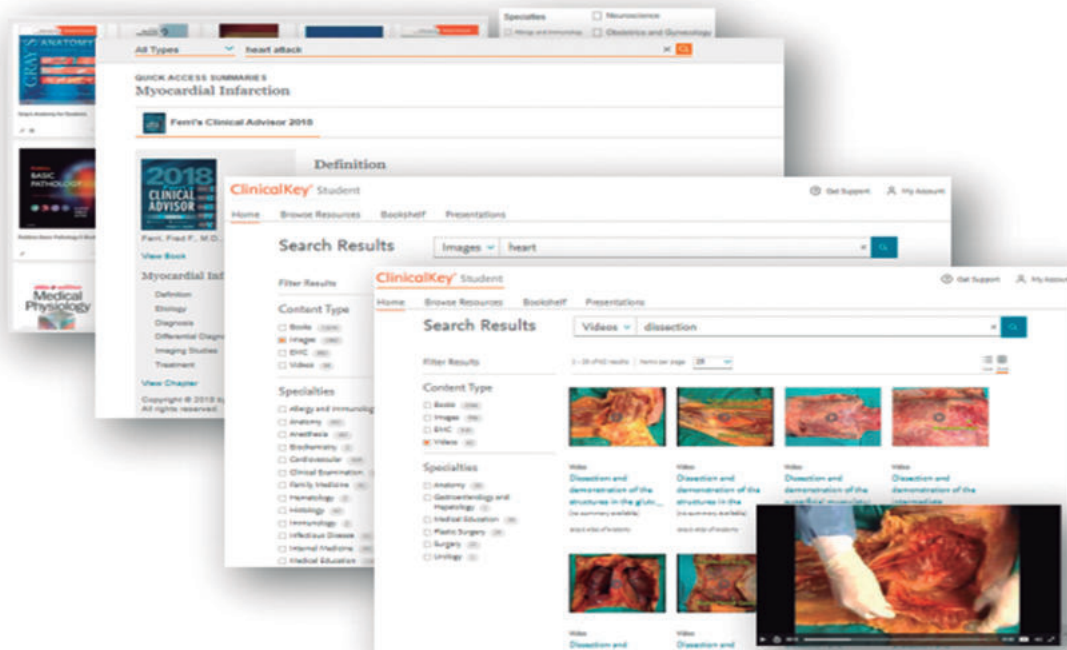
ClinicalKey Student is an interactive education platform that supports students and faculty by enhancing the learning experience with tools tailored to develop and assess the medical/nursing knowledge of aspiring professionals.

The Foundation Capability for Medical Students

Help medical students to learn smarter, with access to hundreds of acclaimed textbooks, powerful study tools and a library of video resources.

Access to most complete and trusted medical content

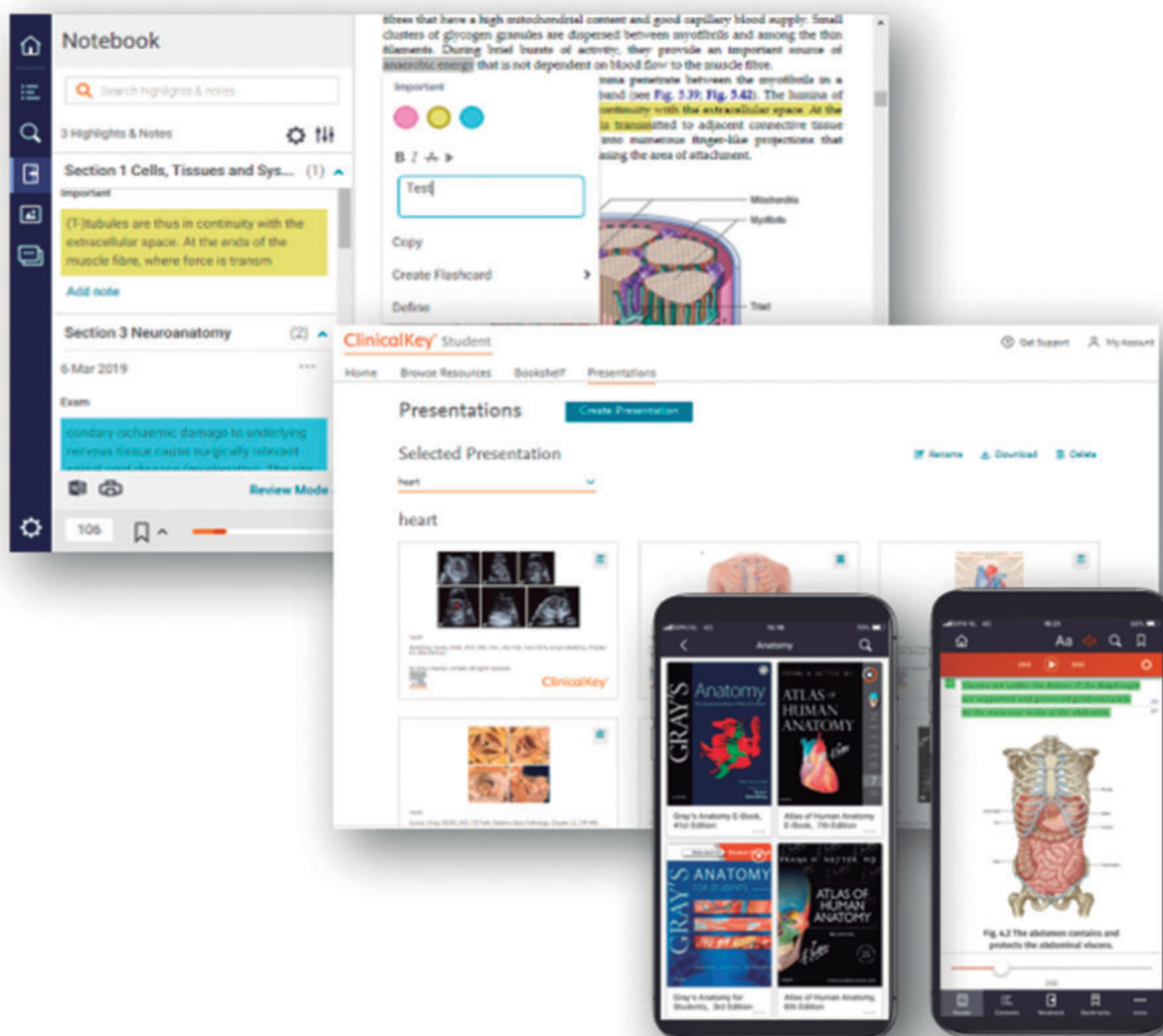
- 240+ acclaimed textbooks covering 50 medical specialties, including Gray's Anatomy for Students and Medical Physiology
- 1,500+ quick access summaries of common diseases and topics.
- Access to 150,000 high resolution images, unlocked and discoverable for visual learning.
- Copyright cleared images
- Access to 850+ videos ranging from practical demonstrations of anatomical dissections to instructional clinical examination examples.



ClinicalKey® Student

Turning information into knowledge

- Personalized Bookshelf.
- Flashcard tool.
- Note-taking (with OneNote integration) and highlighting.
- Share notes and learning with students around the globe.
- Save Faculty and student time: Presentation maker tool.
- Enhance lectures using copyright cleared images.
- Study anywhere, anytime using the App (online & offline)
- Text to Speech to learn on the go.



ClinicalKey® Student

The Assessment Capability

Support students and faculty by enhancing the teaching and learning experience with tools tailored to develop and assess the medical knowledge of aspiring professionals.

Improve learning outcomes of students

- Students can self-assess at their own pace.
- Get personal feedback, benchmark themselves with their peers.
- Customise their tests to focus on their weaknesses.
- Weak topics matched to additional learning resources (links to Foundation capabilities).

The screenshot displays the ClinicalKey Student interface. At the top, a question is presented: "A 55-year-old man presents with a lump in his groin for 3 months which has been causing him some discomfort. On examination, when reducing the lump and pressing on the area of the deep inguinal ring, the lump reappears. What is the likely diagnosis?" To the right, a "Key Topics" section lists "Keytn1" and "Keytn2", with a "50%" indicator representing the percentage of students who got the question right.

The main interface shows the "ClinicalKey Student" header with navigation options: Home, Assignments, Performance (selected), Browse Resources, Bookshelf, and Presentations. Below this, a "Musculoskeletal system" section indicates "2 of 111 questions answered".

A performance summary for "Mar 07, 2019 at 01:55 pm" shows a "Score" of 33% (2/6 questions correct) and a "Total Time" of 33 sec. (6 sec. per question). Below this, a section titled "Focus your revision on 5 key topics" lists the following topics for review:

1. Branch Of Abdominal Aorta (1 question)
2. Conus Medullaris (anatomy) (1 question)
3. Keytn1 (1 question)
4. Keytn2 (1 question)
5. Structure Of Mandibular Nerve (1 question)

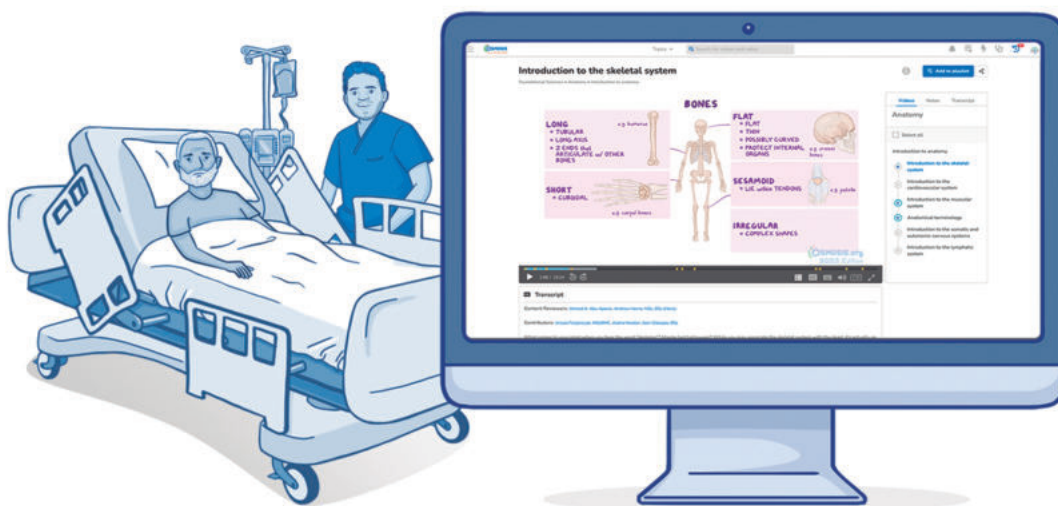
On the right side of this section, there is a "Retake Incorrect Questions" button with options for "Now", "In 1 week", and "In 1 month".



What is ?

from **ELSEVIER**

Osmosis health education platform that empowers millions of clinicians and caregivers with the best learning experience possible. Designed for curricular support, formative assessment, and high-stakes exam preparation, Osmosis.org consolidates a library of over 1,700+ videos covering pathology, physiology, pharmacology, and clinical reasoning with over 2,700+ questions, 15,000+ flashcards, and 1,200+ high yield notes into a single learning environment. Osmosis has an engaged audience of more than 5 million active learners made up of current and future health professionals, as well as a YouTube channel with over 2.6 million learners worldwide.



Why ?

from ELSEVIER

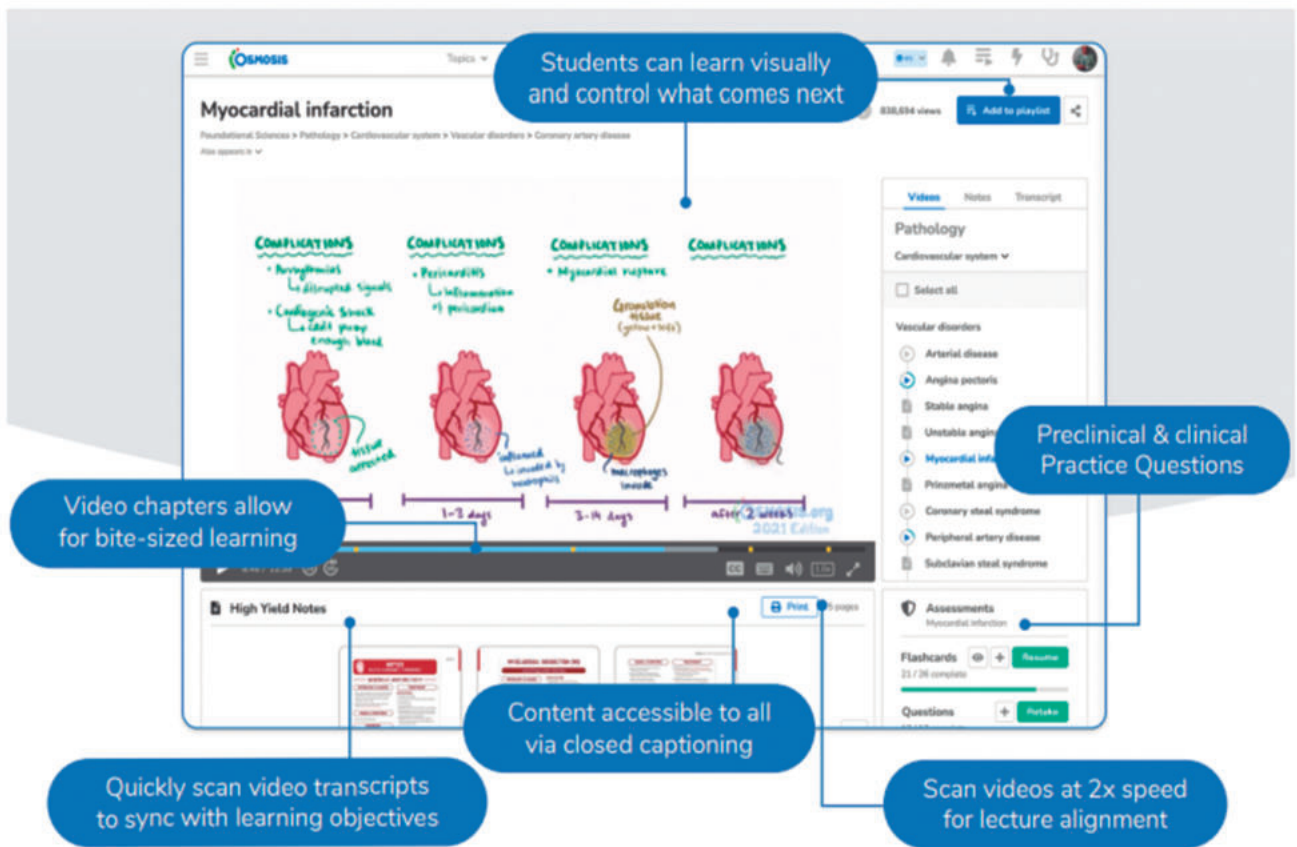
- Provide students with foundational content via mobile and web-applications
- Enable faculty to flip their classrooms, move to asynchronous teaching, and otherwise supplement their teaching
- Help faculty and students from any program employ optimal teaching and learning methods, including competency based-instruction, memory-palaces, content-chunking, asynchronous study, test-enhanced instruction, etc. See related learning science.

Osmosis videos are popular with students because they clarify what students cover in class, while providing an engaging, efficient, and approachable learning experience. Our platform uses learning science, including content-chunking and multimedia design, to present complex material so that it's easier to absorb. And we help students retain what they learn through formative self-assessment (self-quizzing). For new and struggling learners, our How to Succeed videos walk students through learning science so they can build healthy habits throughout their careers.



How can help from ELSEVIER

Support Teaching and Learning?



The screenshot shows the Osmosis interface for a video titled "Myocardial infarction". The video content displays four stages of heart complications with handwritten notes: 1. Arrhythmias (disrupted signals, Cardiac Shock - cell pump enough blood), 2. Pericarditis (inflammation of pericardium), 3. Myocardial rupture (Extrusion blood (grooves)), and 4. Myocardial rupture. A timeline below the video indicates "1-3 days", "3-14 days", and "after 2 weeks".

Callout boxes highlight the following features:

- Students can learn visually and control what comes next
- Preclinical & clinical Practice Questions
- Video chapters allow for bite-sized learning
- Content accessible to all via closed captioning
- Quickly scan video transcripts to sync with learning objectives
- Scan videos at 2x speed for lecture alignment

Osmosis is used throughout the world in a variety of programs to supplement teaching and learning.





Institutional Partnership Program

All students and faculty receive full access to the Osmosis Platform, which includes:

- More than 1,700 videos including:
 - Comprehensive coverage of anatomy, pathology, physiology, and pharmacology
 - Clinical Practice and Clinical Rotation videos for internal medicine, family medicine, neurology, psychiatry, pediatrics, obstetrics and gynecology, general surgery, emergency medicine, and dermatology, as well as coverage for biostats and epidemiology.
 - Clinical Skills and Interpersonal and communication skills
 - Functionality for faculty to curate, share and assign video playlists with students
- 2,700+ vignette-style questions, featuring detailed explanations and hyperlinks to additional relevant content
- 15,000+ basic sciences flashcards powered by spaced repetition
- 1,200+ High-Yield Notes for pathology and physiology, and High-Yield Pathology videos
- Learning science video series including specific videos on retention techniques
- How to Learn in the Health Professions online course
- Mobile app for iOS and Android
- Student Customer Support



Complete **Anatomy**

from **ELSEVIER**

Curriculum Manager

1. Courses

Curriculum manager offers a set of ready-made interactive educational Courses by top anatomical experts, ready to share immediately with your students. The learning assets cover subjects within anatomy, physiology and ultrasound, with many others coming soon.

2. Content Tools

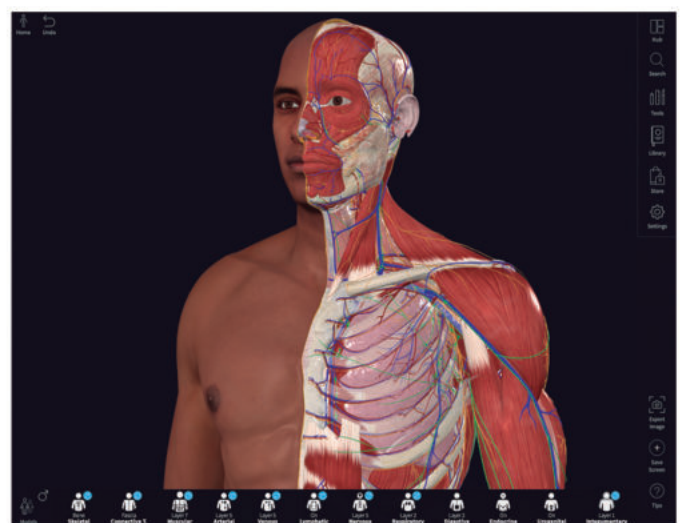
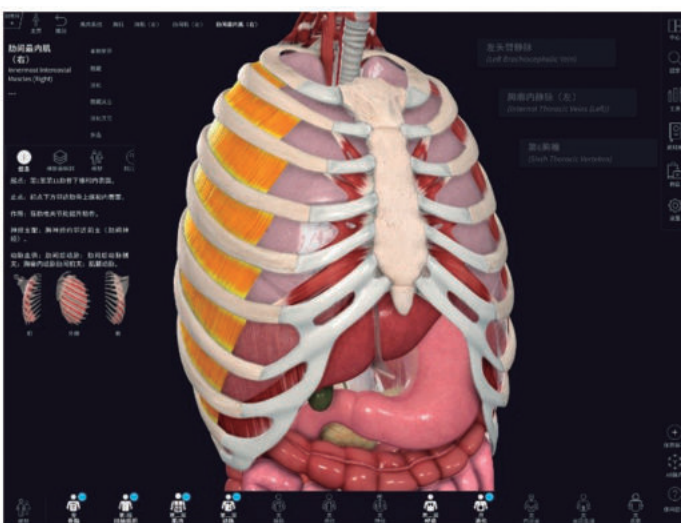
Want more customization? Curriculum manager includes a range of content Tools, where you can customize or create content for your own curriculum, using our unique toolset and a comprehensive library of screens, images, quizzes and anatomical resources. Simply drag and drop from the high-quality, premade assets to assemble your own Lectures in as little as three minutes.

3. Group Manager

Curriculum manager allows you to manage your students' access to content with Group Manager, subdividing class groups and allocating access as appropriate.

4. Assessment Dashboard

Dashboard; reporting on how students perform on your quizzes and tracking student engagement with your content.



Complete **Anatomy**

from ELSEVIER

We are delighted to outline in this proposal how the Complete Anatomy platform can help to Transform Medical Learning in your institution.

- The most accurate and complete human anatomy models, with over 17,000 interactive structures.
- A living, beating, dissectible 3D human heart.
- Over 1,500 clinical video animations on Cardiology, Orthopaedics, Ophthalmology, Dentistry and Fitness.
- Real time Muscle Movement, Insertion & Origin Mapping, Bony Surface & Landmark Mapping, 12 layered systems, Nerve Tracer and Blood Supply Tracer.
- 15 detailed Microanatomy Models.
- Creative tools including AR mode, virtual dissection, cross-sections, 3D pen, fracture, pain and growth simulation.
- Model customization with custom labels, pen tool and image import.
- Over 100 hours of Lectures, delivered by leading experts in Human Anatomy, Point of Care Ultrasound, Cadaveric Imagery, Clinical Correlates and more.
- Educator tools with Drag & Drop Curriculum, lecture recording & student dashboard.

