

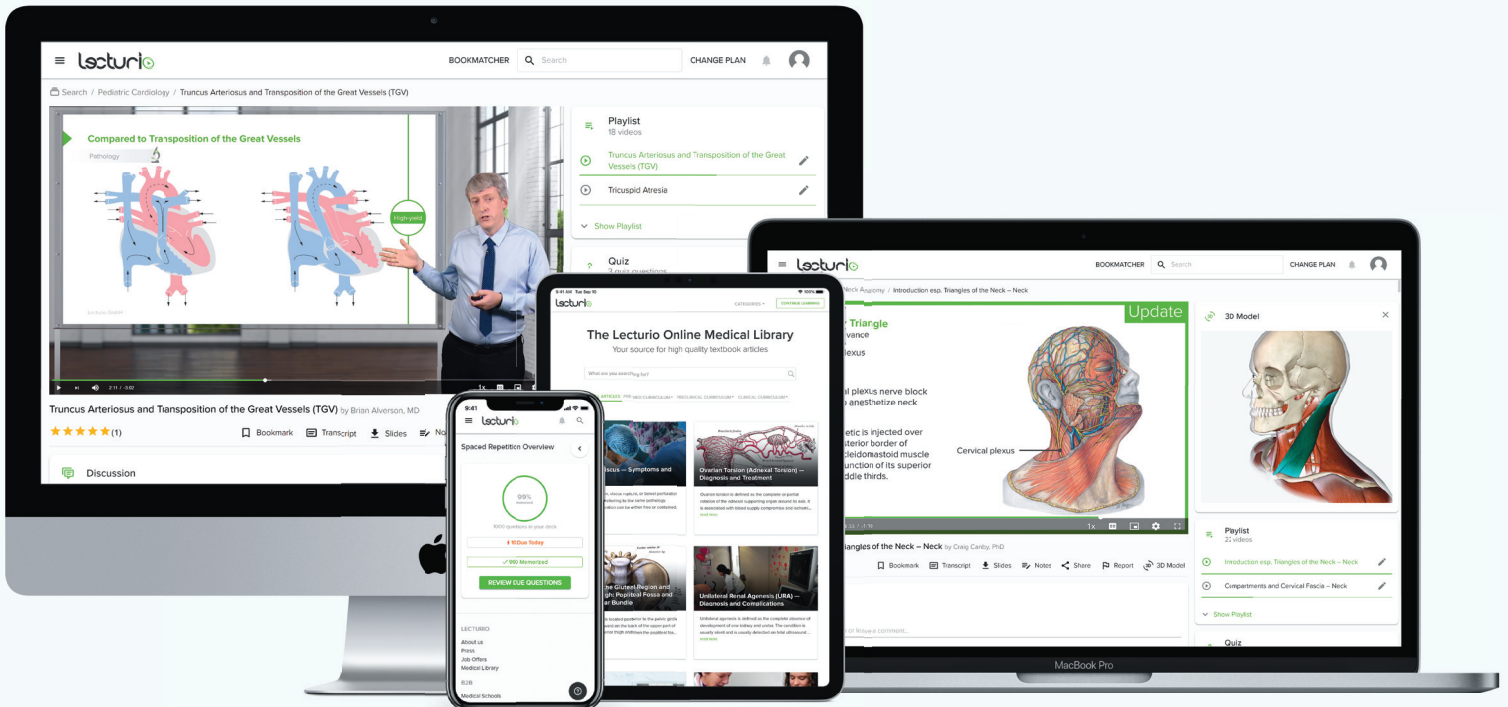


<https://www.lecturio.com/medical-institutions/>

Lecturio Medical Brochure

Own Your Students' Learning Experience

With Lecturio's All-in-One Teaching Engine



www.lecturio.com

Lecturio 

“Using Lecturio as a resource for pre-lecture preparation in our flipped classroom approach to teaching and learning has enhanced student and faculty engagement in the curriculum at the California University of Science and Medicine. Whether we are inside or outside of class, or using our cellphones, we are able to harness the advantage of having strong integration of professionally recorded material, high-quality questions and a highly effective user and presentation interface.”



Rajuno Ettarh, MD PhD FRSM FAS
Associate Dean of Pre-Clerkship
Curriculum & Assessment
Professor of Anatomy & Medical Education
California University of Science and Medicine



Lecturio: The Future of Medical Education

Constant advances in medicine are producing exponential increases in the amount of science that must be learned for a complete medical education. This has created unprecedented challenges for medical students, who must process and master this information in order to practice at the highest levels. Fortunately, new technology and understanding of the learning processes provide solutions to these challenges. Lecturio has brought together modern technologies to facilitate the delivery of medical education in ways never before envisioned.

Many of today's medical students have already concluded that the most efficient way to study is to use a combination of recorded video lectures and online resources, leading to historically low attendance rates in medical school lecture halls. When students use outside resources as study aids, they run the risk of being excessively focused on exam prep rather than having a good understanding of the many concepts good physicians must master during their training. Furthermore, they can become disconnected from the very institution tasked with assuring their proper education.

New resources and learning technologies do not need to undermine the role of teachers. By giving educators access to advanced content, tools and performance data, they are able to enhance and improve their teaching while creating greater flexibility and freedom. Teachers no longer simply transmit information and knowledge in lengthy monologues, but rather leverage continuous

tracking and assessment data to tailor their teaching to identified weak areas and tackle those directly with their students in more interactive, personalized ways.

As outlined in this brochure, Lecturio provides the most comprehensive content base and the most advanced unified technology platform, including assignments, tracking, assessment, immediate data analysis, video hosting and authoring. It offers the necessary digital support layer for modern teaching approaches, such as flipped classroom teaching, problem- and case-based learning, active learning and simulation, as well as mastery-directed advancement. Using Lecturio can save institutions extensive cost and effort, enabling them to add their own content to match their curricula, teaching styles, facilities, faculty and student bodies.

Lecturio is committed to providing highly efficient and cost-effective tools for medical education to all those who could benefit from them. It sees the development of these tools as a team effort and invites your institution, faculty and students to join us in this quest! In addition to the tools described herein, many more are in development and we encourage our partners to work closely with us to ensure that high-quality medical education is available everywhere it is needed. We hope you too will join the Lecturio community!



Peter Horneffer, M.D.
Director of Medical
Education Programs at
Lecturio Inc.

A handwritten signature in black ink that reads "Peter Horneffer" with a stylized flourish at the end.



Stefan Wisbauer
CEO of Lecturio Inc.

A handwritten signature in black ink that reads "Stefan Wisbauer" in a cursive style.

Curriculum Enhancement

Lecturio's content covers the complete pre-medical and medical curricula and is intended to supplement and enhance your teaching. Founded on validated learning science, it is designed to maximize recall and conceptual clarity. Lecturio's faculty includes professors who teach at top global medical schools, such as Brown, Harvard, Johns Hopkins and Yale.

6,500+
video lectures

3–9 minutes long,
in TV-quality

19,000+
recall questions

delivered using a
spaced repetition
algorithm

4,000+
exam questions

in board-style
format, answered
via an exam-like
interface

1,300+
textbook articles

organized in a
comprehensive
medical library

Integrated Clinical Case Simulations with Virtual Patients

Lecturio supports the effective practice of clinical reasoning and decision-making skills with over 60 realistic scenarios across various care settings and clinical specialities. Virtual patient scenarios, each with matching prep assignment bundles, provide real life complexity at your fingertips.

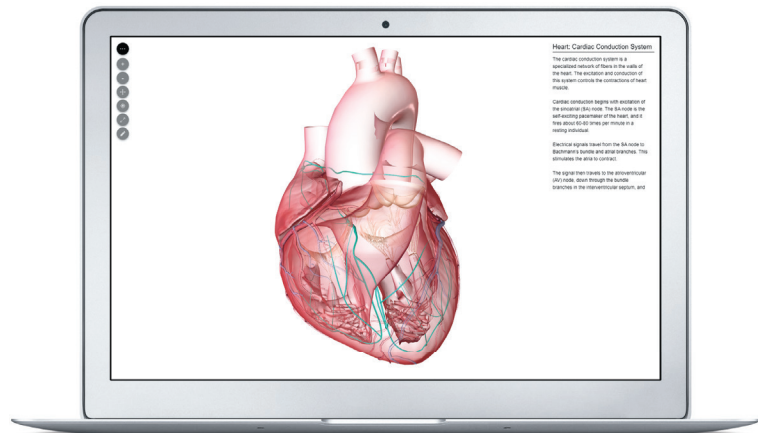
- Variety of virtual patients
- Range of difficulty levels
- Responsive real-life pressures



3D Anatomy Models

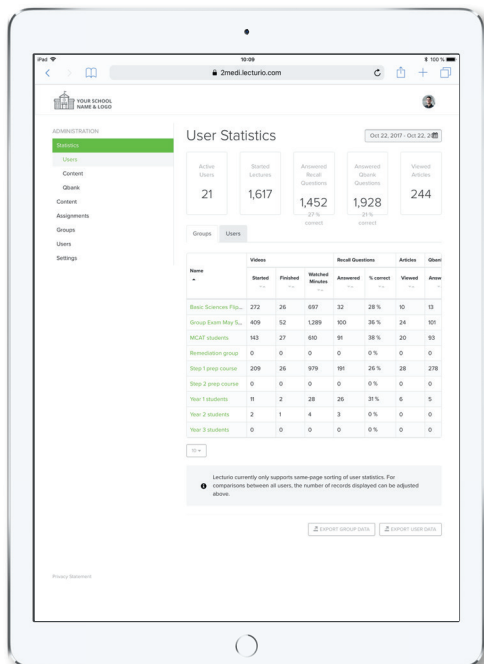
Lecturio's industry-leading anatomy video learning units are supported by over 400 preconfigured interactive high-definition anatomy models. These models work side-by-side with our videos to provide a truly immersive and interactive learning experience.

- Immersive learning experience allowing 3D model interaction alongside anatomy videos
- Label and highlight individual anatomical features, zoom, pan, dissect, x-ray mode and more



Advanced Technology

By watching videos and answering recall questions, your students automatically create a continual flow of activity and performance data. You are able to access this data directly, allowing you to quickly identify exactly where individual students or student groups are having difficulty.



Several functions support your ability to integrate Lecturio's powerful body of content into your teaching, thereby increasing the engagement and performance of your students, for example, on standardized tests, such as USMLE Step 1 & 2, COMLEX 1 & 2, MCAT, MBBS and other exams. Moreover, Lecturio is already in use in physician assistant and nursing schools.

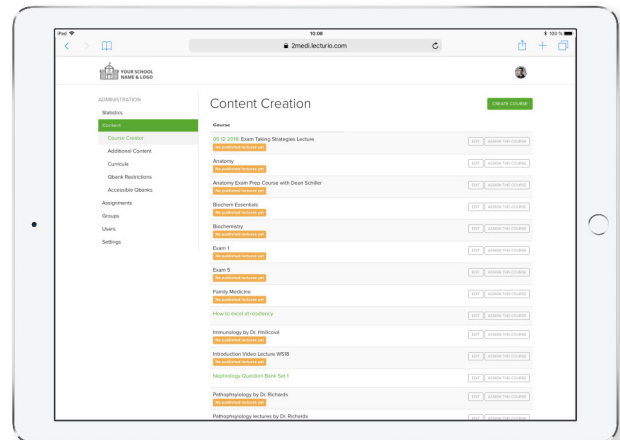
- Assign video lectures, recall or case questions, as well as textbook articles, before or after your lecture, PBL, CBL or active learning session—with or without a timeline
- Use recall & Qbank questions as an assessment tool
- Send manual or automated reminders to individuals or groups

By customizing assignments for individualized learning or remediation support, you can track and manage the performance of individual students or student groups.

White Label & Proprietary Content Integration

Lecturio can set up a customized online academy for your institution with the entire content and all features of Lecturio's main platform under your institution logo and colors. This white label option offers various ways to integrate proprietary content:

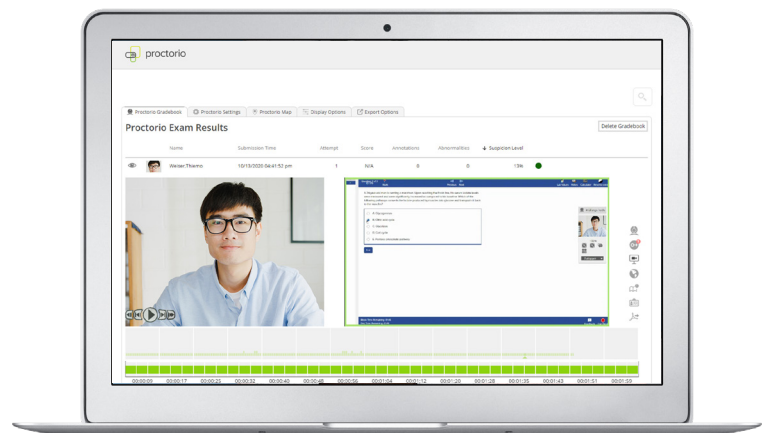
- Upload your own video lectures and teaching materials to the Lecturio Cloud
- Place recall questions within your video lectures and have them appear at specified times
- Compile and upload your own examination questions to supplement ours



Proctored Exam Environment

Lecturio's platform includes state-of-the-art remote proctoring tool integration to ensure learning integrity. Facial detection technology, ID verification, content protection, secure browsing, and computer lock down are some of the features which can be leveraged to provide faculty with peace of mind when administering exams, with custom controls and analytics providing detailed feedback.

- Validate test taker identities with facial detection and ID verification
- Lockdown security ensures exam integrity by preventing internet navigation, screen capture, printing & more
- Data is immediately available after every assessment, with modifiable evaluation parameters.



“You can memorize or you can understand. Concepts are forever yours. Memorized lists of facts are gone the very next time you need to cram for another test.”

Dale

3rd year medical student
Philadelphia College of Osteopathic
Medicine, USA

“I used Lecturio as supplementary material while studying for my pharmacology midterm. I scored the highest in my class, set the curve and ended up with a 100 %! Thank you!”

Ashley

2nd year medical student
University of Arkansas for Medical
Sciences, USA

“Honestly, it is a godsend. The videos are clear, concise and fun! I wish I got to know about this earlier; it would have helped me immensely.”

Yaniv

5th year medical student
Fundación H. A. Barceló Facultad de
Medicina, Argentina





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