Sectra Education Portal & Table
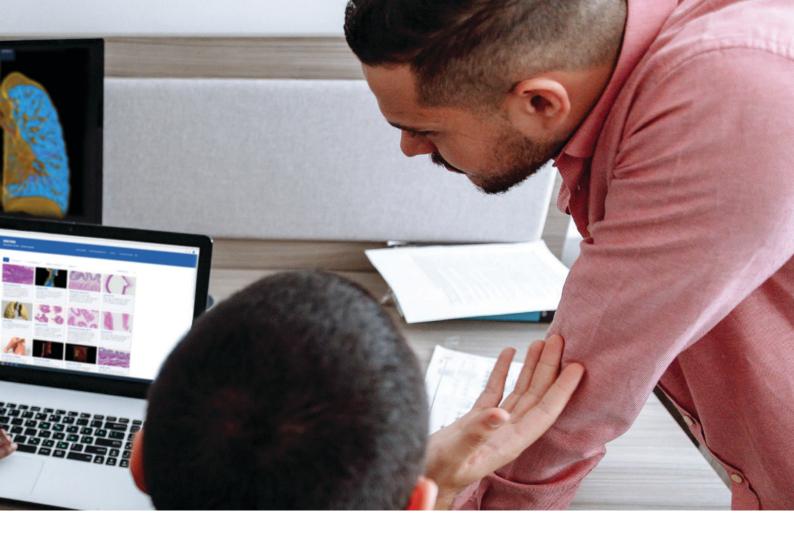
Advanced anatomy imaging.
From undergrad to postgrad.

With more than 30 years of innovation, Sectra is a leading global provider of imaging IT solutions. Our tools support top clinical institutions achieve patient-centric care within imaging and diagnostics. Out of this knowledge, we have created Sectra Education Portal —a SaaS solution to help elevate the education for tomorrow's medical professionals.

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This comprehensive solution is the best possible combination—remote access at home and table revisions on campus.

David Escalante Contreras, human morphology teacher, FUCS

Interaction improves medical education

Interaction with virtual representations of real-life bodies based on clinical imaging provides a deeper understanding and insight into anatomy as well as the functions and processes inside the body. With cloud-based on demand access to relevant visualization tools and content from any device, you can use the solution all the way from the beginning of the medical curriculum to residency training. The result is innovative medical education that enhances the learning process for students and helps them develop their analytical and problem-solving skills.

Highlights

- On-demand multidepartmental access facilitates self-directed learning to happen beyond the classroom and safeguards competency standards.

- Advanced visualization, 3D functionality and tools used in real clinical practices enhances students' clinical preparedness.

- Access to a multidisciplinary library of clinical content enables variety and width of real-life examples.

Clinical relevance through visualization

Sectra Education Portal offers advanced visualization tools and a multidisciplinary library of real anatomy- and clinical cases. The SaaS solution can be used in traditional classroom — as well as remote teaching settings, and ties in anatomy, histology, radiology, traumatology, and other specialties.

By connecting to Sectra Education Portal, you can prepare and tailor lessons online using a combination of our large library and own imported cases. Reliable digital technology ensures that quality and relevance remain high during online teaching. In addition, the solution can easily be scaled up for use by many users across faculties and on different devices. This means that teachers, students, and clinical staff can use the solution at the university, in the hospital and at home.

User accounts are managed online, and depending on the assigned role, various cuttingedge visualization tools and functions are made available to e.g. interact, import, edit, organize and present content in an efficient way with the possibility to assimilate a clinical workflow.

First class touch interaction

In addition to the web-based solution, teachers and students have the possibility to use Sectra terminals. These large, immersive and interactive touch devices provide optimal touch interaction and visualization to further improve the experience in and performance of Sectra Education Portal.

The Sectra Table is powered by a Sectra PACS workstation and allows users to easily explore and examine virtual representations of real bodies in minute detail. 3D images are quickly rendered from data provided by CT and MR scans.
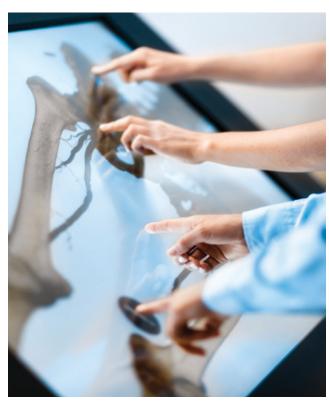
Interacting with 3D volumes through a touch interface is similar to using a smartphone. By simply touching the screen, you can interact with the image intuitively. You can swipe, scroll, zoom, rotate and navigate inside the images as well as remove layers of skin and muscle and dissect the body with a virtual knife.

A combination of the highly relevant medical cases in our platform and the possibility of intuitive image interaction maximizes learning and the potential for group engagement and interaction.

Highlights

- Ability to visualize 3D-imagery improves group engagement.
- Split-screen possibilities where four people can interact with and edit images simultaneously.
- Output for video- and digital audio data transmission.

» For customer testimonials, visit
medical.sectra.com/medical-education

The knowledge to meet expectations.
The passion to exceed them.

With 30 years of innovation, we are approaching 2,000 installations worldwide. Some of the biggest healthcare providers in the world depend upon our solutions. Everyone working at Sectra is driven to make a real difference in everything we do. It is that difference that you, and in turn, your students and their future patients, perceive as added value over and above the solutions we deliver.

2,000 reasons to trust us

- More than 30 years' experience as a leading innovator in medical imaging IT.

- Sectra PACS ranked "Best in KLAS" for eight consecutive years—2013, 2014, 2015/2016, 2017, 2018, 2019, 2020 and 2021.

- We have a high customer-retention rate thanks to the stability and ease of use of Sectra's products and services.

- At Sectra we start by listening. Because listening to our customers has always been at the core of our product development.

SECTRA

Knowledge and passion