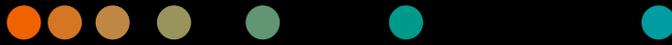


Cinematic Anatomy

Transforming anatomy education



Cinematic Anatomy is an immersive training application based on cinematic rendering (CR) technologies from Siemens Healthineers that was specifically developed for teaching.

The spatial context of anatomical structures is easily grasped due to the photorealistic representation of raw data from CT and MR DICOM in 3D. These renderings can be edited with features to clip, crop, fenestrate, rotate, zoom to a virtual dissection, and even reverse.



Courtesy of Universitätsklinikum Erlangen, Germany

Cinematic Anatomy has additional features that goes beyond our medical devices with Cinematic Rendering and support **teachings** in a unique way:

- Creation of key frames/ presentations and export of rendered animations for the preparations of lectures
- A content library with a range of ready to use datasets on a variety of anatomical and pathological structures
- Intuitive interface with a great variety of automated presets for an efficient and simple process of your own imported data
- Annotation function in 3D available
- Fade-in of MPR cuts in the 3D volume in arbitrary angles and depths as well as a “drive thru” of the volume with the cross section for successive localization
- Interactive demonstration of photorealistic 3D visualizations during the lecture trough installing the software on your laptop
- Immersive dive-in of the audience into the 3D presentation through stereo view mode (3D glasses for the audience and 3D projector/screen are required)
- Exploration of the 3D volume in a virtual reality set up through connection of VR/AR head set

Cinematic Anatomy offers the opportunity to set new standards for anatomy and medical education, as well as augment the product range of practical dissection classes efficiently.



Courtesy of Radiologie im Israelitischen Krankenhaus Hamburg, Germany



Courtesy of Universitätsklinikum Erlangen, Germany

“The advantage of virtual dissection with Cinematic Anatomy – apart from the cost – is that it’s reversible.

And because the photorealistic visualizations are from real patient cases, you still feel a high emotional engagement of the students”

Franz A. Fellner, mD, Head of Radiology Johannes Kepler University Linz, Austria



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The statements by customers of Siemens Healthineers described herein are based on results that were achieved in the customer’s unique setting. Since there is no “typical” hospital and many variables exist (e.g., hospital size, case mix, level of IT adoption) there can be no guarantee that other customers will achieve the same results.