

surgicalscience

ANGIO Mentor

UNPARALLELED TRAINING IN ENDOVASCULAR INTERVENTIONS

**The essential simulator for practicing and
mastering endovascular skills.**





Trusted by medical associations, hospitals, training centers, and the medical device industry worldwide, the ANGIO Mentor simulator helps trainees practice endovascular interventions under fluoroscopic and ultrasound guidance - safely and repeatedly - until they're ready for the clinical setting.

Why ANGIO Mentor?

Imaging - The system provides real time fluoroscopy, CINE, DSA and roadmapping capabilities. Real-time ultrasound is available with IVUS, ICE, and TEE. The platform offers the ability to connect to either a real or miniature c-arm for enhanced realism.

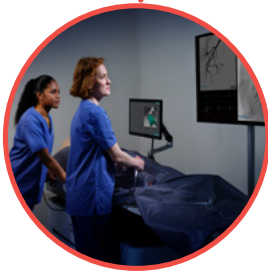
Device Simulation - The system delivers haptic feedback and realistic device behavior to create an immersive training experience. It includes a wide selection of deployment systems based on real devices.

Patient Management - The system features an extensive medication panel and a dynamic vital signs monitor. Real time complications and advanced scenarios challenge trainees to respond appropriately and improve clinical decision-making.

Educational Features - The system provides comprehensive performance metrics to track trainee progress. Unique basic skills modules and self-guided tutorials support structured learning. Various educational features help establish anatomical and procedural knowledge.

A Modular Endovascular Training Solution

The ANGIO Mentor mixed-reality training simulators provide a comprehensive, safe environment for multi-level hands-on practice of endovascular procedures and techniques performed in the cath lab, interventional suite or operating room.



ANGIO Mentor Suite

A full-scale system for complete OR team training as well as practicing procedural skills.



ANGIO Flex Pro 3.3

A portable platform with full simulation capabilities - ideal for remote courses and conferences.



ANGIO Flex Pro 1.0

An ultra-portable unit tailored for hassle-free device demonstrations.

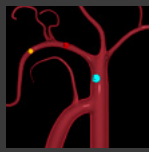


ANGIO Mentor AR

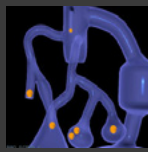
A radiation awareness add-on application, which uses augmented reality (AR) to visualize real-time radiation scatter in the room, helping teams practice procedures safely while reinforcing ALARA principles.

An Ever-Expanding Library of Modules

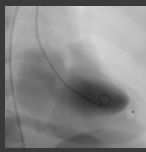
Developed in collaboration with world leading physicians, the training modules support skills acquisition to build confidence and proficiency in a variety of endovascular techniques and procedures.



ENDOVASCULAR
BASIC SKILLS



EP BASIC SKILLS

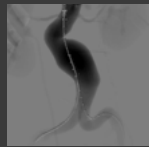


CARDIO BASIC
SKILLS

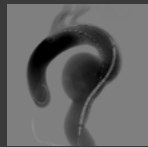


C-ARM BASIC
SKILLS

BASIC SKILLS



EVAR



TEVAR

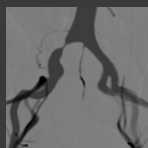


ADVANCED TEVAR

AORTIC INTERVENTIONS



RENAL



ILIAC



SFA



ATHERECTOMY



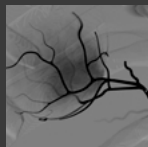
LOWER EXTREMITIES BELOW THE KNEE
CTO



PERIPHERAL INTERVENTIONS



PERIPHERAL
EMBOLIZATION



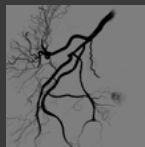
EMBOLOTHERAPY
(HCC & UFE)



TRAUMA
MANAGEMENT



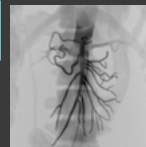
VENOUS
INTERVENTION



PROSTATIC ARTERY
EMBOLIZATION



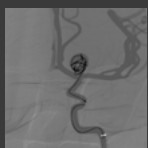
RENAL
DENERVATION



MESENTERIC
ISCHEMIA



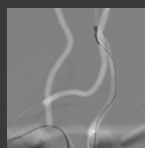
CAROTID



CEREBRAL



ACUTE ISCHEMIC
STROKE



TRANSRADIAL
CEREBRAL

NEUROVASCULAR INTERVENTIONS



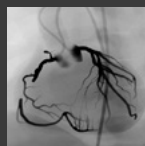
CORONARY



TRANSRADIAL
CORONARY



CORONARY
BIFURCATION

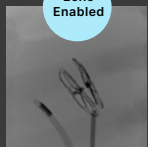


CORONARY CTO

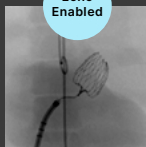
CORONARY INTERVENTIONS



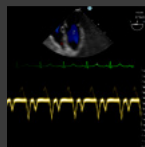
TAVI



ASD/PFO CLOSURE



LAA CLOSURE

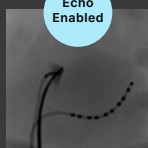


TEE

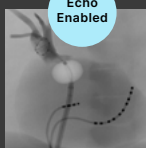
STRUCTURAL HEART DISEASES



CARDIAC RHYTHM
MANAGEMENT



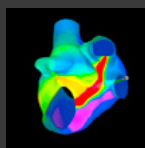
TRANSSEPTAL
PUNCTURE



AF ABLATION

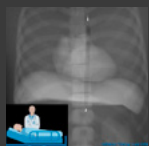


ICE TRAINER



EP MAPPING

ELECTROPHYSIOLOGY



BEDSIDE CARDIAC
ICU



TRAUMA
MANAGEMENT

TRAUMA AND ICU

20+ | 39+ | 320+ | 18+

YEARS OF
SIMULATION
EXPERIENCE

SIMULATED
ENDOVASCULAR
PROCEDURES

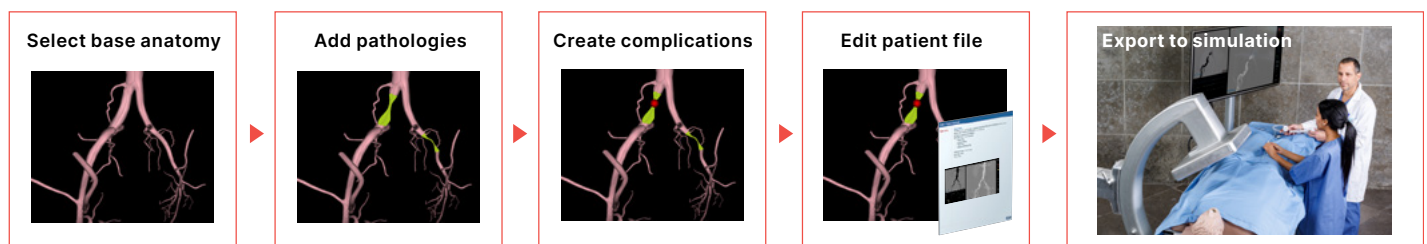
TRAINING
CASES

INDUSTRY
PARTNERS



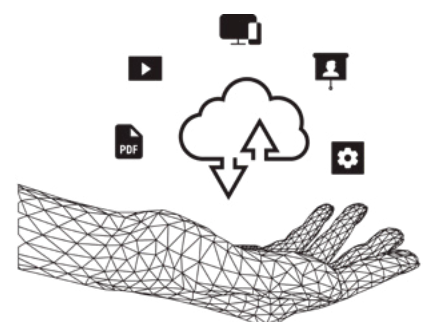
iCase

The first endovascular simulation case editor makes it easy to create new training scenarios.



MentorLearn Cloud

An easy-to-use cloud-based management system that helps administer all your Surgical Science simulators, curricula and trainees. It enables remote learning and results monitoring, proficiency-based hands-on training and simulation video capture, ideal for debriefing.



Simulation training provides the opportunity to train demanding, new operations in a zero-risk environment for the patient.



Our vascular surgery residents simply do not come close to patients until completing simulation training and passing simulated exams on ANGIO Mentor simulator. That order is the only one that makes sense."

Prof. Jonas Eiberg

Department of Vascular Surgery and Copenhagen Academy of Medical Education and Simulation
Rigshospitalet and University of Copenhagen, Denmark



We must train physicians that are currently performing old practices, on new devices and techniques. In addition, we needed a tool to train our residents and fellows without risking our patients. Now practicing on the ANGIO Mentor is a part of training in our vascular surgery department. All residents and fellows have a specific curriculum and they have to perform two hours per week of training and assessment in order to evaluate and improve their skills."



Prof. Nabil Chakfé

Head of Vascular Surgery and Renal Transplantation Strasbourg, University Hospital, France
President of GEPROVAS Association



Simulation training on the ANGIO Mentor helps us achieve better results. It allows us to repeat and learn well all procedural steps; knowing what to do reduces the number and complexity of complications. It brings us to the 'battlefield', allowing us to be ready and able to perform a safe and effective procedure."



Prof. Haim Danenberg

Head of Interventional Cardiology
Wolfson Medical Center, Israel

surgicalscience



Let's discuss how your organization can benefit from simulation.
Request a free demo at info@surgicalscience.com

Scan the QR code for more information.

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