

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.

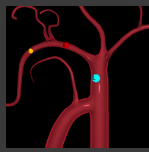


## ANGIO Mentor AR

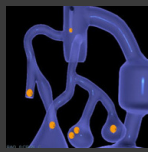
A radiation awareness add-on application, which uses augmented reality (AR) to visualize real-time radiation scatter in the room, helping teams practice procedures safely while reinforcing ALARA principles.

# An Ever-Expanding Library of Modules

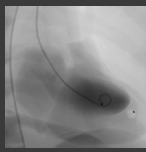
Developed in collaboration with world leading physicians, the training modules support skills acquisition to build confidence and proficiency in a variety of endovascular techniques and procedures.



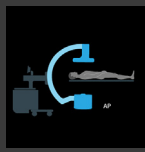
ENDOVASCULAR  
BASIC SKILLS



EP BASIC SKILLS

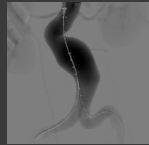


CARDIO BASIC  
SKILLS

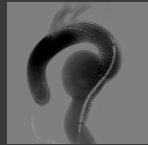


C-ARM BASIC  
SKILLS

## BASIC SKILLS



EVAR



TEVAR

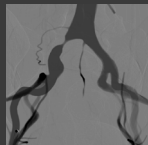


ADVANCED TEVAR

## AORTIC INTERVENTIONS



RENAL



ILIAC



SFA



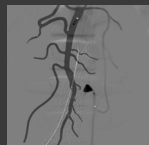
ATHERECTOMY



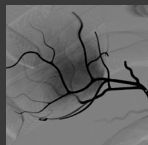
LOWER EXTREMITIES BELOW THE KNEE  
CTO



## PERIPHERAL INTERVENTIONS



PERIPHERAL  
EMBOLIZATION



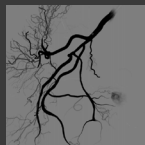
EMBOLOTHERAPY  
(HCC & UFE)



TRAUMA  
MANAGEMENT



VENOUS  
INTERVENTION



PROSTATIC ARTERY  
EMBOLIZATION



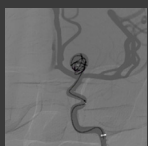
PULMONARY  
THROMBECTOMY



MESENTERIC  
ISCHEMIA



CAROTID



CEREBRAL

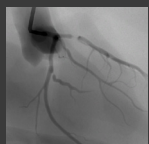


ACUTE ISCHEMIC  
STROKE



TRANSRADIAL  
CEREBRAL

## NEUROVASCULAR INTERVENTIONS



CORONARY



TRANSRADIAL  
CORONARY

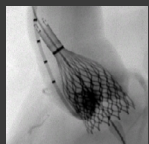


CORONARY  
BIFURCATION

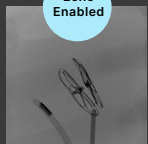


CORONARY CTO

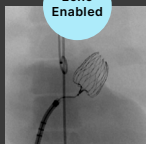
## CORONARY INTERVENTIONS



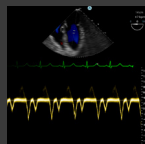
TAVI



ASD/PFO CLOSURE



LAA CLOSURE

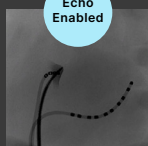


TEE

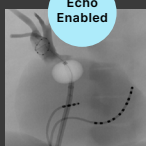
## STRUCTURAL HEART DISEASES



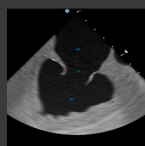
CARDIAC RHYTHM  
MANAGEMENT



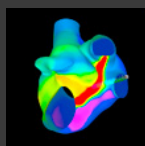
TRANSSEPTAL  
PUNCTURE



AF ABLATION

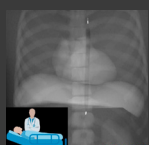


ICE TRAINER



EP MAPPING

## ELECTROPHYSIOLOGY



BEDSIDE CARDIAC  
ICU



TRAUMA  
MANAGEMENT

## TRAUMA AND ICU

# 20+ | 39+ | 320+ | 18+

YEARS OF  
SIMULATION  
EXPERIENCE

SIMULATED  
ENDOVASCULAR  
PROCEDURES

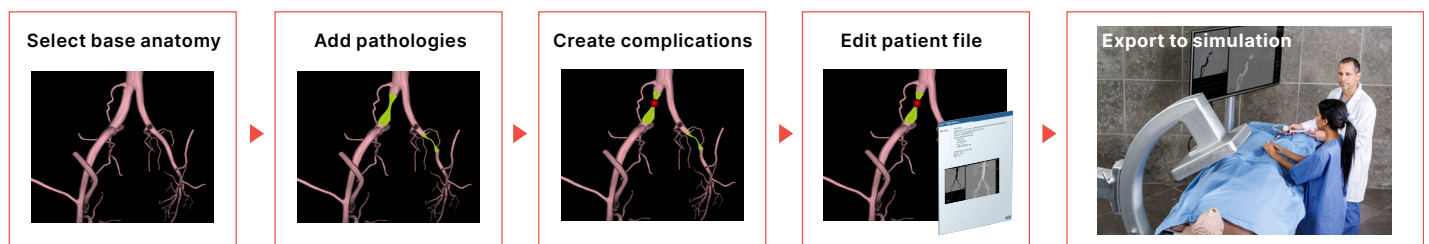
TRAINING  
CASES

INDUSTRY  
PARTNERS



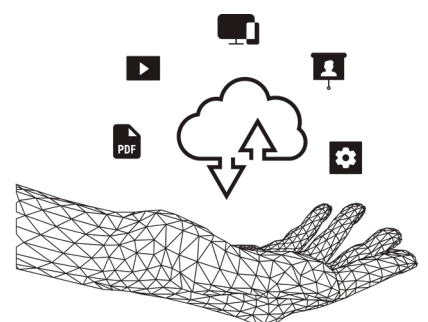
## iCase

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](mailto:info@surgicalscience.com)

Scan the QR code for more information.

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