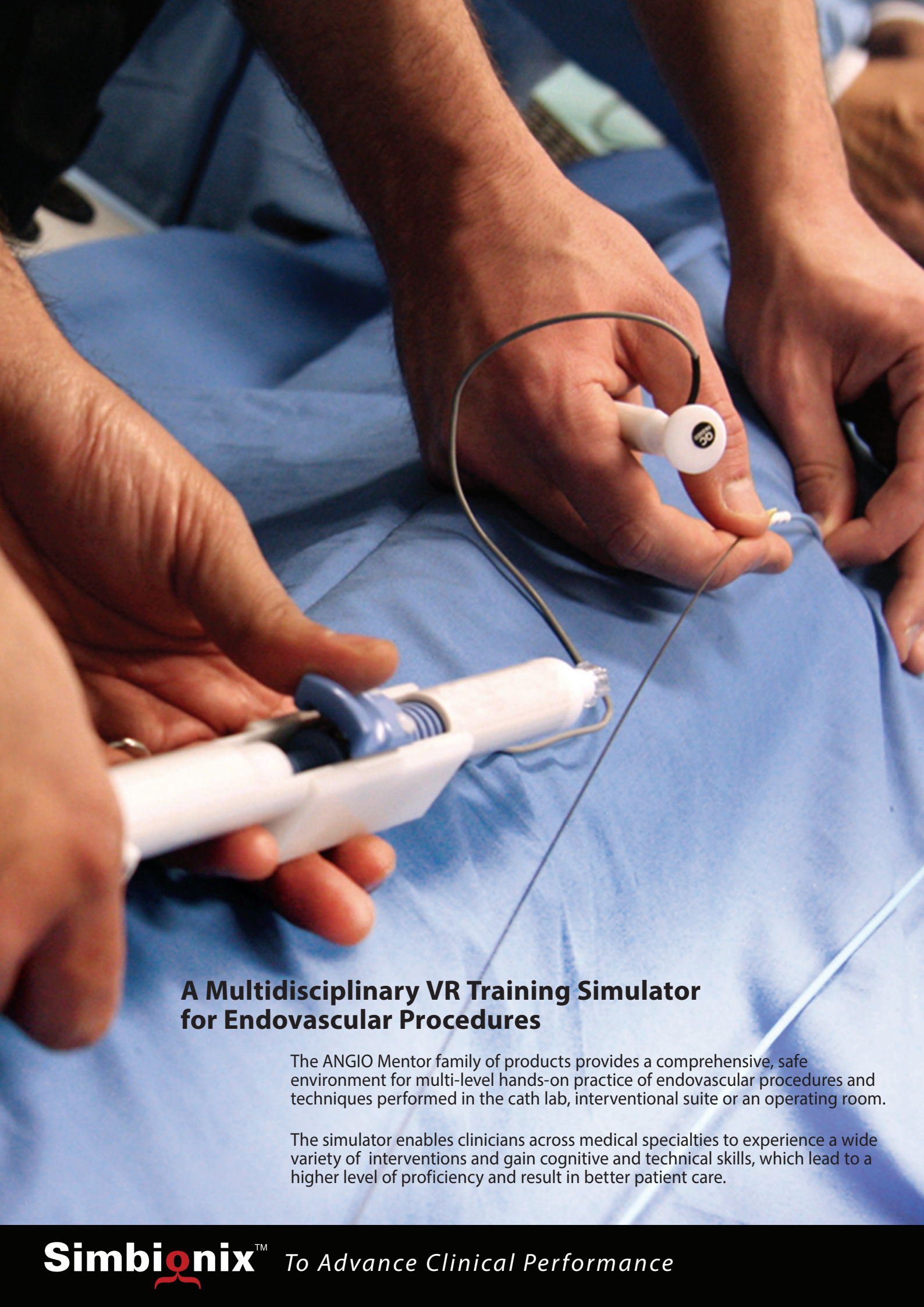


ANGIO Mentor™

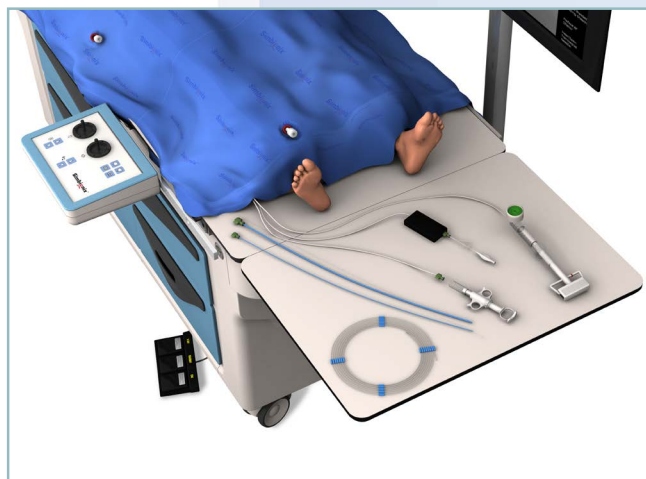


A Multidisciplinary VR Training Simulator for Endovascular Procedures

The ANGIO Mentor family of products provides a comprehensive, safe environment for multi-level hands-on practice of endovascular procedures and techniques performed in the cath lab, interventional suite or an operating room.

The simulator enables clinicians across medical specialties to experience a wide variety of interventions and gain cognitive and technical skills, which lead to a higher level of proficiency and result in better patient care.

Simulator Features



Imaging

- C-arm and patient table maneuvering
- Real time fluoroscopy, cineangiography, DSA and roadmapping
- Real time Echocardiography (ICE) and TEE

Device Simulation

- A wide selection of interventional devices: guide wires, catheters, balloons, stents, grafts and more
- Actual devices and deployment mechanisms
- Haptic feedback and realistic device behavior

Patient Management

- Responsive vital signs monitor
- Extensive medication panel
- Complex scenarios with real time complications

Educational Features

- Comprehensive performance metrics for trainee assessment
- Unique Basic Skills Modules
- Self-guided tutorial cases for independent practice
- 3D views to establish anatomical knowledge

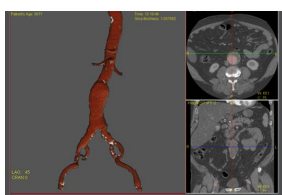
PROcedureTM
rehearsal studio

An advanced dynamic tool for clinical and training purposes. The revolutionary software allows clinicians to create a patient specific 3D anatomical model based on a patient's CT to simulate, analyze and evaluate for preoperative surgical treatment options.

Cases with strong teaching value can be stored on the ANGIO Mentor system for future training, enabling the creation of an unlimited virtual patient library and an innovative endovascular curricula.



Perform CT Scan



Generate 3D model



Practice on ANGIO Mentor

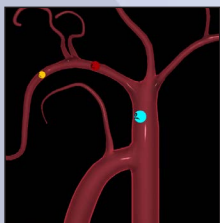


Perform actual procedure

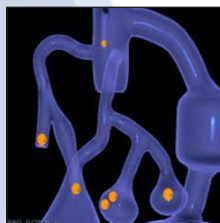
An Ever Expanding Library of Modules

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. The library currently offers 19 modules, including unique basic skills modules as well as well as complex procedural modules presenting over 130 unique patient cases. When used with the Simbionix PROcedure Rehearsal Studio, the number and variety of available practice options becomes unlimited, and enables creating an innovative endovascular curricula.

Basic Skills



**Endovascular
Basic Skills**



EP Basic Skills

Neurovascular Interventions



**Carotid
Intervention**

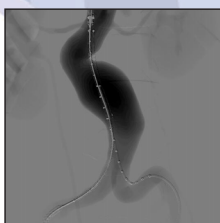


**Cerebral
Intervention**

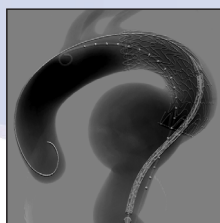


**Acute Ischemic
Stroke**

Aortic Interventions

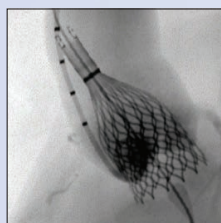


**EVAR
Dual Access**



**TEVAR
Dual Access**

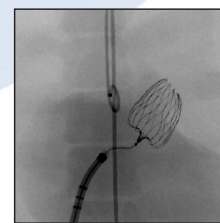
Structural Heart Diseases



**Aortic Valve
Replacement**

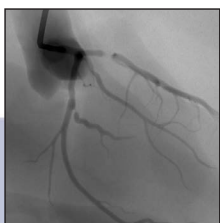


**ASD/PFO Closure
Echo Enabled
Dual Access**

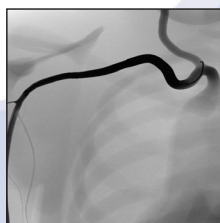


**LAA Closure
Echo Enabled**

Coronary Interventions



**Coronary
Intervention**



**Transradial Coronary
Intervention**

Peripheral Interventions



Renal Intervention

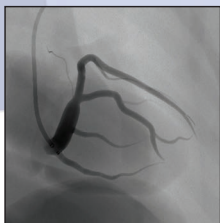


SFA Intervention



**Iliac
Intervention**

Electrophysiology



**Cardiac Rhythm
Management**



**Transseptal Puncture
Echo Enabled
Dual Access**



**Below The Knee
Intervention**



**Peripheral
Embolization**

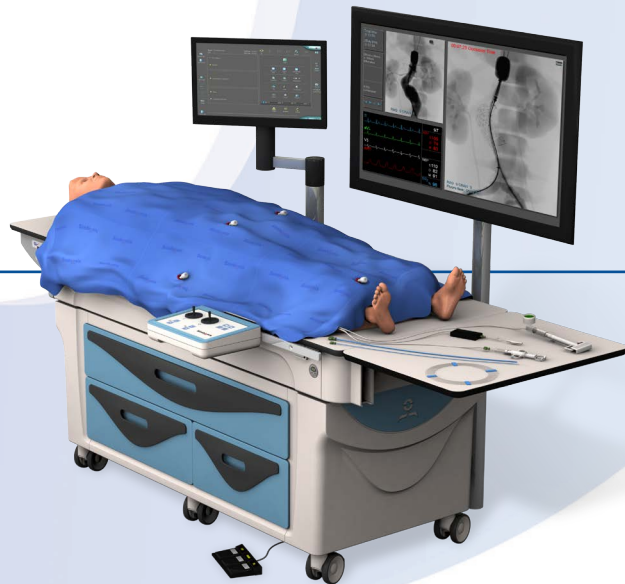
The ANGIO Mentor Family of Products

Simulator platforms are capable of running all ANGIO Mentor modules as well as PROcedure Rehearsal Studio software.

ANGIO Mentor Suite

A stationary solution that realistically simulates today's interventional environment including a life size patient mannequin, which allows clinical team members to practice endovascular procedures, and work interdependently to enhance team communication.

The system allows tool introduction from 5 optional access sites, and is ergonomically designed to allow table height and control panel location adjustment.



ANGIO Mentor Flex

An ultra-portable training solution, ideal for remote meetings and courses or to move easily between hospital departments. Foldable, light and packed in a small case, it can be checked-in as luggage on flights within airline weight restrictions. Quick setup and easy operation make the system extremely convenient to use.

The system is available in both single and dual access configurations.





Simbionix - To Advance Clinical Performance

Founded in 1997, Simbionix is the world's leading provider of simulation, training and education solutions for medical professionals and the healthcare industry.

The company provides a complete solution for training simulation programs with its full array of simulators, PROcedure Rehearsal Studio™ for case rehearsal and MentorLearn™ for simulator management. The company is committed to the advancement of clinical performance and optimization of procedural outcomes through education and collaboration.

Simbionix cooperates with physicians on a regular basis to produce the most reliable and effective solutions for its customers.

// I believe that training on a Simbionix ANGIO Mentor should become an integral part of any endovascular curriculum. It provides residents and fellows with step-by-step training on fundamental skills as well as various procedures and anatomies. Not only does the simulator have realistic haptics and visuals, the range of complex scenarios and enhanced performance metrics allow our trainees to attain essential technical and cognitive expertise before working on real patients. //



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