

Skill Series

Mycro

Training System for Microvascular
Anastomoses and Microsutures

UpSurgeOn

Mycro is your first pocket-sized Training Kit for microsurgical techniques.

It is specifically designed for microvascular anastomoses and microsutures and is adaptable across multiple disciplines.



Surgical Realism

The most realistic training system for microvascular anastomoses and microsutures



Surgical Instruments & Threads

Microsurgical Instruments and Threads are included in the pack



Disposable Parts

Unlimited training on anastomoses through hyperrealistic Disposable Vessels. Practice microsutures with any suturable material!



Free Educational Contents

Get the Skill Series App to learn different micro suturing and anastomoses Techniques on Mycro

One Kit, more Pods, multiple Disciplines

Intuitive and Easy to use.

You can switch from a discipline to another by changing the Pods



Brain Pod

Designed for Neurosurgery



Muscle Pod

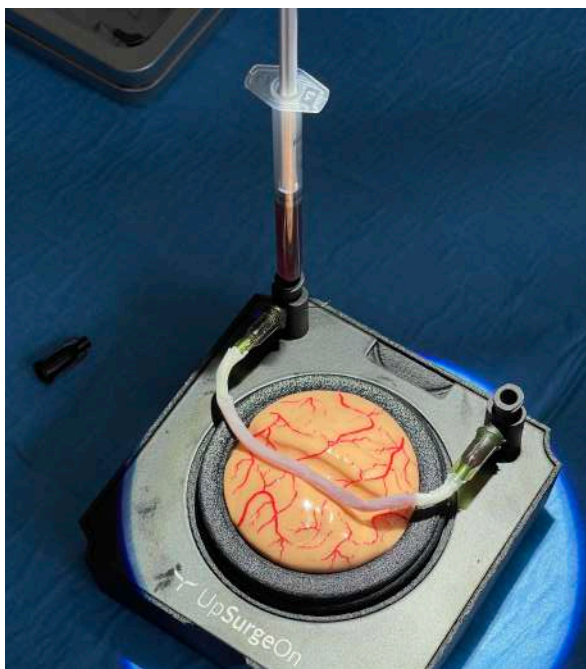
Designed for all the other Disciplines



Leak Test System

Mycro delivers an experience comparable to that of live animals, a realism attributed to its integration of a blood flow simulation and a leak test system.

The mastery of watertight anastomoses demands advanced proficiency. The blood flow and leak testing on life-like vessels is now achievable anywhere.

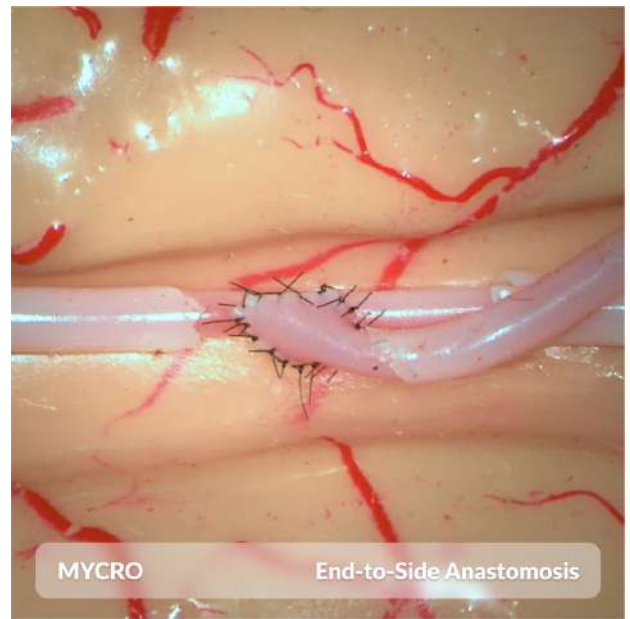
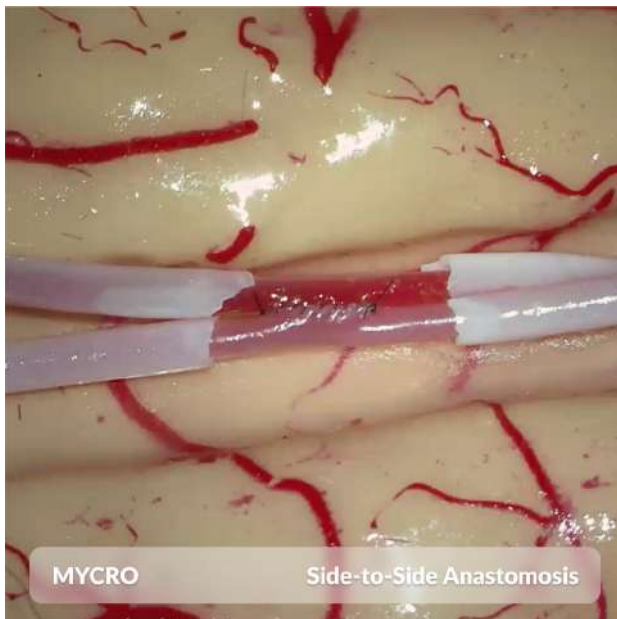
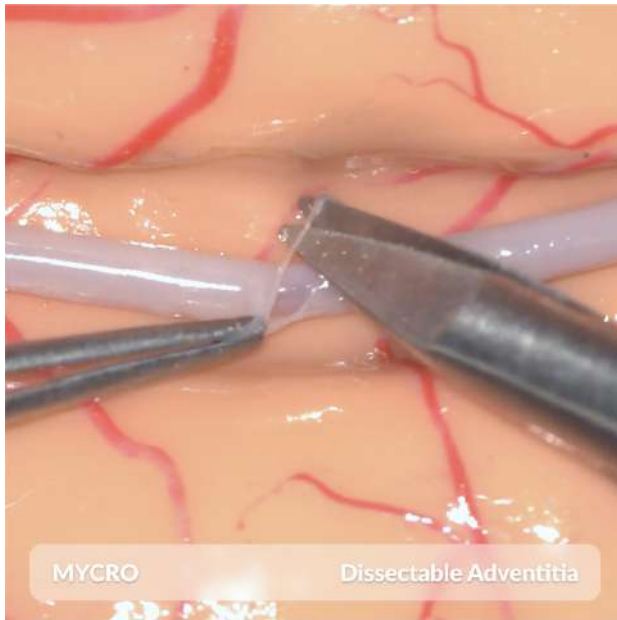


Disposable Vessels

Mycro Simulator is designed to provide the most hyperrealistic training ever thanks to a life-like training experience comparable to the exercise on live animals. This is possible thanks to vessels with adventitia and blood flow simulation for leak detection (Ø 1 mm and 2 mm vessels).

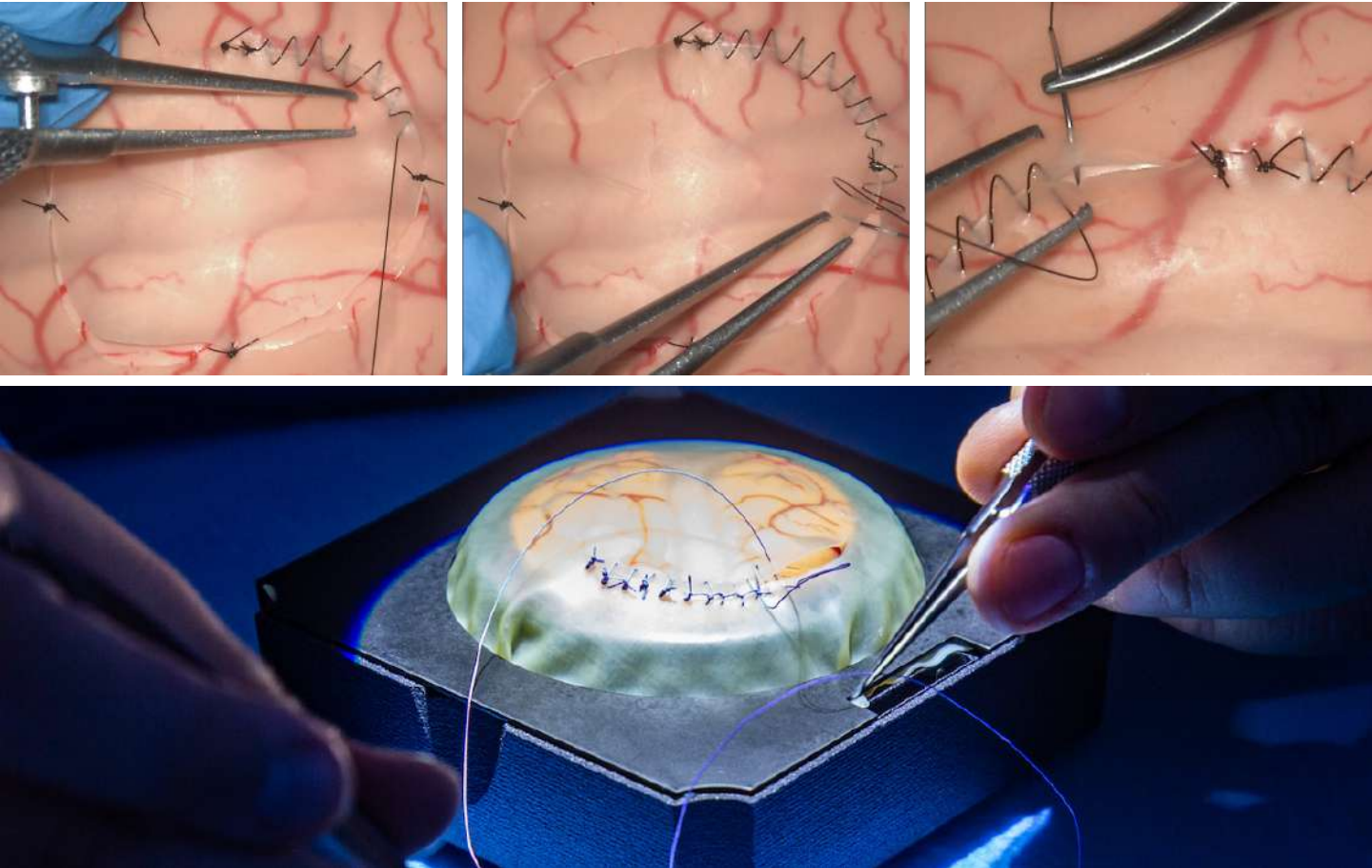
What you can practice:

- End-to-End Anastomoses on 1mm and 2mm vessels
- End-to-Side Anastomoses on 1mm and 2mm vessels
- Side-to-Side Anastomoses on 1mm and 2mm vessels
- Adventitia dissection



Microsutures

With Mycro you can learn how to perform microsutures on any saturable materials simulating any organic membrane.

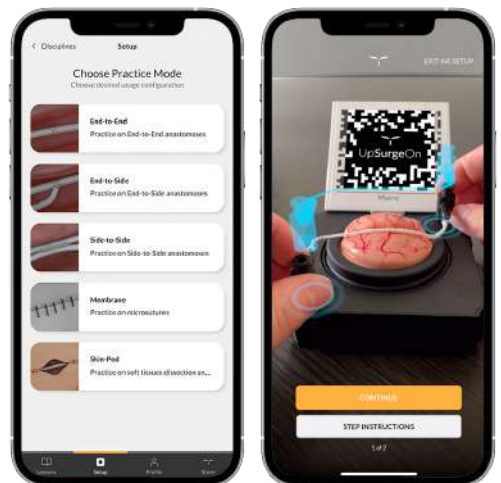


Skill Series App

Mycro Simulator + Skill Series App:
the most complete system to learn
microsutures and anastomoses

The Mycro App provides a comprehensive library of:

- Augmented Reality functions to guide you in the set up of your Mycro Simulator according to the exercise you want to perform;
- Step-by-step surgical videos of several microsuture techniques to perform during your training using Mycro Simulator.



Mycro Kit Available

Which Mycro is right for you



MYCRO

Mycro Simulator

Muscle Pod and Brain Pod

Vessels

2x Ø 1 mm + 1x Ø 2 mm life-like
disposable vessels with
adventitia;



MYCRO FULL KIT

Mycro Simulator

Muscle Pod and Brain Pod

Vessels

2x Ø 1 mm + 1x Ø 2 mm life-like
disposable vessels with
adventitia;

Microsurgical Instruments

NOT FOR MEDICAL USE

Micro-scissor; Micro-forceps
with teeth; Micro-forceps
without teeth; Needle-holder;

Sutures

3x 5/0 stitches 3x 10/0 stitches

Fake Blood and Lubricant

AR Marker + Mycro App +
Phone holder

Other consumables

2x membranes for sutures 2x
syringes for blood Approximator
Lubricant dispenser



MYCRO FULL KIT + LOUPES

Mycro Simulator

Muscle Pod and Brain Pod

Vessels

2x Ø 1 mm + 1x Ø 2 mm life-like
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Other consumables

2x membranes for sutures 2x
syringes for blood Approximator
Lubricant dispenser

Loupes

3,5X, led light, battery
Aluminium case

Reach out to us

If you wish to acquire further information, please contact us at the following contact details according to your country of origin.

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Follow UpSurgeOn

UpSurgeOn is a hi-tech company specialized in psychomotor skill augmentation in microsurgeries through the use of bleeding-edge virtual and physical simulation technologies.



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