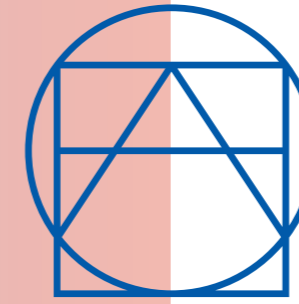# Anais
## Medical

Product Brochure

# Anais
## Medical

ANAIS Medical brings medical simulation closer to reality through models and simulators which allow training in invasive procedures and skills improvement for clinical experts in different areas like nephrology, vascular surgery, interventional radiology and nursing.

We offer a unique combination of synthetic simulators and homologous virtual reality applications to provide a complete immersive experience for students.

While physical models allow hands-on training and the familiarization with invasive procedures in a risk-free environment, virtual reality provides a first interaction with the affected anatomical regions and the theoretical concepts and steps behind a given procedure.
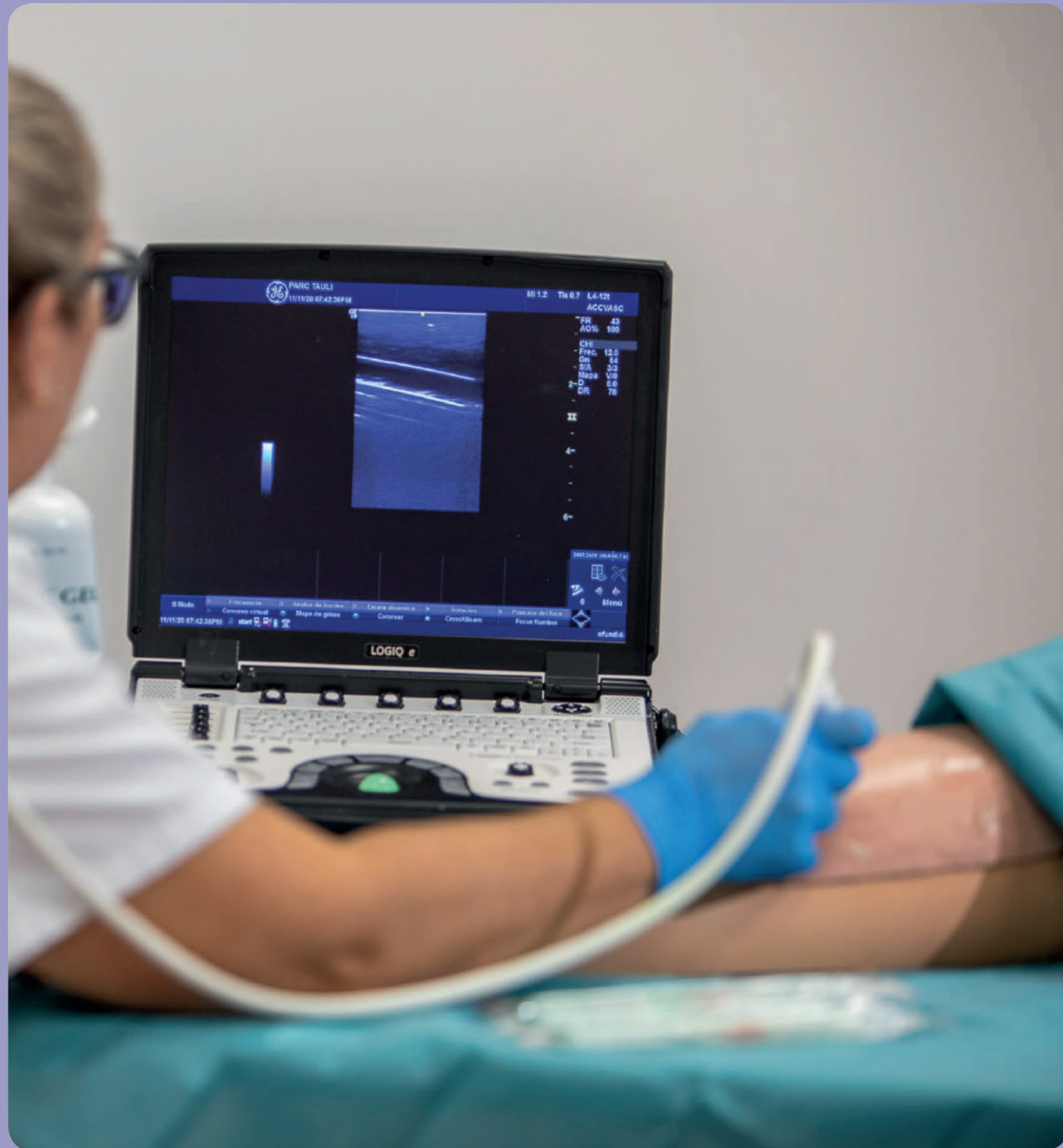
All our devices and the physiological structures that they contain are based on images of real patients, providing a high degree of accuracy and realism.

More info at     *www.anaismedical.com*

*info@anaismedical.com*

# Product Brochure Content

# Synthetic Simulators

# Vascular Access Surgery

**Product designed for the creation of vascular anastomosis.**

This simulator allows different kinds of arteriovenous fistulas to be created in multiple areas, and provides a realistic representation of the vascular anatomy and adjacent tissues.

Suitable both for the creation of native and prosthetic arteriovenous fistulas.

The model is aimed at acquiring skills in the surgical fields, and is especially indicated for training.
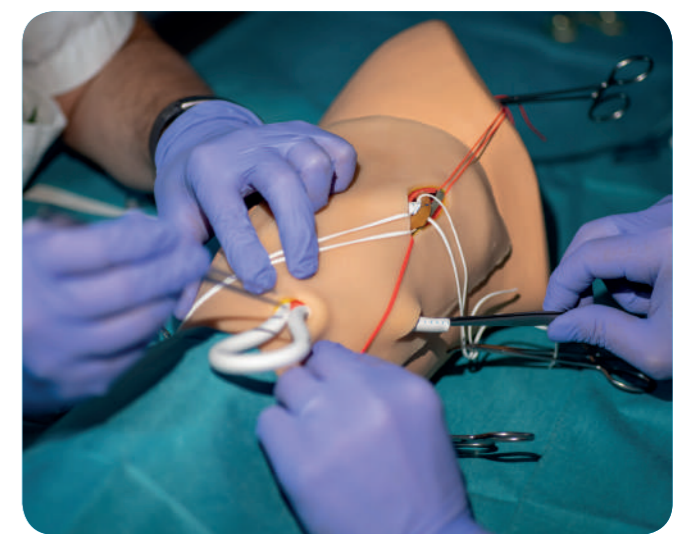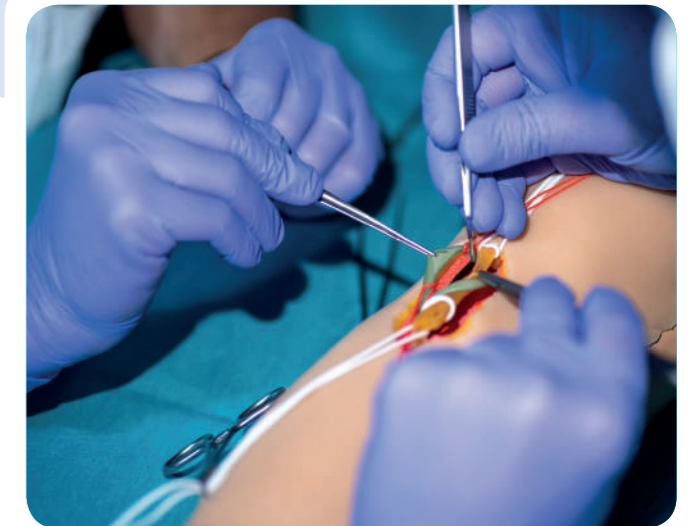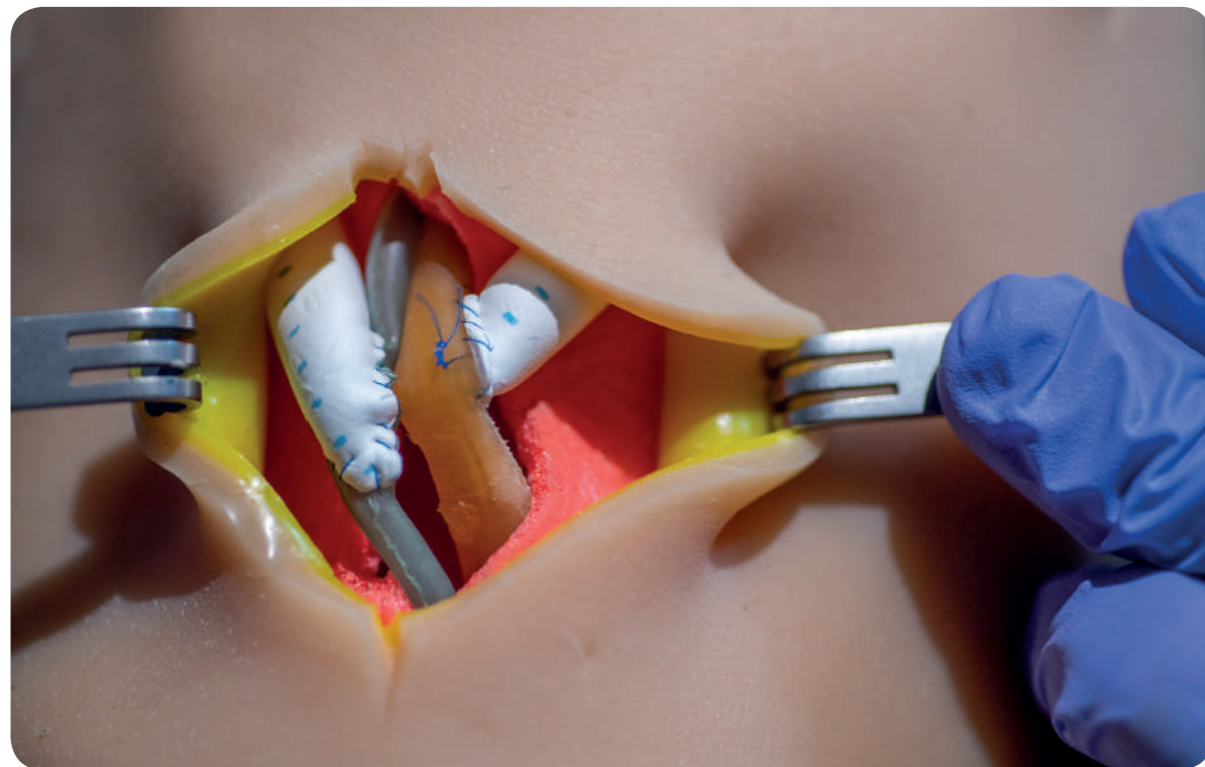
# Endovascular Procedures

Simulator for the reproduction of endovascular therapeutic procedures in the arteriovenous fistula for haemodialysis.

It contains the vascular bed of the arm and central venous trunks. Endovascular interventions used to dilate different-sized stenosis can be reproduced and stents placed through three possible entry points for different devices.

The procedure can be followed using a camera and a computer screen simulating the endovascular intervention process.

The structure is made up of a closed liquid circuit and includes a camera and the software needed to work correctly.

# Central Venous Catheter Placement

**Torso model with a vascular representation of the jugular territory.**

This model allows the introduction and placement of non tunnelled and tunnelled catheters through vascular structures based on real patients, with the use of ultrasound, since it is compatible with most ultrasound devices available in the market. It can be repeatedly punctured without causing deformities or leaks.

The model is composed of a support and a consumable element that allows the trainee to reuse the simulator.
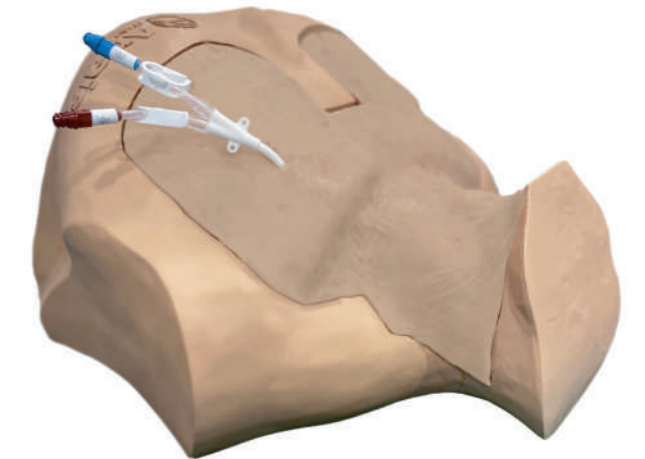
# Ultrasound Guided Needling

Arm with a complex arteriovenous fistula for the realization of ultrasound-guided puncture.

The simulators are compatible with most ultrasound machines in the market, therefore allowing the visualization of internal vascular structures. It reproduces the anatomy of a fistula, including the presence of stenosis.

The model can be repeatedly punctured without causing deformities and leaks. It consists of a support and consumable that allow the user to reuse the simulator. The puncture model is compatible with vascular access surgery support.
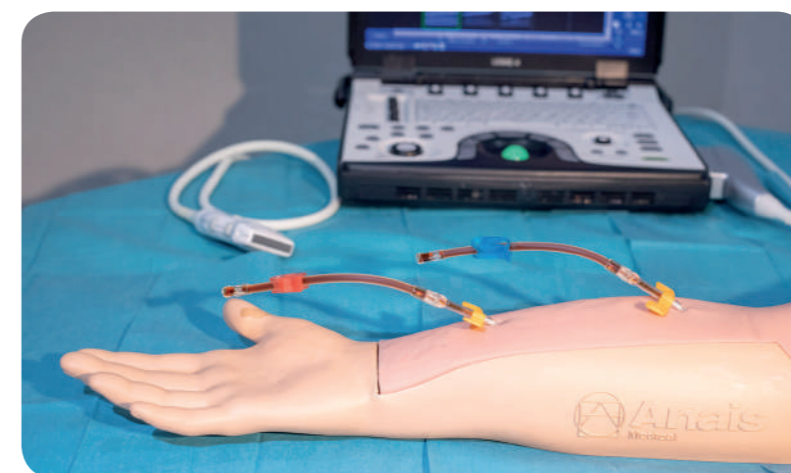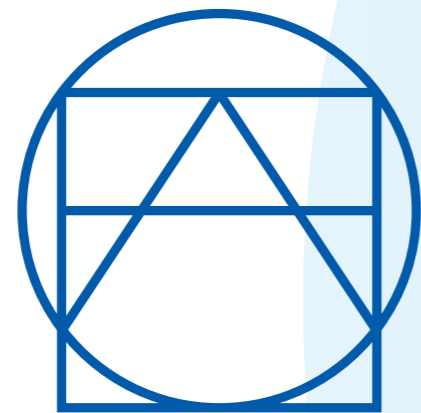
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