SurgMate®
The Simpler The Better

FVA-B01 (Basic version)

FVA-B02 (Advanced version)

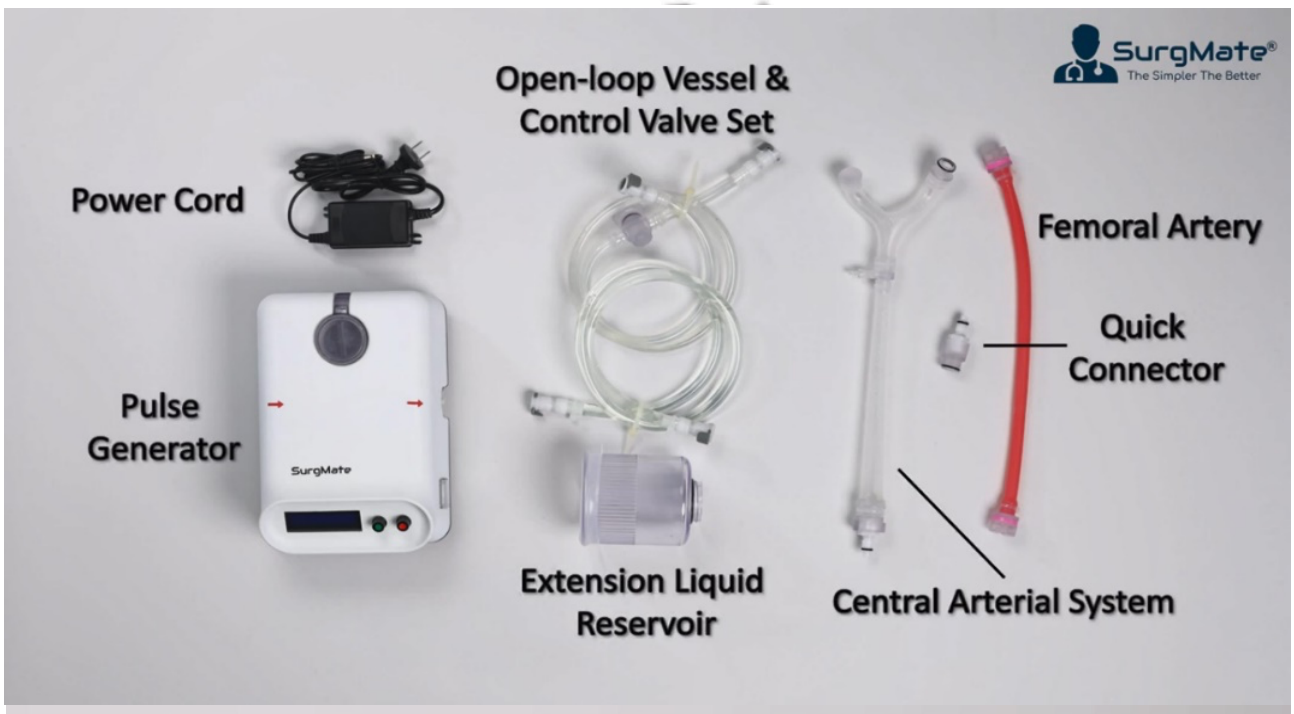
Femoral Vascular Access Trainer

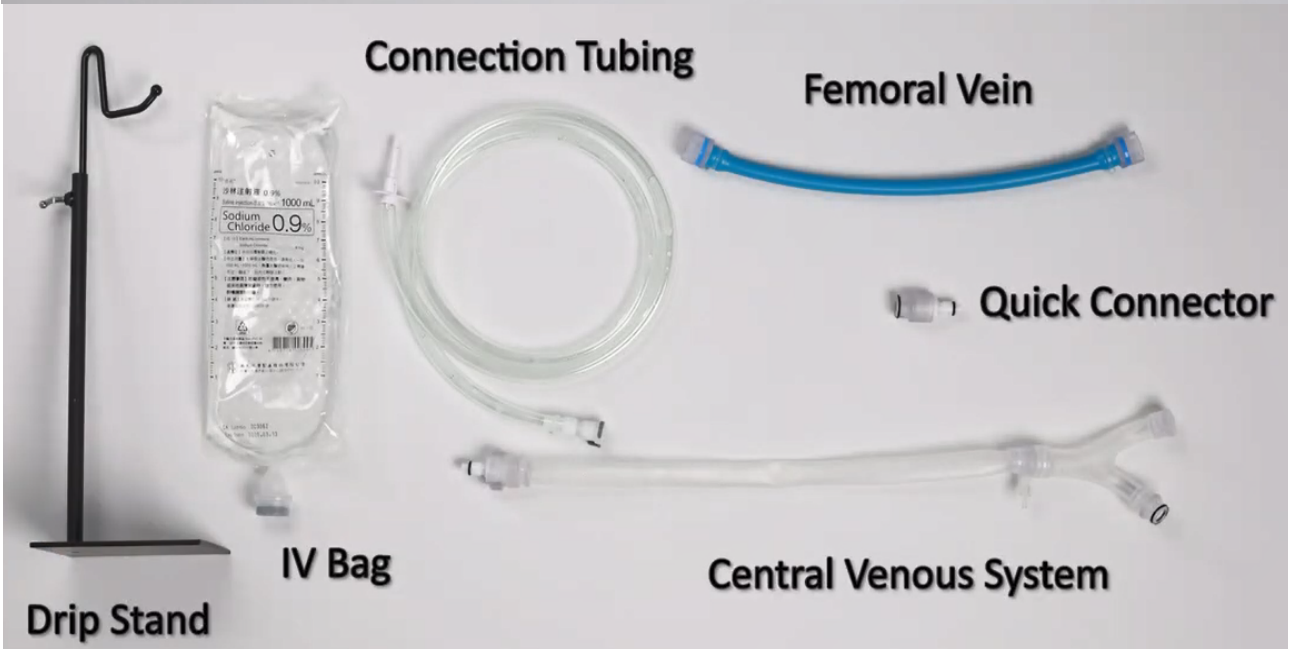
Instruction Manual

- Components

Water-containing tray

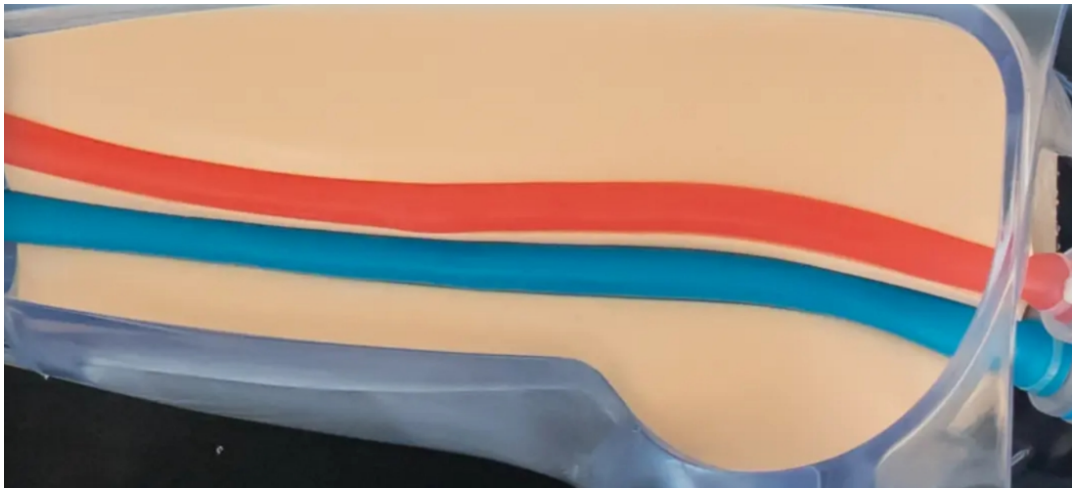
Thigh model





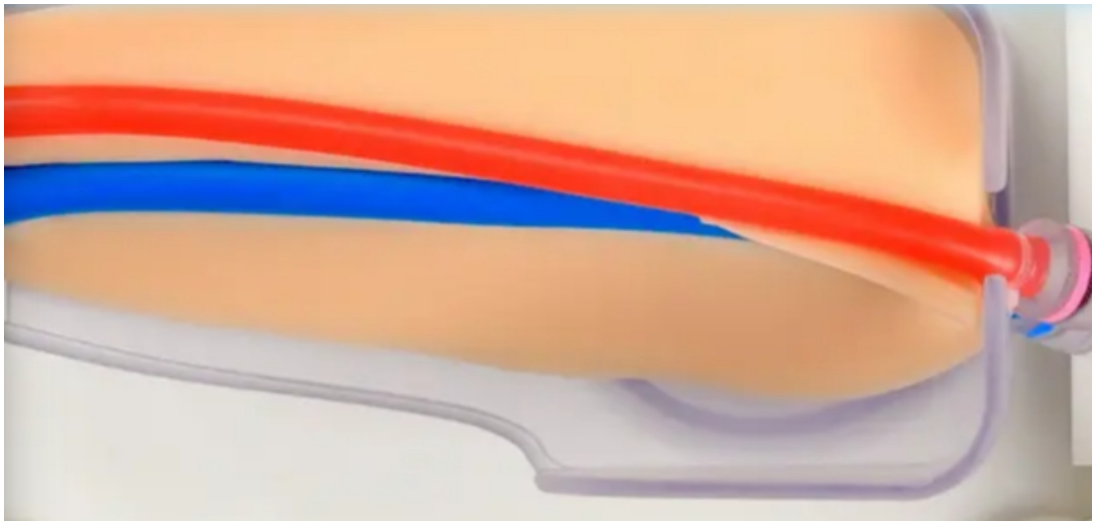
FVA-B01 (Basic version)

Basic anatomical variation of vessels.



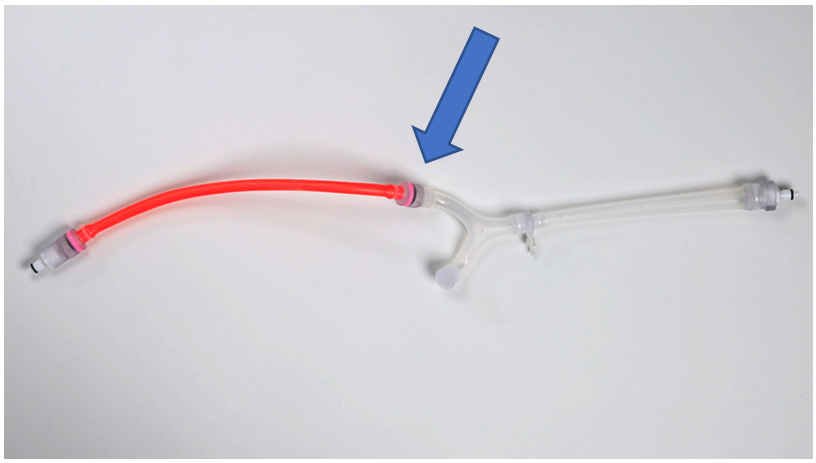
FVA-B02 (Advanced version)

Advanced anatomical variation of vessels.



● Establish Arterial Circulation

1. Assemble the arterial vascular components.



2. Plug in the power and add on the extension liquid reservoir.

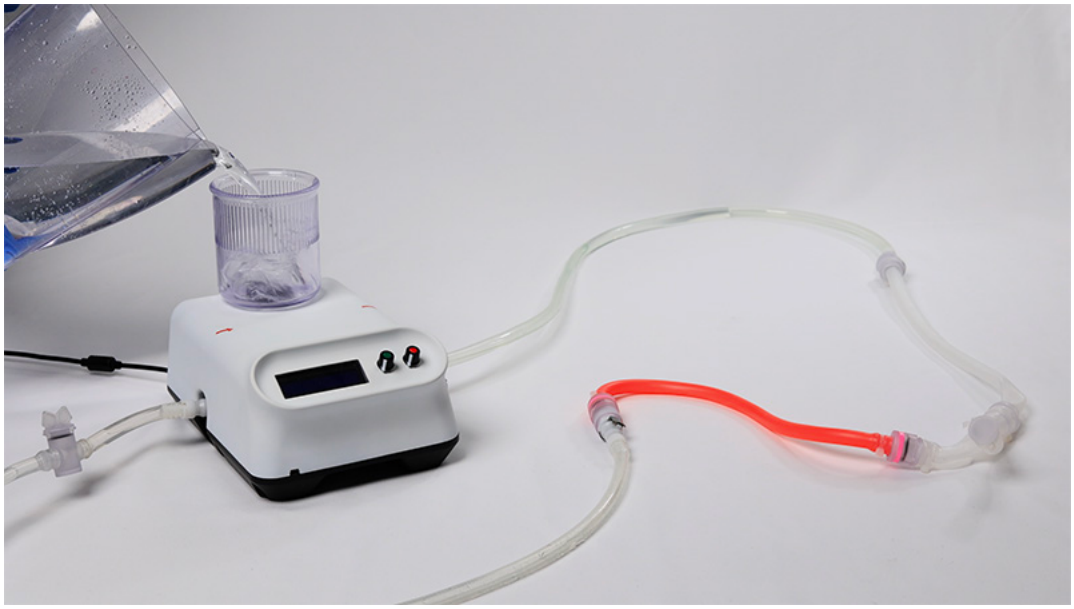
Attention:
Remember to move off the silicone cover.

3. Connect the open-loop vessel & control valve set to the Pulse Generator.

Attention:
Assemble according to the arrow direction indicated on the tubing.

4. Assemble the arterial vascular and the open-loop vessel & control valve set.

5. Fill with water until the extension liquid reservoir is 80% full.



6. Turn on the power and wait for the exhaust to complete.

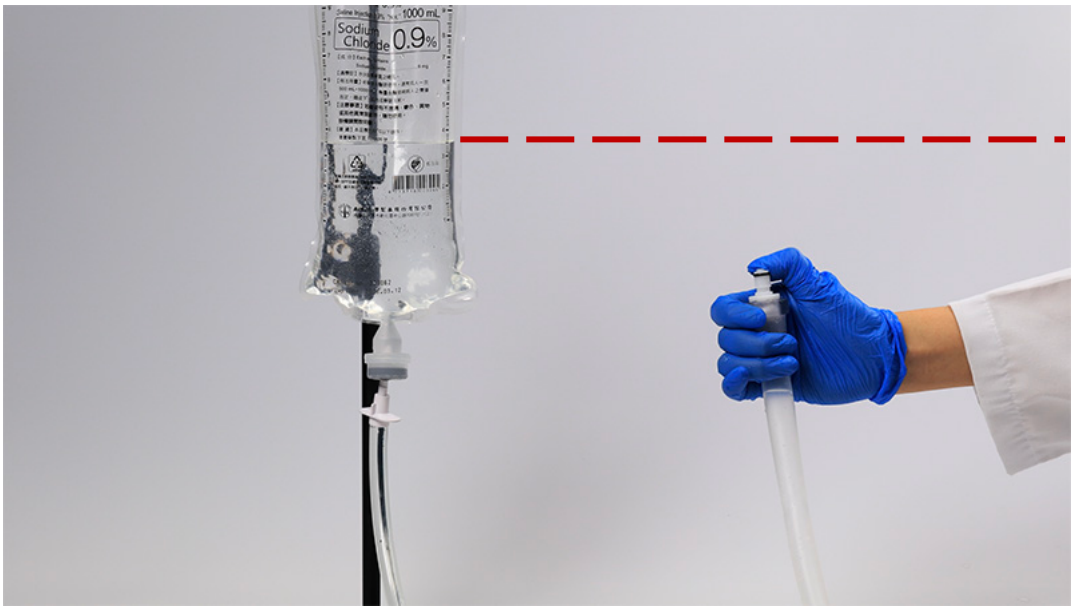
7. Turn the nob and gently squeeze the tubing to release any remaining air.

Establish Venous Circulation

1. Assemble the vein vascular components.

2. Use connection tubing to connect the vein and the IV bag.

3. Press the exhaust valve on the other end of the central venous system to release air.



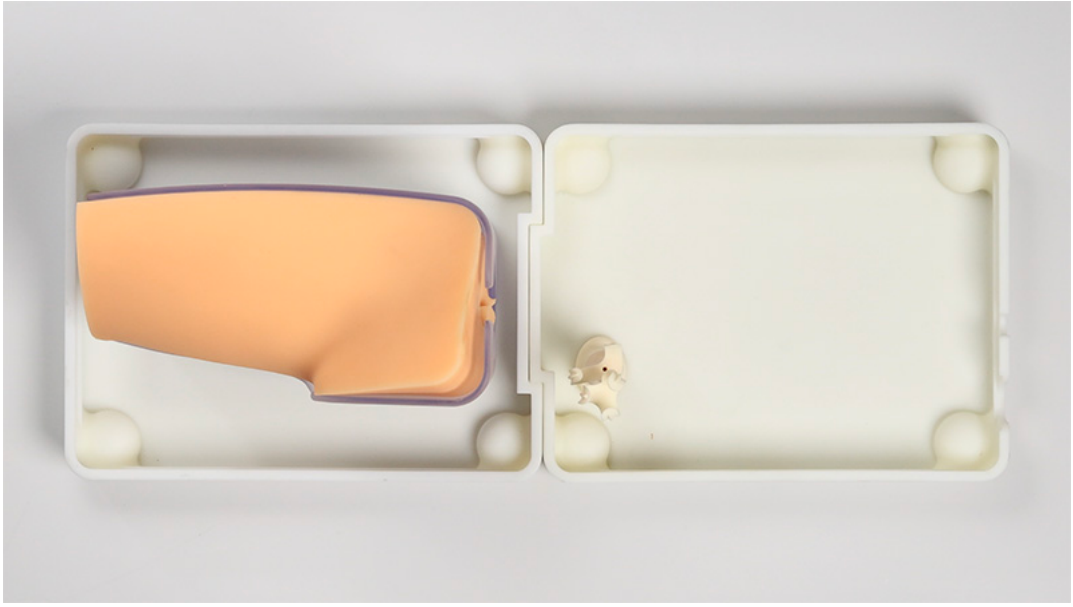
Attention:
The exhaust valve must be positioned below the water level of the IV bag.

Attention:
Water flows out from the exhaust valve to complete the air evacuation.

Assemble Vascular System and Thigh Model

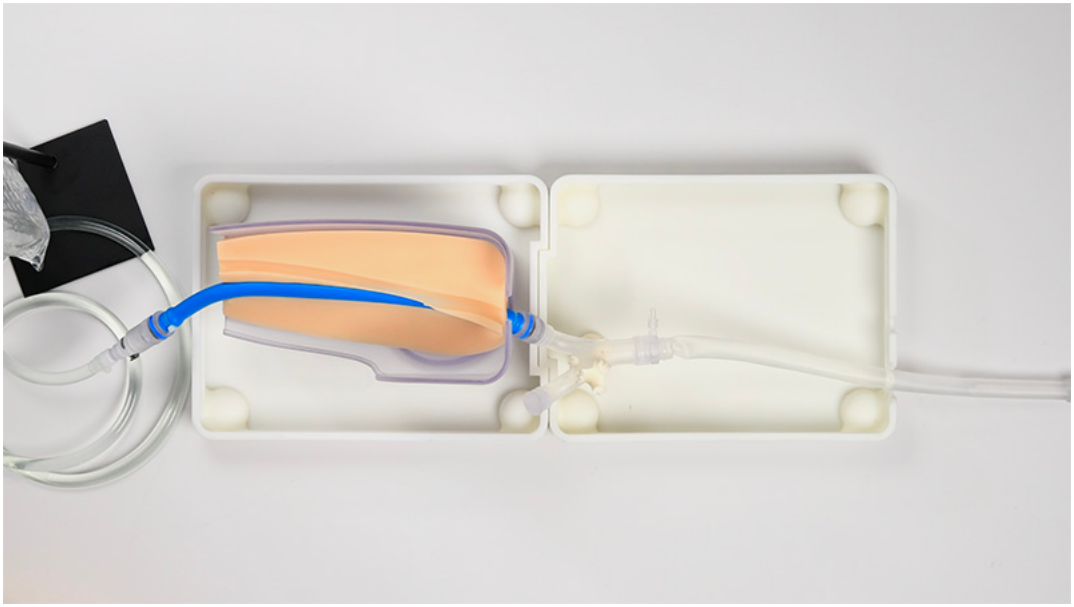
1. Take out two water-containing trays.

2. Place the vessel support base and the thigh model on the water-containing tray.



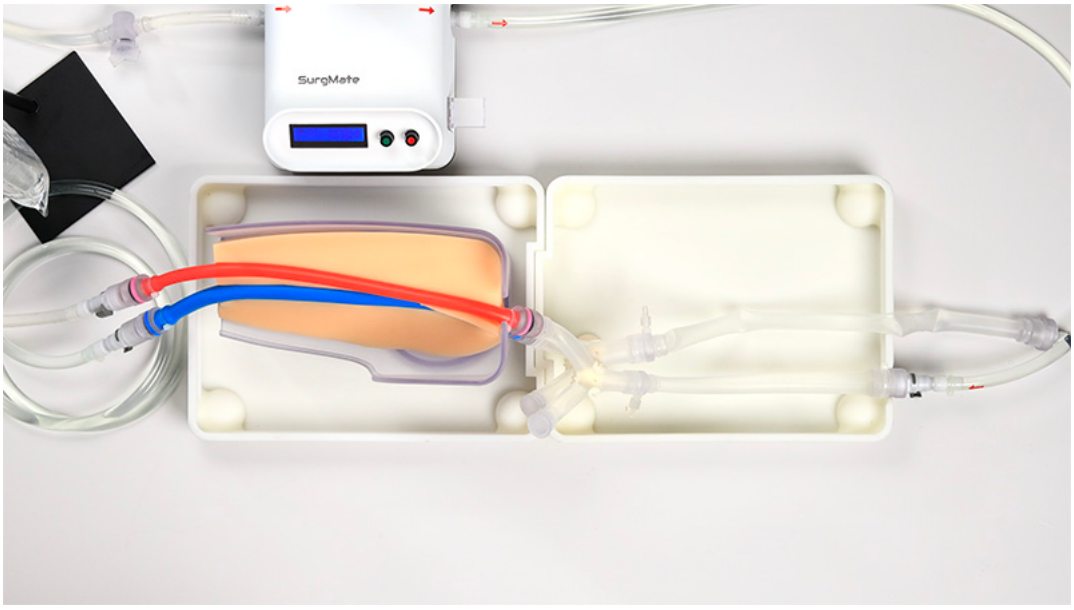
3. Remove the inguinal muscle pad.

4. Place the venous circulation.



Attention:
Venous bifurcation on lower vessel base and femoral vein on lower groove.

5. Place the arterial circulation.



Attention:
Arterial bifurcation on upper vessel base and femoral artery on upper groove.

6. Replace the inguinal muscle pad and start training.