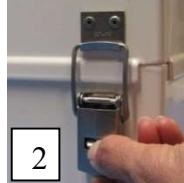


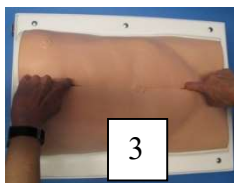
AORTIC SIMULATOR USER MANUAL



1 Aortic simulator – Aluminium box



2 push the release button and lift up the lock



3 grasp under the skin at both ends of the incision and lift up the cover



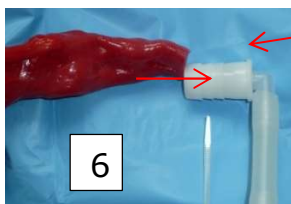
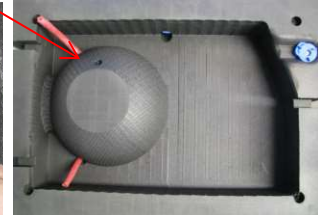
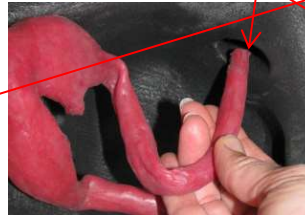
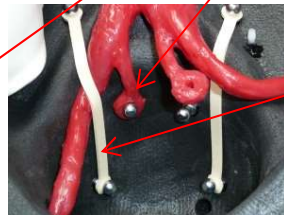
4 fold over small intestine & colon



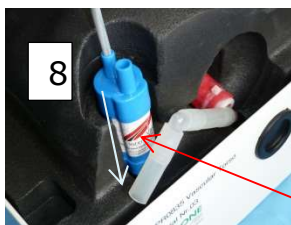
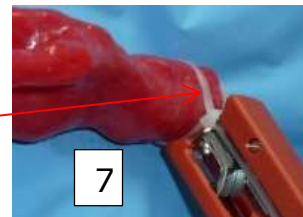
opening to fill in water



5 lay the aortic inlay into the abdomen, push the O-rings over the fixing knob to the foam, pull the femoralis legs through under the urethras into the prepared openings (both sides)

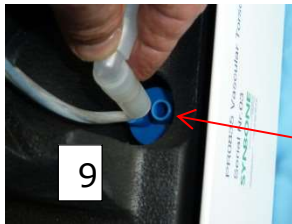


Pull the cranial end of the aortic inlay on to the connector and fix it with a cable tie



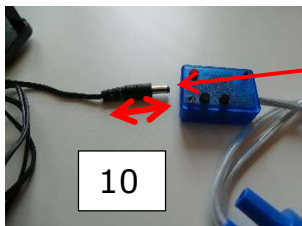
8 push the pulsatile pump completely down to the bottom in the vertical opening of the black foam... and pull the control unit from inside out through the opening of the box





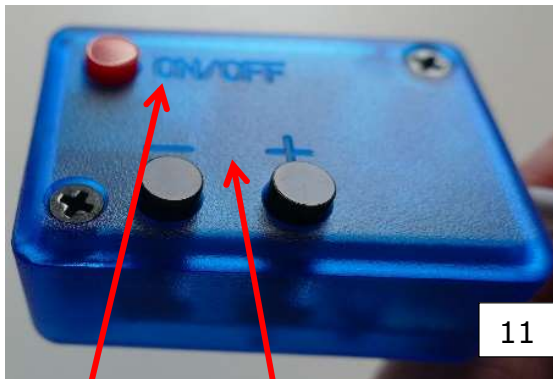
9

9 push the other end of the aortic inlay connector on to the pump



10

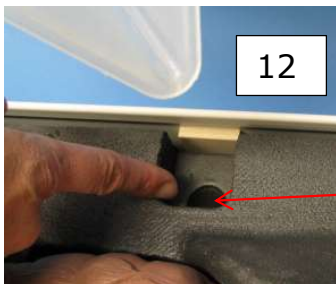
10 connect the slim plug of the power supply to the control unit and choose the plug matching your electrical system, then connect it to the electrical power source



11

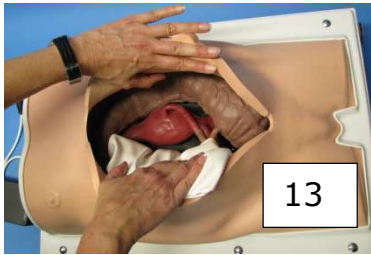


11 this control unit does start/stop the pump (red button: on/off)
 With the - button you may reduce the pump performance, while you can increase the performance by putting the + button
 If you push down both buttons - and + at the same time, your pump will change to the vein modus (continuous flow), when you push down both buttons again, your pump will change back to the pulsatile modus
 Once you pulled out the electric wire, the pump control unit will fall back into its default setting: pulsatile modus of about 70% of its maximum performance

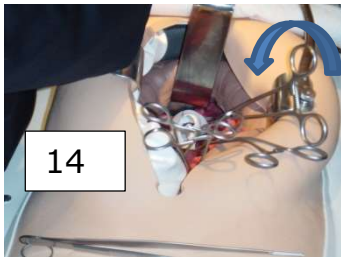


12

12 fill in about 3 l (1 Gallon) of water before closing the skin cover



13 put the skin cover on to the box now



14 bring the abdominal wall retractor into position (bend the „skin“downwards).

Start the pump.

your model – patient is now ready for the procedure.

Important information

1. the Pump shall never run dry (noisy): do immediately put it off or fill water into the model, until the noise is gone
2. after usage, dismantle the model into its single parts and let it dry. If you store the model undried and wet, mold will destroy it. This process will be irreversible.
3. leave the aorta – pump – connector after drying always within the model
4. even the pump with the pump control could remain within the model. So you will keep everything together within the box.
5. The 12 months warranty is only valid with the correct usage of the model

Never ever store a wet model

Cleaning & drying



Unfix and take apart all parts for cleaning and drying



This power adapter set includes 5 connectors plug ins for the main international electric systems. It transformes power of 100V – 240V to 12 V
Slide down to unlock the connector
Put in the requested connector with the smaller hook upwards and press it down



The pump is fixed to the control unit.

Please make sure, the control unit is always kept dry. The case of the control unit is not waterproof. Dipped in the water will destroy it.

It is recommended to put all parts together when dry.

This simulator has been used successfully at various VASCULAR INTERNATIONAL hands-on courses as well as for the UEMS exams.

All parts/pieces may be repurchased and replaced.