Mobius Retractor

The use of a Mobius Elastic Retractor, while not required or provided, will extend the life of the model.
Parts List

A. Back plate
B. Quick release pin
C. Fill tubes
D. Squeeze pumps
E. Extra screws
F. Simulator bags
G. Fill bags (blood, lube)
H. Pressure sleeve
I. Intestines
J. Uterine/pelvic lock
K. Screws
L. Uterus
M. Abdominal insert
Not pictured – screwdriver

(Post Partum Hemorrhage Simulator)
Installing Uterus

Lubricate uterus for insertion

Identify hole in abdominal lining

Insert blood tube from uterus into hole

Iteratively and gently pull tube through as you push uterus into position. Alternate from one side to the other. Lubricating tube will ease insertion.

Uterus shown in good position

(Post Partum Hemorrhage Simulator)
Installing Uterus (cont.)

Continue sliding uterus down while gently pulling tubes...

...until uterus is in place

Push uterus into pelvis

seat the uterus

Check that tube is not kinked

Snap connect uterine blood flow tubes

(Post Partum Hemorrhage Simulator)
Installing Uterus (cont.)

Image of connected blood flow tubes

Gently pull tubes from back until taut

Tuck tubes behind tissue

Position uterine/pelvic anchor

Align anchor posts with holes

Attach with T9 torx screws. Do not cross threads or overtighten.
Adding Intestines and Abdominal Wall

Place intestines in abdominal cavity

Locate attachment points on abdominal wall ring

Location of placement of attachment points

Position abdominal wall, slide attachment points under location of placement.

Insert quick release pin through frame

To remove abdominal wall, push the blue button on the quick release pin, extract pin and slide abdominal wall down.

(Post Partum Hemorrhage Simulator)
Infusing with blood or lubricant

Open back plate and locate fill ports

Snap connect to fill port

Connect fill tube with IV fill bag

Place IV fill bag into pressure sleeve

To infuse:

• Close (turn to right) flow control knobs
• Put internal reservoir hand-squeeze pump in deflate (left) position
• Pump pressure cuff until blood/lube IV bag is empty
• Detach from fill port
• Release pressure on cuff

(Post Partum Hemorrhage Simulator)
Pressurizing Internal Fluid Reservoir

Turn flow control OFF (turn right)  
Set hand squeeze pump to “inflate”

Pump hand squeeze pump...

...until pressure gauge shows green stripe

(Post Partum Hemorrhage Simulator)
Lubricating and Bleeding

To lube, open valve and distribute lube in abdominal cavity around uterus with hand through abdominal opening. Close valve.

For arterial blood flow, turn blood flow valve to the left. Note: a ¼ turn will provide strong blood flow. There is a separate valve on each side of the simulator.
Disassembly, Cleaning and Storage

Removing fluids from internal reservoirs.
• Turn off flow control valves
• Pressurize internal reservoir
• Insert fill tube IV spike into empty IV bag
• Attach fill tube connector to fluid port to extract fluid

Flushing internal fluid reservoirs
Follow the same process for infusing model with blood or lube, substituting water or a mix of water and mild soap

Cleaning
All parts of the model can be cleaned with water or water with a mild soap. Do not store the model overnight without washing, and wash and dry thoroughly before storage. Note the entire model can be hosed down.

Storage
All fluid should be removed from the internal reservoirs, and the system should be flushed with water before storage. Surface areas, including the inside compartment housing the infusion ports, should be cleaned and dried before storage.
Technical Support:

* Simulators must be serviced by qualified OEI technicians only*

OEI Office: 410-287-5748 x 302
Chief Engineer: 443-373-6815
Chief Operating Officer: 443-691-5179
Chief Executive Officer, Robert Buckman, Jr., M.D. 484-557-8876

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Disclosure

To prevent electronic and mechanical system failures, please comply with the instructions included in this manual.

Infuse manikin with supplied or approved simulated blood and fluids only.

* FAILURE TO COMPLY COULD RESULT IN CATASTROPHIC SYSTEM FAILURE*
# Post Partum Hemorrhage Trainer

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