



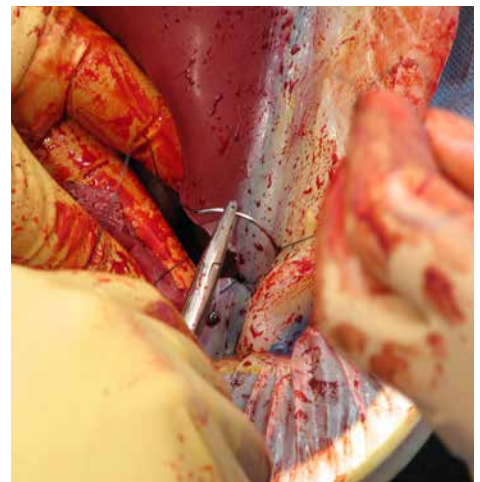
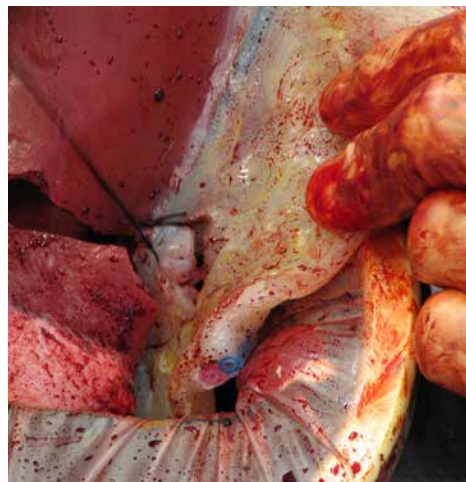
Emergency Obstetrics
Simulation Suite

Postpartum Hemorrhage
Control Simulator

Product Number: OB-100-2000

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Important Information

GENERAL WARNINGS

Warning: A poorly lubricated uterus may damage the Simulator during operation.

Only use the lubricant and simulated blood supplied with this product. Use of non-recommended fluid products may weaken or damage the simulator.

Lubrication is key to the usage of this product; inadequate lubrication could lead to tears or other damage to silicone parts. Apply at least 2-3 squirts of lubrication to the uterus before use.

It is vitally important that after each training session all lubrication is cleaned with a warm damp cloth. You can also use baby wipes to wipe away any excess lubricant.

Warning: Sharp objects, excessive force, or using non-OEI products can scratch, tear or damage the simulator.

Gloves should always be worn, and all jewelry items should be removed. Sharp surfaces such as finger nails and rings can sometimes lead to damage of silicone parts.

WARRANTY INFORMATION

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INTRODUCTION

The Postpartum Hemorrhage Control Simulator is an open abdomen simulator for practicing various hemorrhage control techniques for repair of complex lacerations and uterine artery injuries.

Pressurized bleeding system

Open abdomen with empty, durable, multi-use uterus enables scores of procedures before uterus placement

Supports hemorrhage control techniques including Bakri Balloon, B-Lynch suture, Hayman suture and O'Leary Stitch

Skills Taught

■ Repair of complex lacerations and uterine artery injuries.

■ Teamwork and human factors training in emergency Caesarean procedures.

Items Included

| | | | |
|--|--------|---|--------|
| 1 Simulator Base Assembly Part Number: PPH OB-100-2000 | Qty: 1 | 6 Bag of Fake Blood Part Number: OB-100-0750 | Qty: 1 |
| 2 Open Abdomen Part Number: OB-050-2500 | Qty: 1 | 7 Intestines Part Number: OB-050-0300 | Qty: 1 |
| 3 Hemorrhage Control Multi-Use Uterus Part Number: OB-100-2200 | Qty: 2 | 8 Spare Hardware Kit Part Number: OB-100-2400 | Qty: 1 |
| 4 Silicone Glue Part Number OB-050-0998 | Qty: 1 | 9 Pressure Infuser Bag Part Number: OB-050-0400 | Qty: 1 |
| 5 Lubricant, 16oz/473ml bottle Part Number: 220007 | Qty: 1 | | |



Unpacking and Assembly

NOTE: Use caution when opening the shipping carton, as this is the preferred storage container. Damage to the container could result in an inability to store it properly, leading to damage of the simulator and accessories.

C-Celia comes in a specially designed carton with cutouts in the internal foam that provide for placement of all parts and accessories. Keep all original shipping materials, including boxes.

When unpacking C-Celia for the first time, careful use of a box cutter protects both the packaging and the product.

It is recommended that you reserve a space approximately 24in/60cm by 72in/183cm into which you can place the contents of shipping carton. Remove each item in the carton and verify on the shipping paperwork that everything is included.

Directions for Use

Preparing the Simulator

Prior to simulating a procedure, the simulator needs to be fully lubricated.

Using the lube provided, generously apply lube to all areas of the abdominal cavity using your hands.



Install Uterus



1 Lube uterus before inserting.



2 Locate blood connector in the abdomen.



3 Connect abdomen tube to the tube fitting on the uterus.



4 Once connected, apply lube to the tubing and feed the tubing and the connectors back through the hole.

Install Uterus - continued



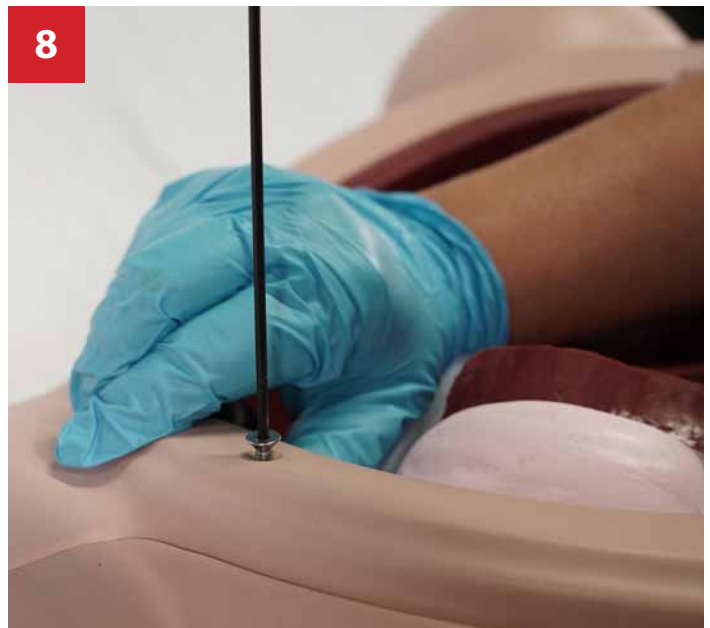
Carefully slide the uterus in place by pushing uterus into the pelvis.



Place the clip rods into the guide holes in the uterus.



Once the clip is in the uterus push the clip under the Simulator trim and align the screw holes.



Using provided screws and screwdriver, screw the clip into place. Do not over tighten or cross thread.

Adding Intestines and Open Abdomen



1
Lubricate and place the intestines into the abdomen cavity under the uterus.



2a
Slide the pin at the bottom of the abdomen into the slot on the uterus clip to lock into place.



2b
3
Position the abdomen over the simulator and feed the Velcro through the slit in the back.

Infusing with Fake Blood



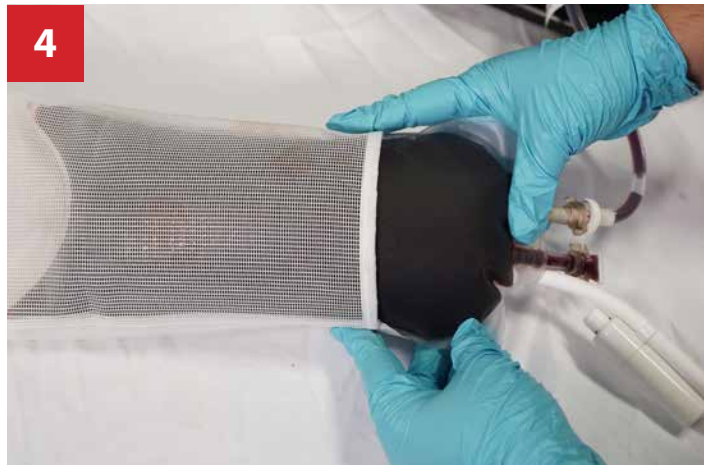
Remove the back door from simulator base and locate the blood fill port.



Connect the blood fill tube to the filled IV bag.



Connect the blood bag to the fill port.



Place the blood bag into the pressure infuser sleeve.

To Infuse:



Close (turn to right) flow control knobs.



Put internal reservoir hand-squeeze pump in deflate (left) position.

To Infuse (continued):



5 Pump pressure cuff until blood IV bag is empty.



6 Detach from fill port and release pressure on cuff.

Pressurize Internal Fluid Reservoir



1 Turn flow control OFF (turn right) Set hand-squeeze pump to inflate



2 Pump hand-squeeze pump until pressure gauge shows green stripe.

Bleeding the Simulator



2 For arterial blood flow, turn blood flow valve to the left. Note a 1/4 turn will provide strong flow. There is a separate valve on each side of the simulator base.

Care and Maintenance

Surface

Use only on clean surface. Avoid felt tipped markers, ink pens, acetone, iodine or other staining products and avoid placing the module/manikin on newsprint or inked lines of any kind.

Lubrication

Cottonseed Oil should be used liberally to lubricate both the uterus and the inside of the abdominal cavity.

Storage

All fluid should be removed from the abdominal cavity before storage. All surface areas should be cleaned and dried before storage.

Cleaning

Simulators should be wiped clean with a solution of mild soap and water. Clean with mild soap and water; do not submerge simulator, module or parts in cleaning fluids or water. The entire model can be rinsed using a hose. Parts should be drained and air-dried thoroughly before storage and disinfected when needed.

Replacement Parts

| Description | Part Number |
|-------------------------------------|-------------|
| Hemorrhage Control Multi Use Uterus | OB-100-2200 |
| Intestines | OB-050-0300 |
| Bag of Fake Blood | OB-100-0750 |
| Lubricant | 220007 |
| Shell Door | OB-300-2005 |
| Uterus Holder Clip | OB-300-2008 |
| OB Spare Parts Kit | OB-100-2400 |

Customer Support

Simulators must be serviced by qualified OEI technicians only.

To schedule service, contact:

Operative Experience Inc.

500 Principio Parkway West, Suite 900

North East, MD 21901

Phone: 410-287-5748

Email: support@operativeexperience.com

