



# User Guide: Surgical Female Pelvic Trainer (SFPT)

Part No: 60251



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# Surgical Female Pelvic Trainer (SFPT)

Part No: **60251**

The new Surgical Female Pelvic Trainer (SFPT) is a simulator for training in a wide range of laparoscopic gynaecological surgical techniques and procedures. The uterus component can be easily removed and replaced after use.

## Skills Gained:

- Salpingectomy
- Salpingostomy
- Myomectomy
- Cystectomy
- Hysterectomy
- Oophorectomy
- Dissection down to and location of ureters
- Insertion and use of uterine manipulator
- Working with various gynaecology instruments
- Identification of anatomical landmarks

## You'll Receive:

- **60252** 1 SFPT Surgical Uterus
- **60253** 1 SFPT Abdominal Skin Pad
- **60254** 1 SFPT Perineum
- 1 Abdominal Support
- 1 Abdominal Shell
- 1 Bowel

## + Consumables:

- 60256** SFPT Uterus (pack of 5)
- 60257** SFPT Uterus (pack of 10)

## Product Qualities:



- Insufflation of abdomen is represented
- Provides practice and role playing for gynaecological perioperative teams
- Includes a realistic vaginal canal and cervix for inspection, in which a uterine manipulator can be used
- Compatible for use with harmonic scalpels
- Realistic bleeding when arteries are cut

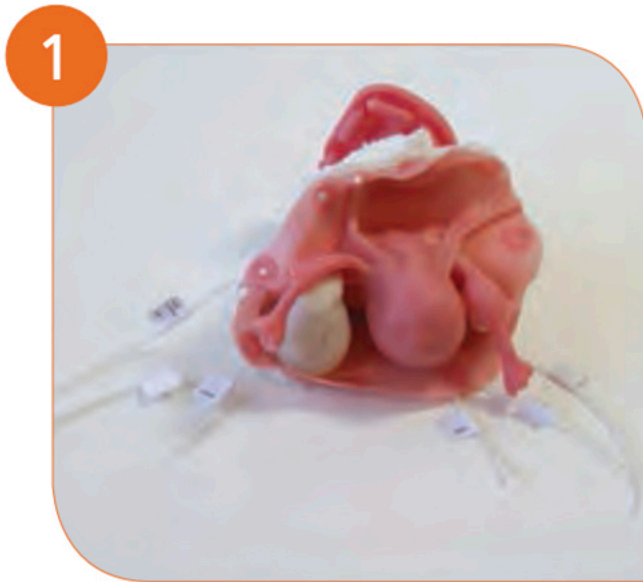


- Uterus
- Vagina
- Cervix
- External Introitus
- Bladder
- Fallopian Tube
- Ovaries
- Broad Ligament
- Ureters
- Uterine Artery
- Ovarian Artery
- Pouch of Douglas
- Dunns Pouch
- Bowel and Sigmoid
- Ovarian Cyst
- Ectopic Pregnancy
- Fibroid
- Uterosacral Ligament
- Cardinal Ligament
- Abdominal Skin with realistic pressure needed to insert Cannula
- Pelvic Floor with sympathetic features

## Components

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The SFPT units will arrive with one uterus in situ, together with a blood bag packed under the belly skin.



SFPT Uterus



SFPT Bowel



SFPT Abdominal Skin Pad



SFPT Perineum



Blood Starter Kit



SFPT Abdomen



SFPT Mock Blood Kit  
(includes reservoir and pump)



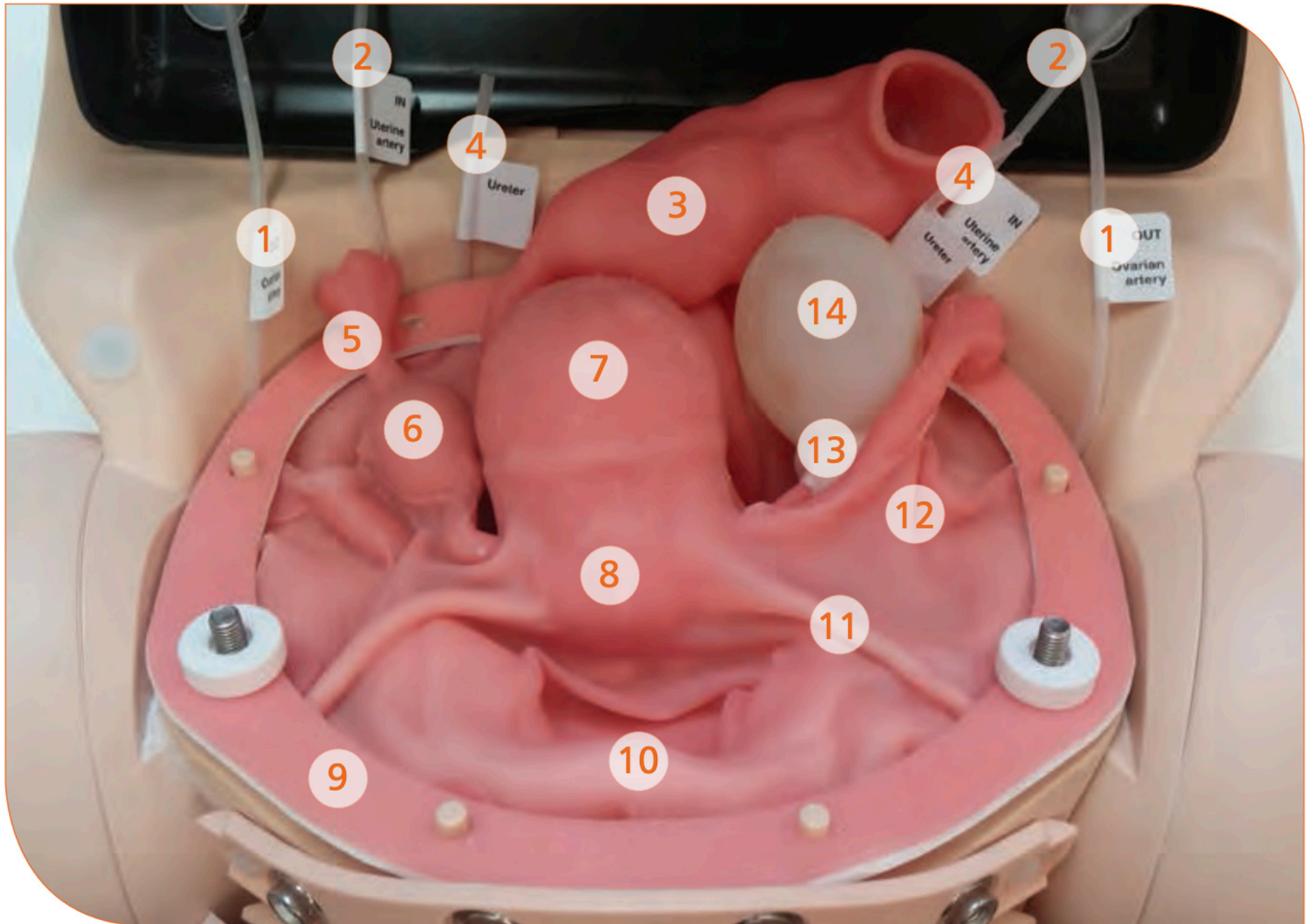
Blunt Dispensing Needle and Syringe



Complete SFPT

## Components in Situ

Anatomy of the SFPT Uterus.



- |   |                |    |                             |
|---|----------------|----|-----------------------------|
| 1 | Ovarian Artery | 8  | Uterus                      |
| 2 | Uterine Artery | 9  | Pelvic Ring                 |
| 3 | Bowel          | 10 | Bladder (hidden underneath) |
| 4 | Uterers        | 11 | Round Ligament              |
| 5 | Fallopian Tube | 12 | Broad Ligament              |
| 6 | Ectopic        | 13 | Ovary                       |
| 7 | Fibroid        | 14 | Ovarian Cyst                |

## Removing Abdomen to Access the Uterus

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1



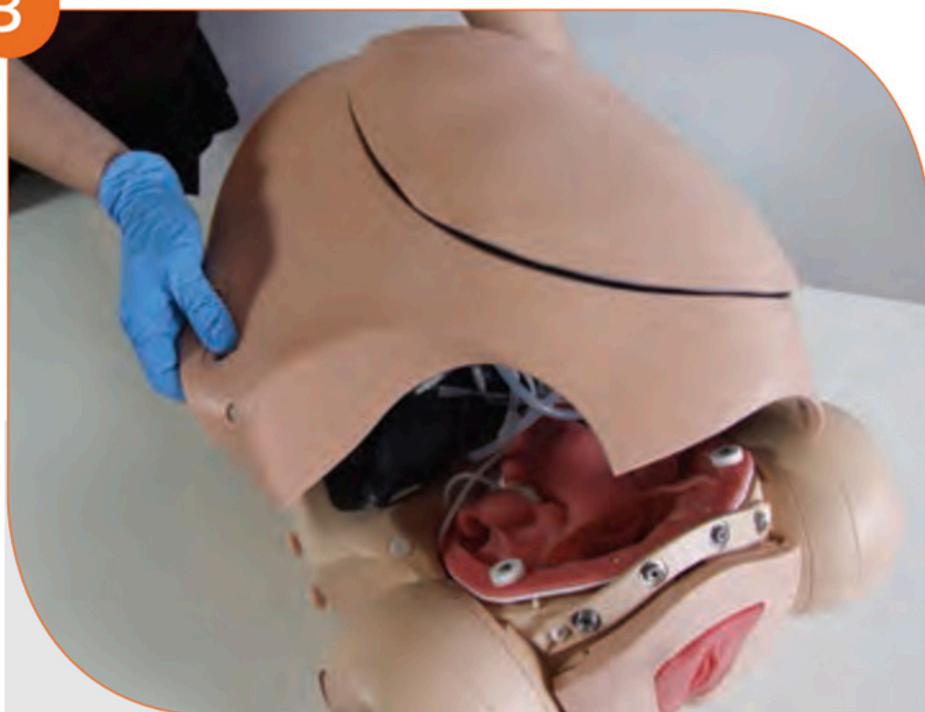
Undo three attachments of each side

2



Unclip popper fasteners above the perineum

3



Holding both sides of the skin carefully lift it free from base

## Preparing the Uterus on First Use



Unscrew the 2 white turn screws on the top of the pelvic clamp



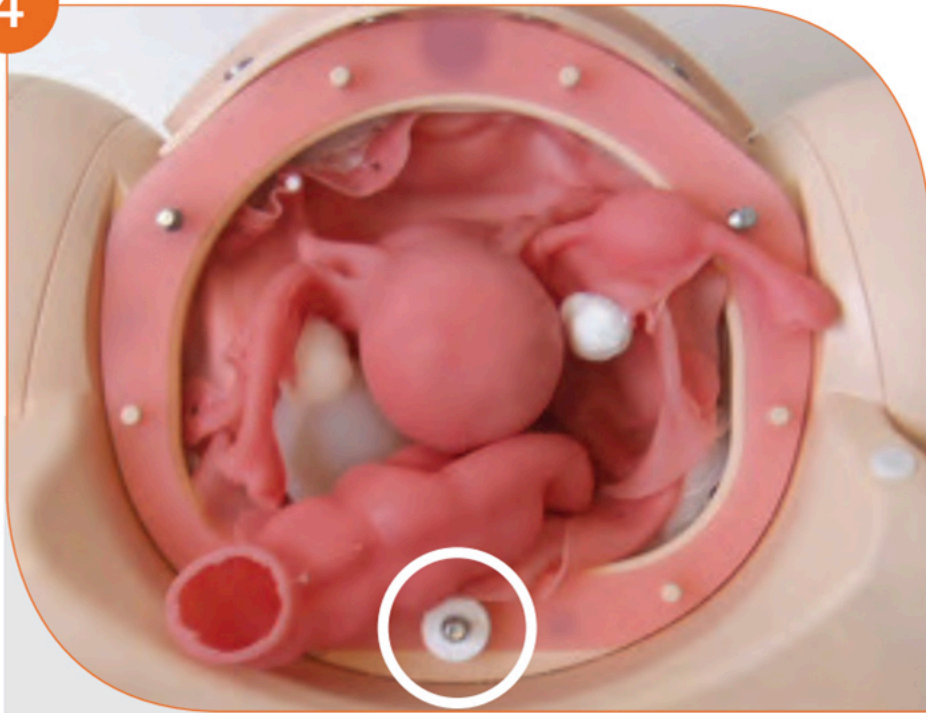
Remove the label from the model



Remove paper wrapping from the uterus

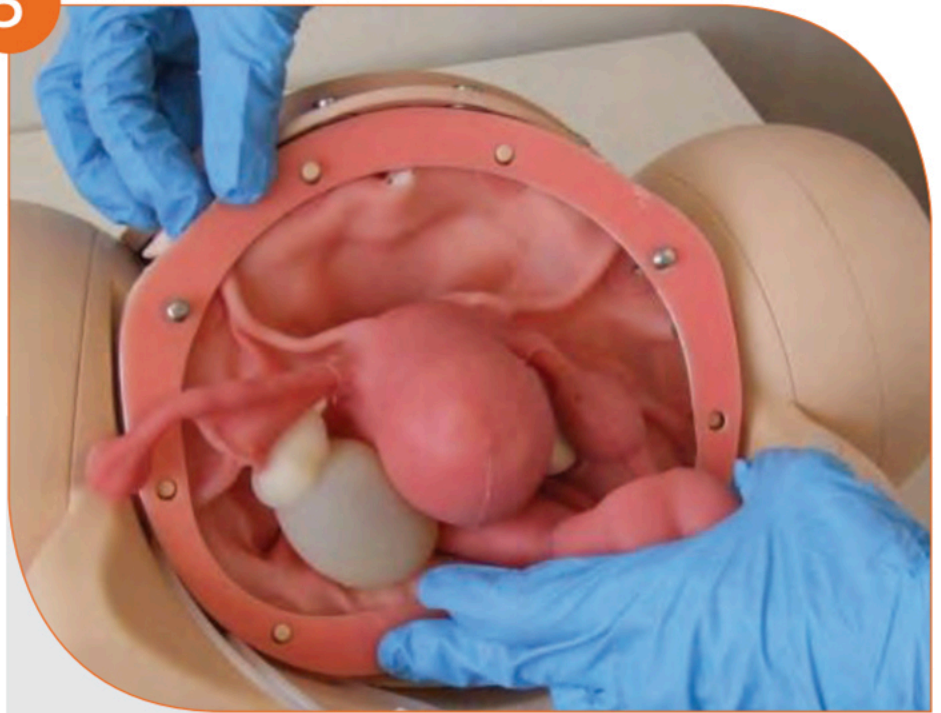
## Preparing the Uterus on First Use (contd.)

4



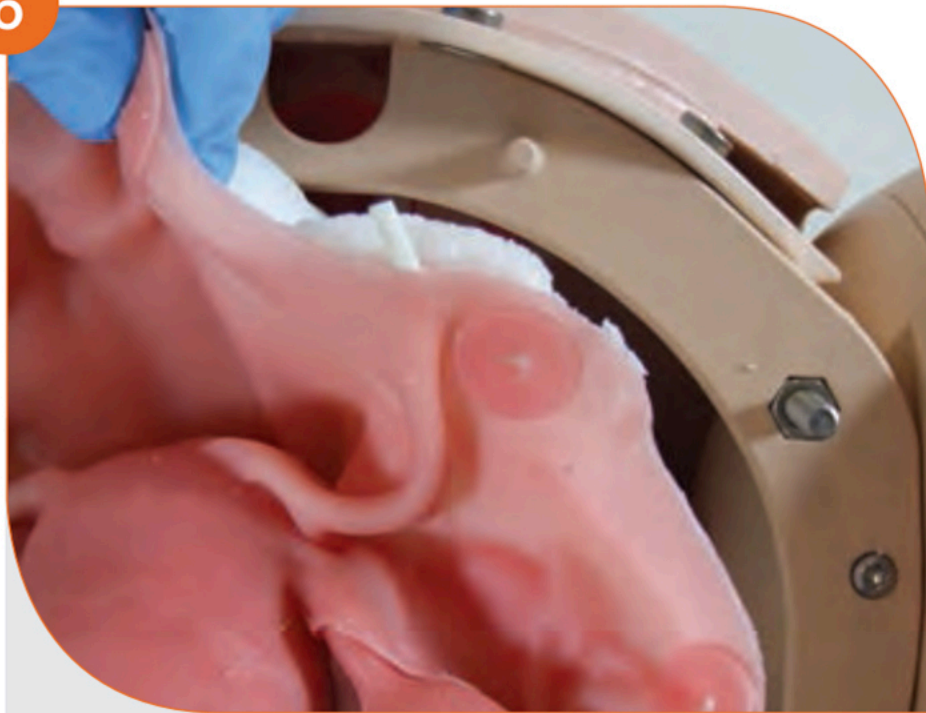
Unscrew the remaining white turn screw at the bottom of the pelvic clamp

5



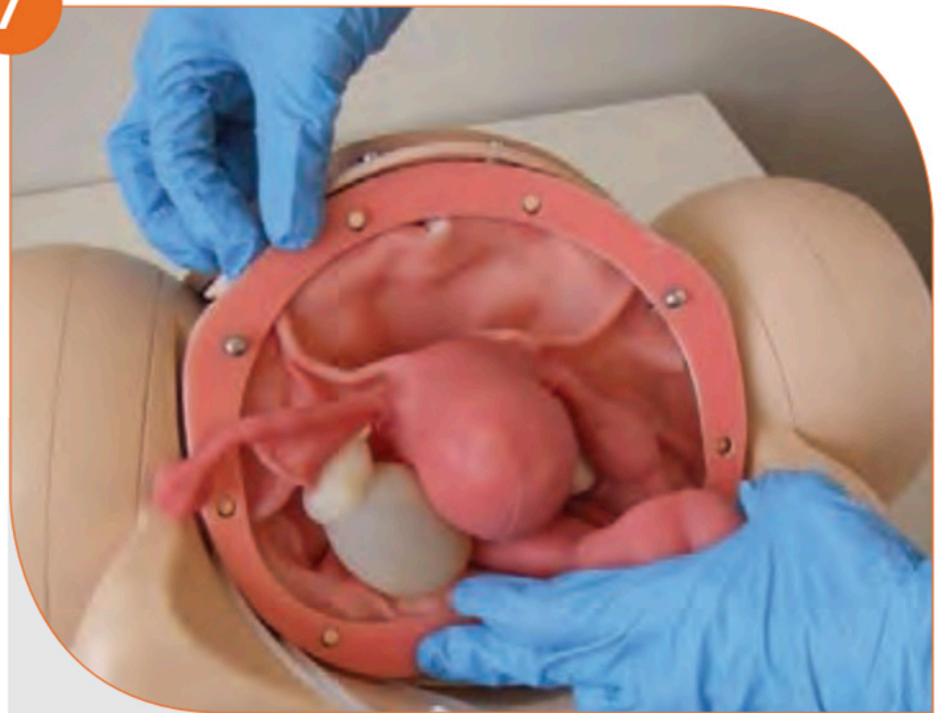
Remove the pelvic ring clamp

6



Carefully attach the uterus to the attachment points around the perimeter

7

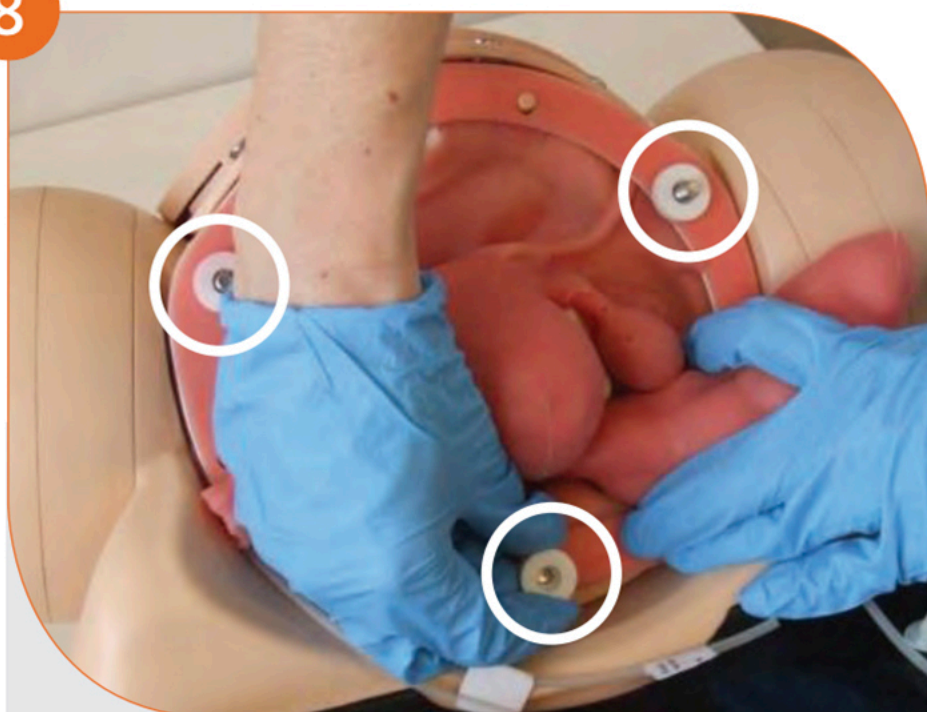


Place the pelvic ring clamp back on the model, ensuring that the uterus tubes pass underneath the clamp

## Preparing the Uterus on First Use (contd.)

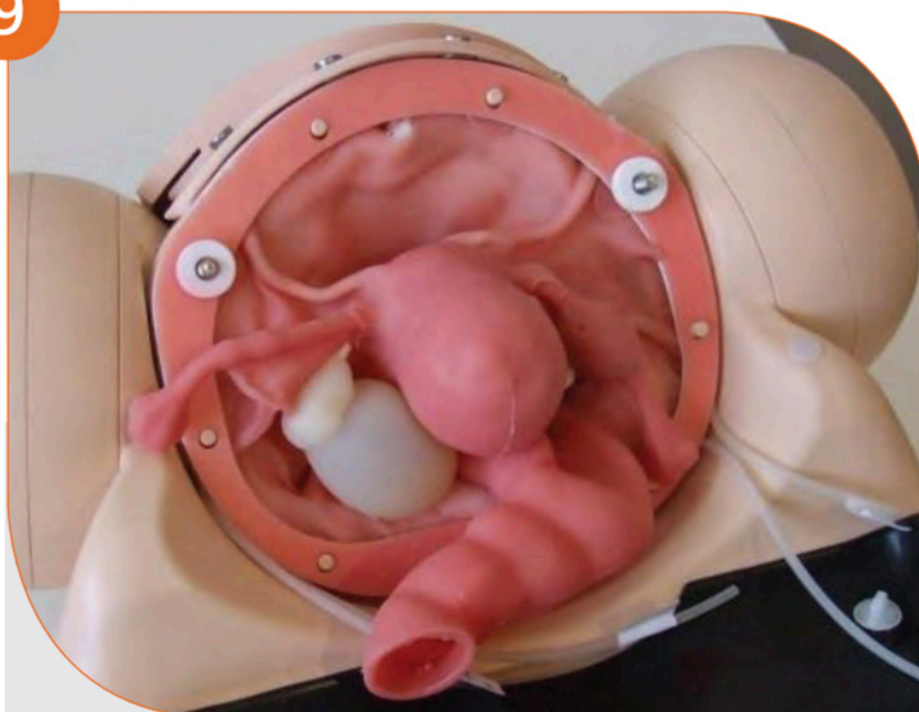
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8



Attach the 3 white turn screws

9



The uterus is now fitted

## Set up For Use

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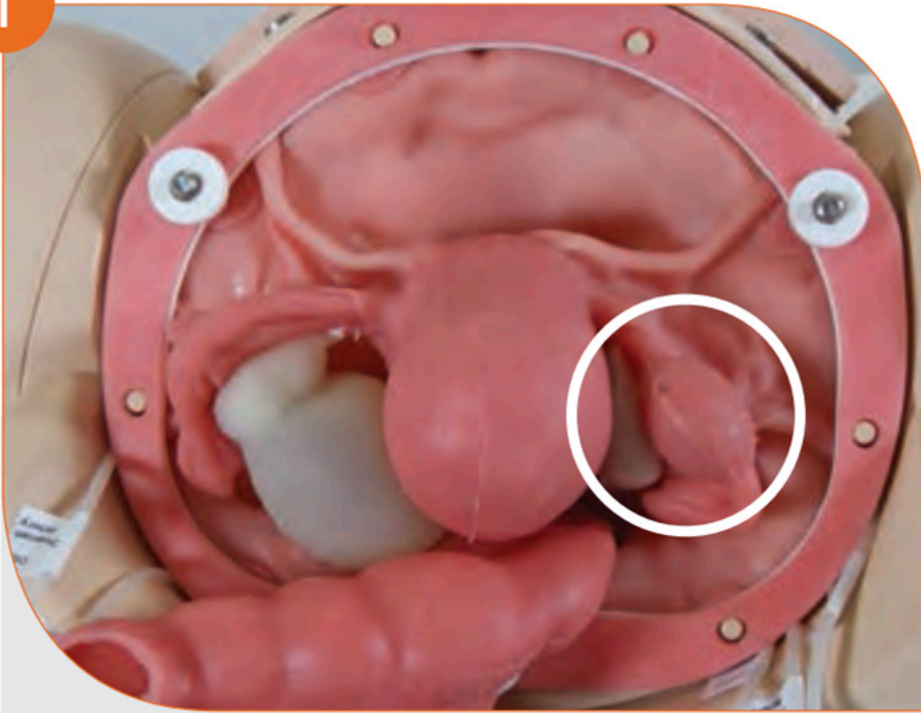
Before the product is used it is recommended that simulated blood is added to increase the realism when conducting surgical procedures.



## Adding Simulated Blood

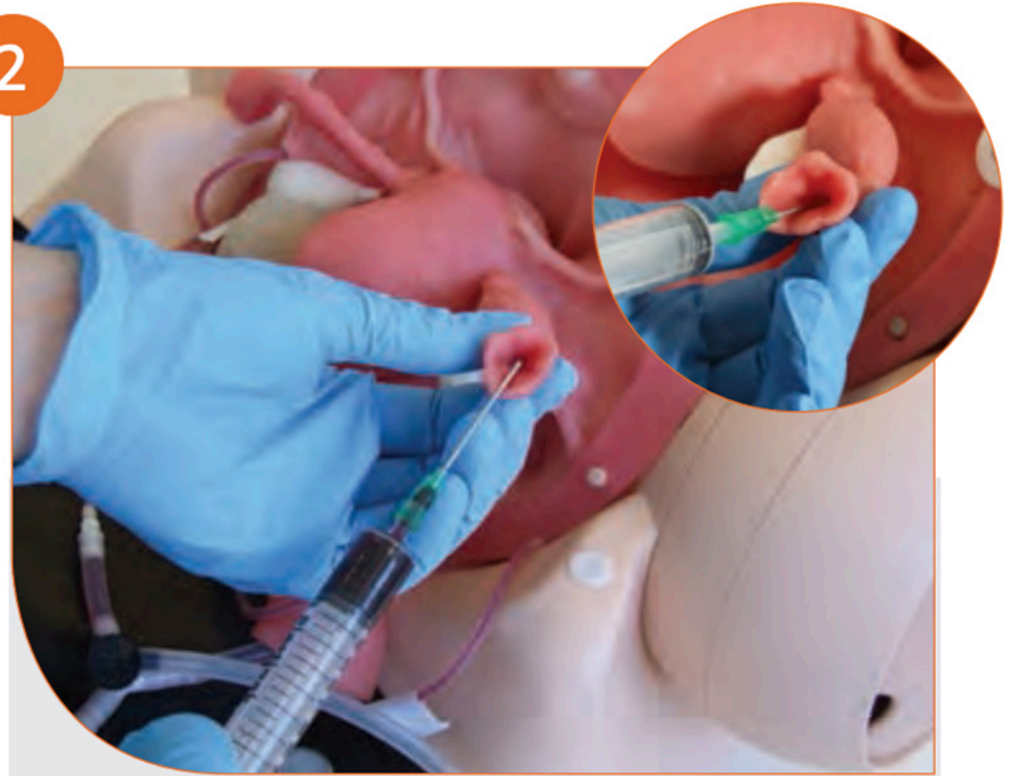
Both the fibroid and Ectopic Pregnancy are designed to have simulated blood added to them to increase the realism when surgical removal is performed. To begin, mix up the blood concentrate with the correct ratio of water (follow the instruction on the side of bottle).

1



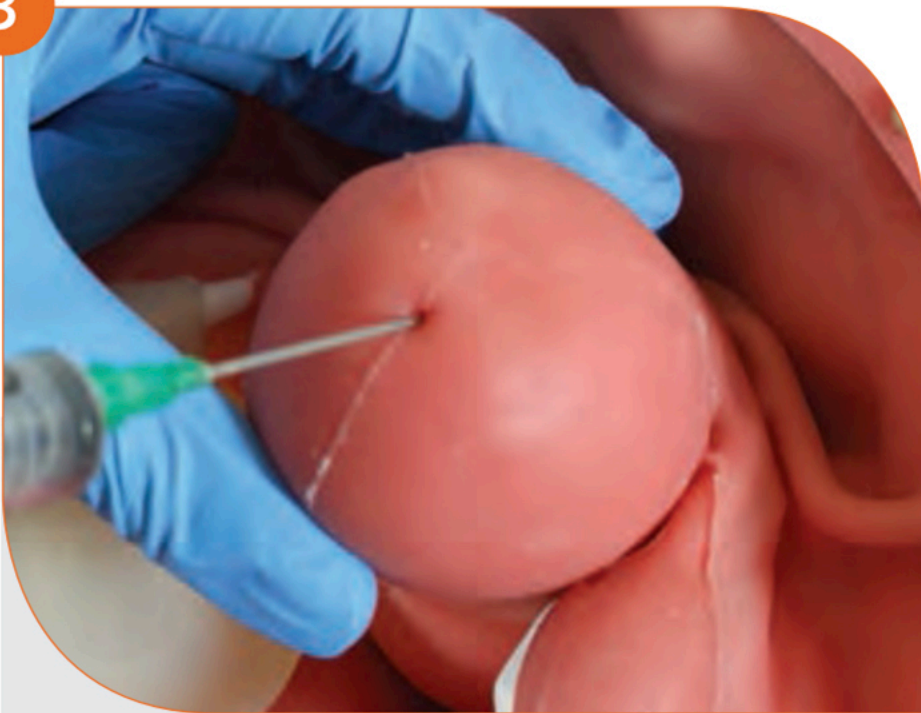
Locate the fallopian tube with ectopic pregnancy

2



Using the blunt dispensing tip supplied, carefully inject 3ml of blood into the ectopic pregnancy through the fimbriae end

3

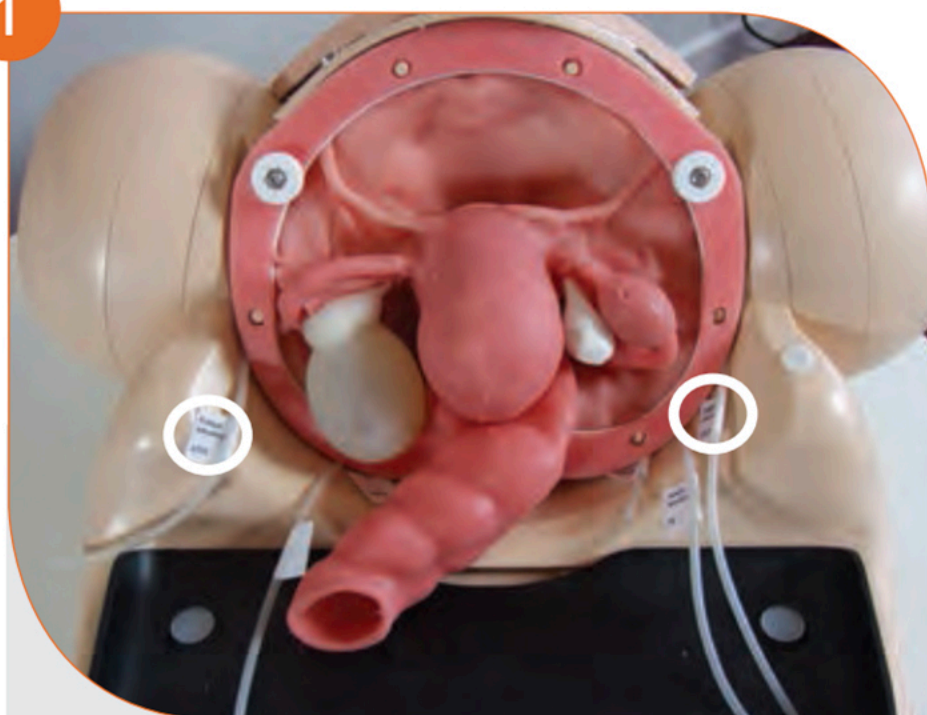


For the fibroid, use 5ml of blood and using the dispensing tip insert the blood in 5 spots around the fibroid. Be aware that this can take some force to inject into the fibroid due to its dense fibrous nature



## Setting up the Blood Supply

1



Locate the two 'out' tubes labelled 'Ovarian Artery'

2

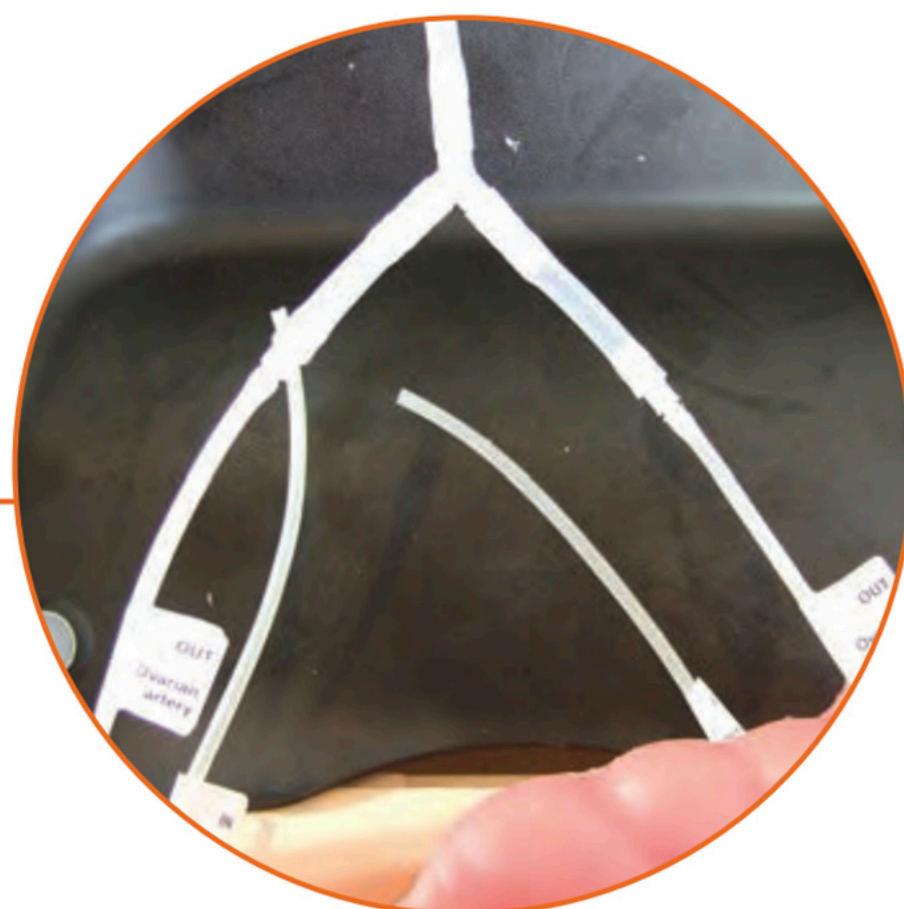


Select the blood outlet tube

3

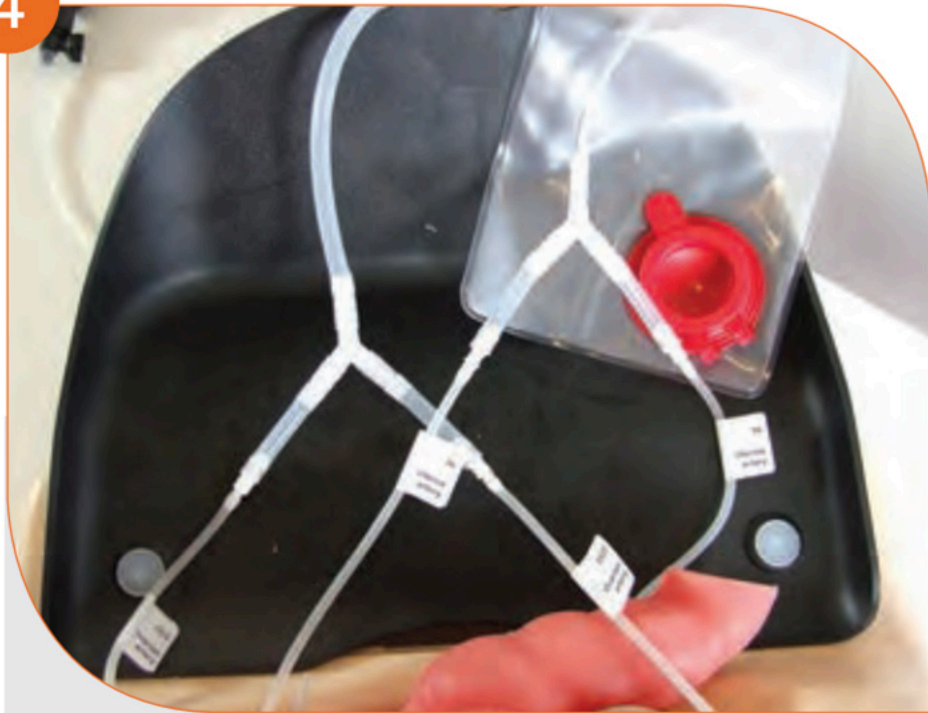


Attach both connectors at the 'y' end of tube to both of the 'out' tubes



## Setting up the Blood Supply (contd.)

4



Attach both of the 'in' tubes from the uterus (uterine artery) to the connectors on the 'y' end of the blood reservoir

5



Half fill the blood reservoir with blood

6



Tip the blood reservoir until the blood has pooled at the end nearest the outlet to the uterine artery tubes.

7



Open the white clip on the tubes connected to the ovarian arteries and place a cup under the open end.

## Setting up the Blood Supply (contd.)

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8



Using the hand pump create pressure within the blood bag which will force the blood around the circuit and back out through the ovarian artery tubing. Do not over pressurise.

9

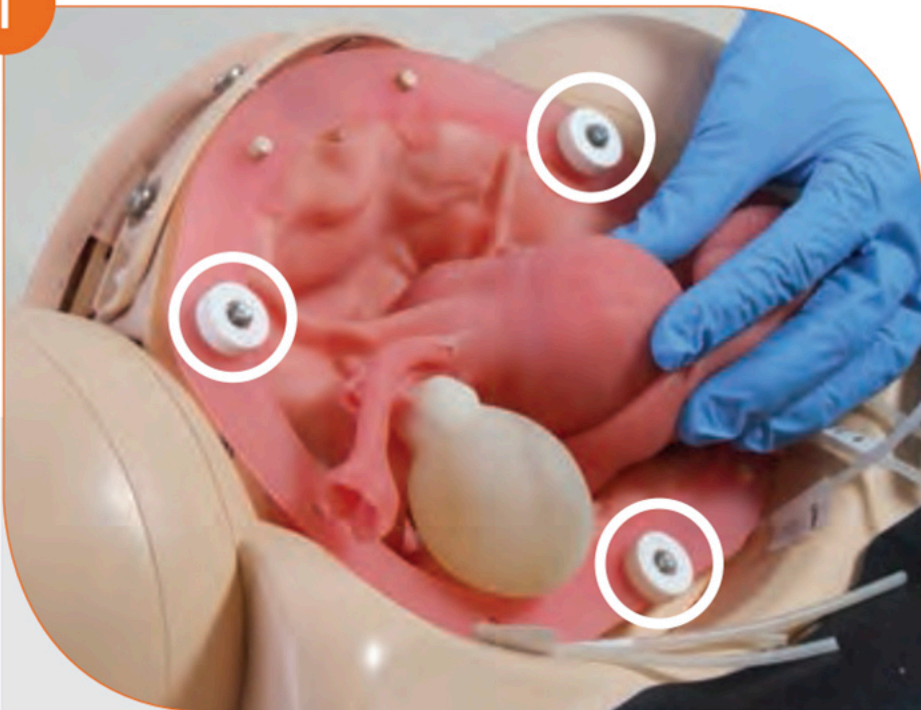


Then clamp off the larger tube when the blood has reached the white clamp. The blood system is now ready and primed.

## Removal of Used Uterus

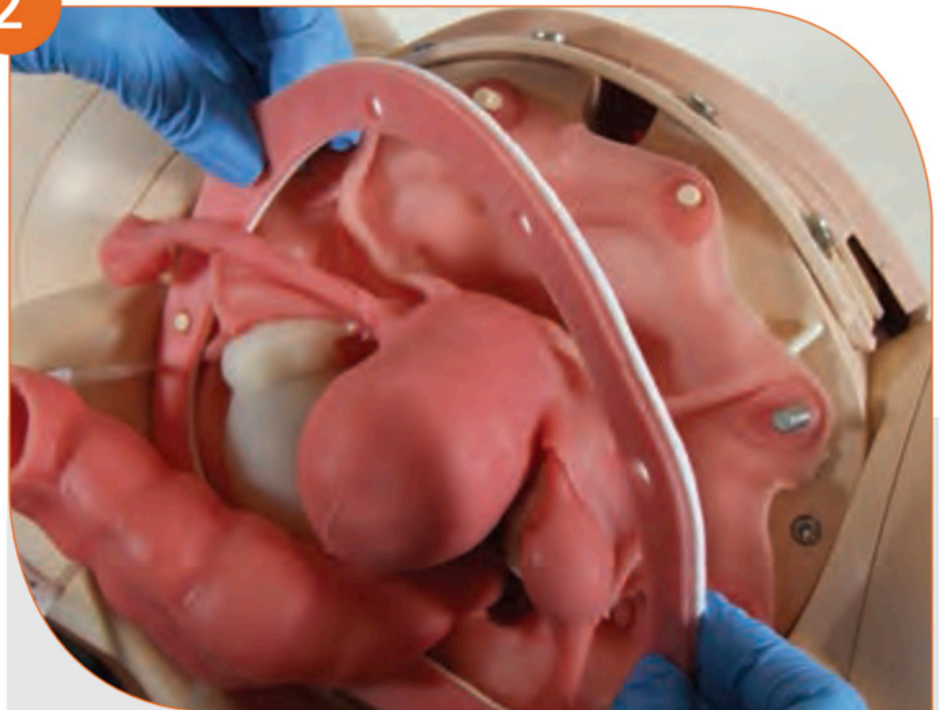
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1



First undo the three white turn screws located around the rim of the pelvis

2

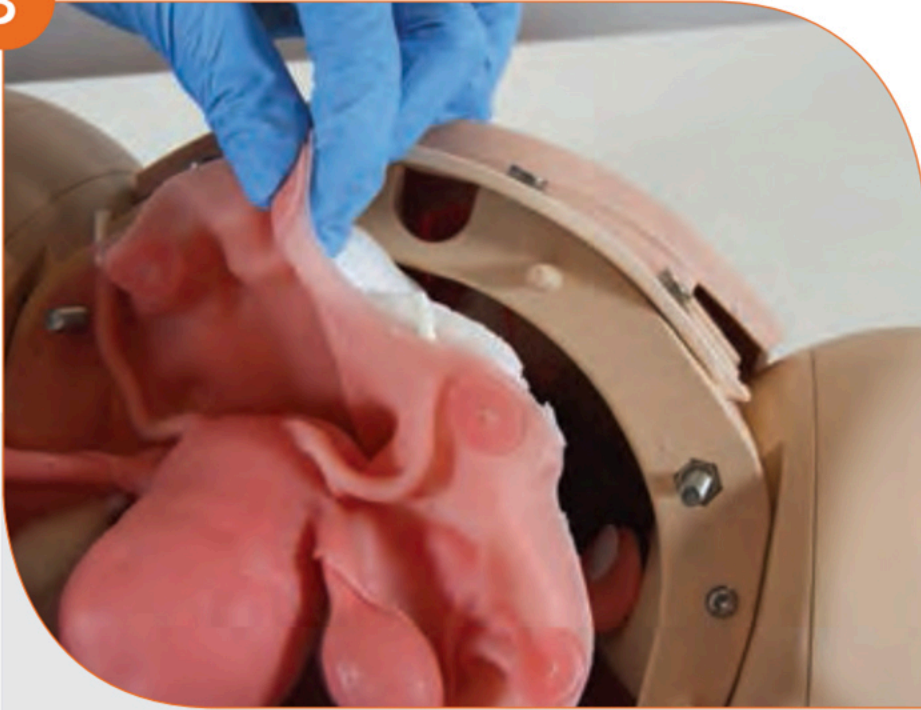


Remove pelvic ring clamp

## Removal of Used Uterus (contd.)

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3



Carefully remove uterus from attachment points around the perimeter

4



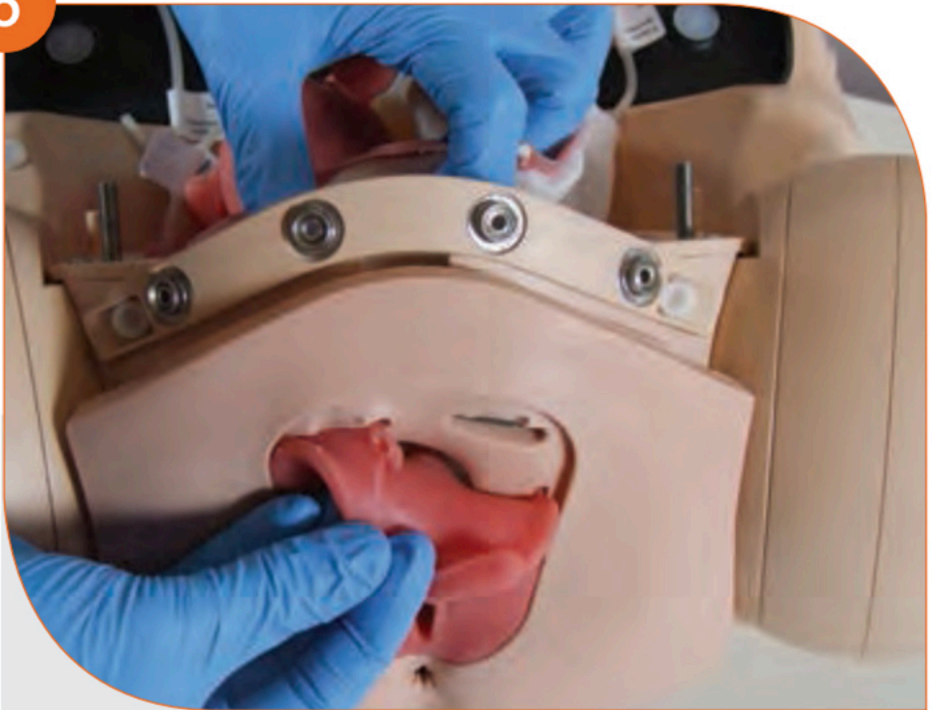
Locate the cardinal and uterosacral ligaments in the lower part of the pelvis (there are four ligaments in total, two either side)

5



Carefully remove ligaments, disconnect by gently pulling from the connectors

6

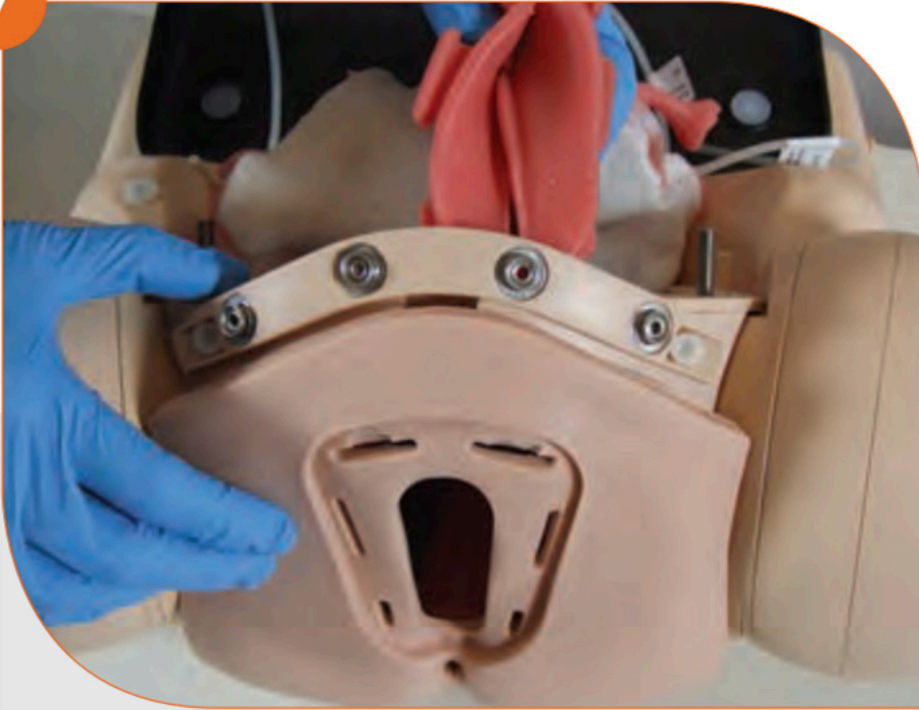


Remove vagina end from perineum

## Removal of Used Uterus (contd.)

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7



Grasping the end of the uterus with the other hand pull free from the perineum

8



The uterus must then be separated from the bowel which should remain attached to the perineum. Grasp the bowel in one hand and carefully pull the uterus section with the other hand.

## Adding / Replacing a New Uterus

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To fit a new uterus simply reverse the steps in the 'Removal of used uterus' section.

1



Unpack the new Uterus ready to fit to the SFPT

2

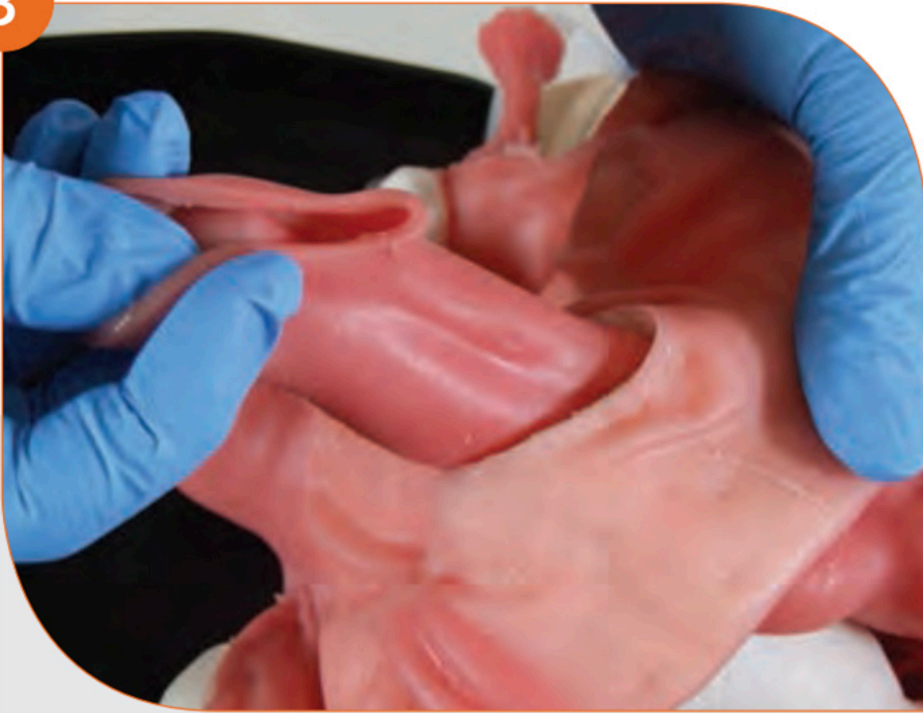


Feed the bowel through the opening in the back of the uterus

## Adding / Replacing a New Uterus (contd.)

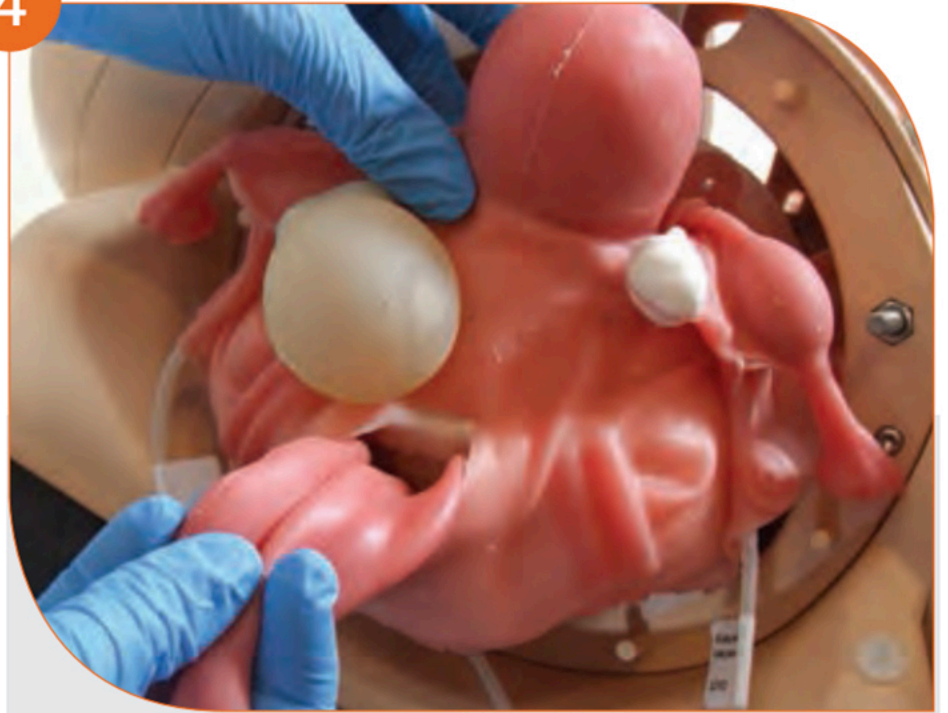
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3



With one hand holding the uterus and the other holding the bowel, begin to gently pull the bowel through the opening in the uterus

4



Keep pulling the bowel gently through until just over half of the bowel is sitting in front of the uterus

5



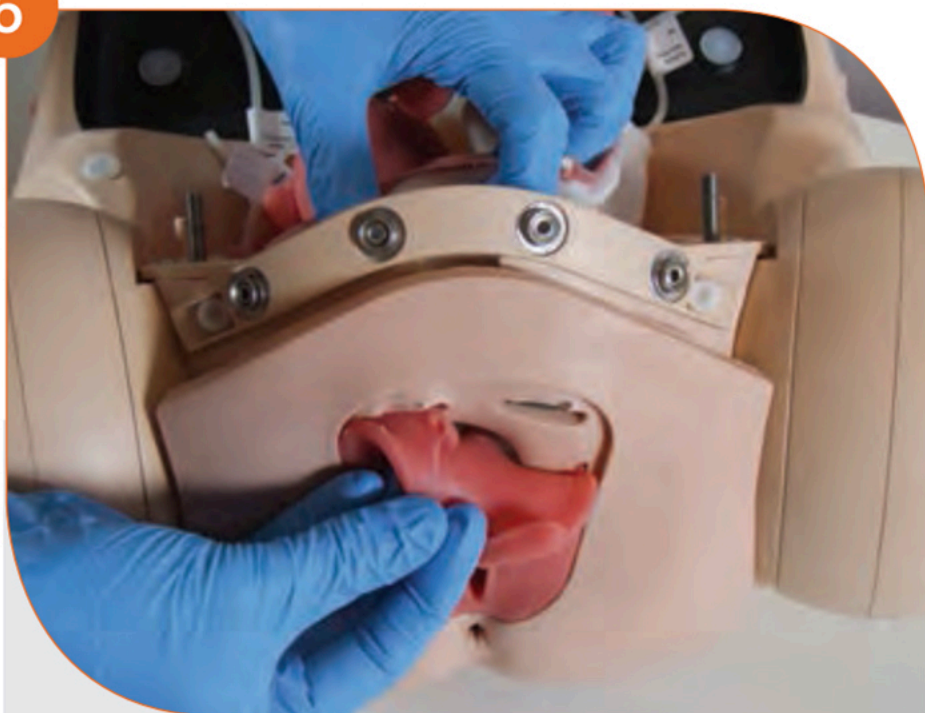
On the other side of the uterus, grasp the vaginal end of the uterus and push gently through the perineum



## Adding / Replacing a New Uterus (contd.)

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6



Attach the vaginal part to the model by pushing each vaginal tab into the securing slots on the perineum

7



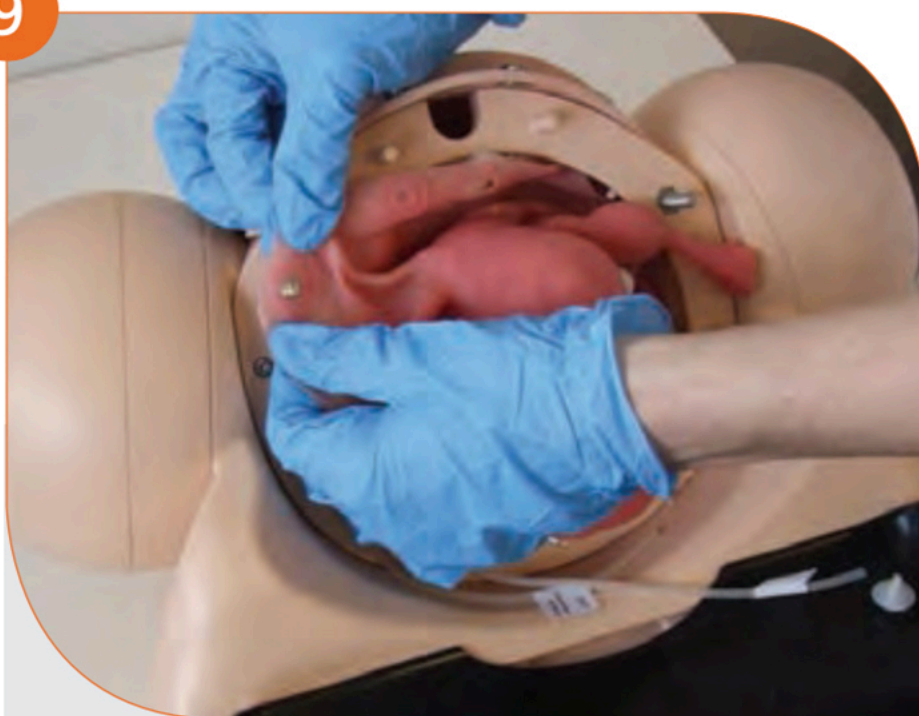
On the back of the uterus, locate the cardinal and uterosacral ligaments in the lower part of the pelvis (there are four ligaments in total, two either side), and attach to the model using the connectors

8



Press the white pegs firmly into the black securing holes

9



Attach the uterus to the attachment points around the perimeter



## Adding / Replacing a New Uterus (contd.)

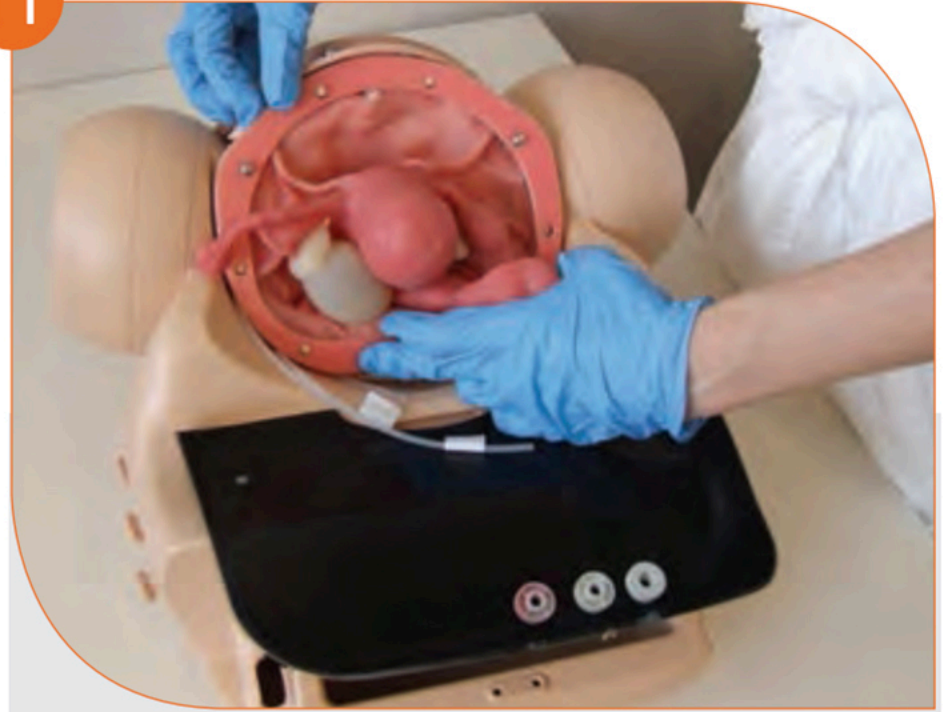
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10



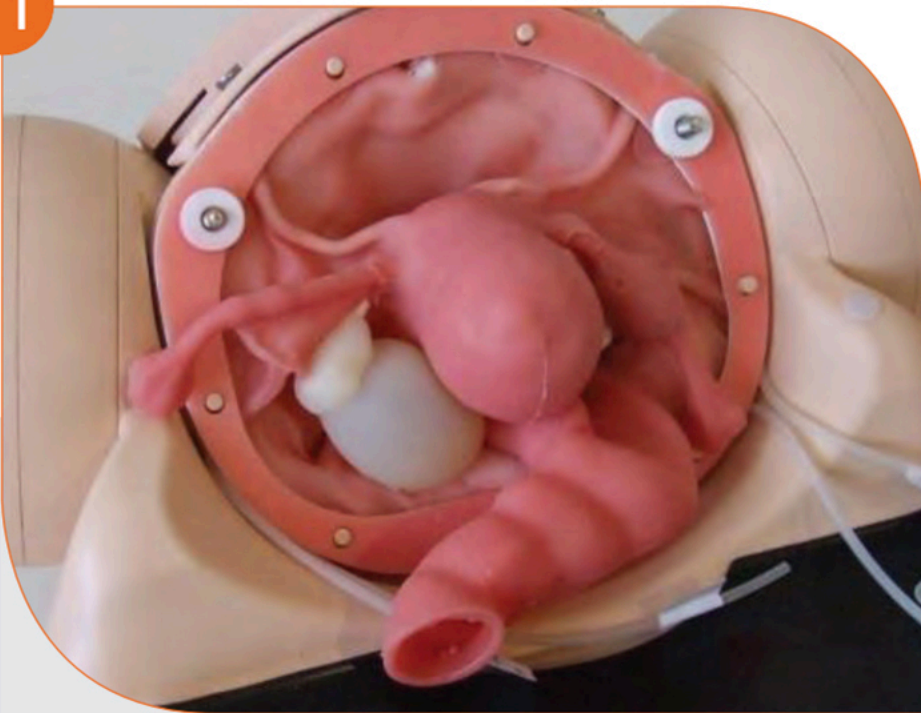
Make sure each hole is attached

11



Attach the pelvic ring clamp to keep the uterus in place. Ensure that the Ovarian artery tubes and the Uterus artery tubes come through the bottom of the clamp

11



The Uterus is now fitted

# Notes

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