

Pelvic Model Assembly Guide

To simulate limited space and visualization of the true clinical scenario, the following simulations will use a general pre-assembled pelvic model, with modifications depending on the procedure. This model includes a pelvic model fit with a bun form cervix, a PVC pipe vaginal canal, a pelvic floor, and suspensory ligaments made of tights. Below are instructions to assemble the entire pelvic model. Ensure you have completed assembly of the silicone pad, cervix model, and vagina model prior to beginning.

Pelvic Model

Materials

- 1 skeletal pelvic model
- 1 pair of skin color tights (XL or XXL) (note that some tights may be stretchier than others)
- 1 assembled **Vagina Model**
 - o Includes assembled **Silicone Pad**, assembled **Bun Form Cervix**, and a PVC vaginal canal
 - o When assembling your pelvis, you will need to know if you are creating a “first trimester pelvis” or a “second trimester pelvis” to use the appropriate internal os
- Safety pins
- Duct tape
- Prepared **Uterine Model**
 - o First trimester = 1 dragon fruit per learner
 - o Second trimester = 1 papaya per learner

Steps

1. Cut the feet off both legs of the tights
2. Cut the hips off the top – you now have one hip piece & 2 leg pieces



Image 1 – tights with hips and feet cut off

3. Using one of the leg segments, wrap the tights around the superior aspect of the bony pelvis, forming a tube. The tights should cover both iliac crests, the superior sacrum, and the pubic tubercles. This tube has a superior opening and an inferior opening around the true pelvis.



Image 2 – Pelvis with tights wrapped around ASIS and iliac crests



Image 3 – pelvis with tights pulled over pubic symphysis and ischial tuberosities



Image 4 – Pelvis with lower tights segment wrapped around ischial tuberosities



Image 5 – Pelvis with lower tights segment pulled over ischial spines

4. Insert the assembled vagina model into the pelvis through the superior opening. Adjust until the silicone strip on the PVC vaginal canal is flush with the inferior edge of the pelvis. The bun form cervix should be visible from the inferior opening.



Image 6 – Inferior view of full pelvis through pelvic outlet



Image 7 – Superior view of full pelvis through pelvic inlet



Image 8 – Pelvis with vagina model



Image 9 – Pelvis with vagina model being inserted through superior pelvic inlet



Image 10 – Full pelvis with vagina model inserted



Image 11 – Full pelvis with vagina model inserted

- Cervix visualized from the inferior view



Image 12 -

- Cervix visualized from the superior view

5. Orient the cut end of the assembled uterine model toward the posterior entrance of the model. Insert the fruit into the tail of the bun form cervix.

1st Trimester:





2nd Trimester:





6. OPTIONAL (not shown in video): Use the “hips” of the tights (from step 2) to secure the papaya to the pelvis. You may need to use a tissue box/brick/stack of books to support the weight of the papaya.