

Training the Next Generation: Integration of Abortion into Clinician Education

Teaching Surgical Skills with Simulation Models

Low-Tech D&E Model

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Equipment:

- 3 Mylar balls (cat toy)
- 10 Mylar balls (cat toy)
- Felt fabric square 9X12"
- Foam can holder
- Velcro dots pack of 80
- Suture: 0.0 vicryl suture or PDS suture
- Container: 36 oz rice jar



Strategies for specific learners:

- Model to be used in pairs: one "surgeon" and one assistant to hold the model
- Goal is to have "surgeon" use the model without looking into the container, assistant can guide as needed

Learning Objectives:

- Familiarize with key instruments used for second trimester termination.
- Perform a paracervical block.
- Appreciate the constraints of the internal cervical os.
- Remove all "products of conception" without looking at the structures.

Outline of simulation teaching session:

- I. Dilation and Evacuation
 - a) Review clinical points
 - a. Unique blind nature of the procedure
 - b. Efficiency of movements – trying to evacuate with fewer passes
 - b) Review order of procedure
 - a. Grasping cervix with ring forceps
 - b. Paracervical block
 - c. Use of Bierer or Sopher forceps to evacuate "products of conception"
 - c) Practice on simulation model
 - d) Review challenges of using model
 - a. fidelity to real life D&E
 - b. key differences when actually performing a D&E –does not account for dilating, amniotomy, and using suction