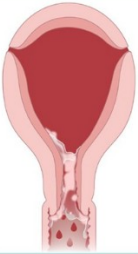
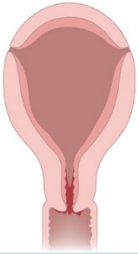


Interrupted Development of the Fetus- 2024

- Abortion- Termination of a pregnancy
 - Induced Abortion- Purposeful termination of pregnancy before 20 wks gestation. Can be *elective* or *therapeutic*
 - Elective Abortion- Termination of pregnancy at woman's request
 - Therapeutic Abortion- Termination of pregnancy for reasons of health or disease of either mother or fetus or both
 - Spontaneous Abortion- Termination of pregnancy that occurs naturally with no assistance. Otherwise known as a miscarriage.
- Miscarriage- Spontaneous loss of pregnancy
 - Pregnancy that ends due to natural causes
 - 10-15% of pregnancies
 - Most lost very early in pregnancy before 12 weeks of gestation
 - Caused by:
 - Genetic/chromosomal defects
 - Implantation defect
 - Teratogenic drugs
 - Medical disorders
- Threatened miscarriage
 - Days of unexplained *light* bleeding/*mild* cramping
 - *Cervix* remains *closed*. Bleeding= spotting
 - Mother will need to rest, limit activity, and avoid stress
- Inevitable & Incomplete Miscarriage
 - *Moderate* to *heavy* bleeding with an *open cervix*, cramping can be mild to severe and passage of products of conception.
 - Ultrasound to ensure all products of conception were expelled.
 - If retaining products of conception may need a D&C procedure or medication to help complete the miscarriage.
 - (D&C)- Dilation and Curettage- scraping of the uterine walls
 - Prostaglandin medications- misoprostol (Cytotec) PO
- Complete Miscarriage
 - *Cervix* has already *closed* and all products of conception were expelled
 - Can have *slight* bleeding and *mild* cramping after products have passed
 - Ultrasound to ensure all products passed along with cessation of bleeding
- Missed Miscarriage
 - Fetus dies in utero but is not expelled
 - Pregnancy Manifestations suddenly subside
 - Nausea
 - Breast enlargement
 - Uterus enlargement
 - Cravings, hunger, fatigue subside

- o Treatment
 - Misoprostol (Cytotec)
 - D&C

	Threatened	Inevitable	Incomplete	Complete	Missed
Types of spontaneous abortion					
Cervical os					
Fetal cardiac activity					

- Recurrent Pregnancy Loss
 - o Consecutive abortions: 3+
 - o Causes
 - Anatomic- incomplete cervix, uterine abnormalities
 - Hormonal- 40%
 - Other- genetic abnormalities, immune system issues
 - o Treatment
 - Depends on the cause:
 - Incomplete cervix- cerclage
 - Fibroids- remove
 - Administer hormones
- Blighted Ovum (Anembryonic Pregnancy)
 - o Fertilized ovum development arrested at some point before 12 weeks
 - o Embryo didn't develop normally, empty pregnancy sac
 - o Same S/S of pregnancy, but will have spotting/cramping/bleeding
 - o U/S to visualize empty sac
- Complications of Miscarriage: Physical/Psychological
 - o Physical
 - Septic Miscarriage- fever, abdominal tenderness, bleeding, foul odor d/c. Could be due to ascending infection up through cervix, retained products.
 - o Psychological
 - Depression, PTSD, anxiety, guilt, despair
- Elective Abortions
 - o Laws vary by state regarding abortion
 - o 50% of pregnancies are unintended
 - o 40% end in elective abortion
 - o Decision-making factors for abortion:
 - Preservation of life/ health of the mother

- Rape/incest
 - Fetal disorders
 - The woman's request
- Methods of Elective Abortion
 - First Trimester
 - Surgical: Aspiration
 - 8-12 weeks after LMP
 - Monitor VS
 - Recovery 1-3 hours
 - Prophylactic antibiotics
 - Ibuprofen
 - Medications
 - Misoprostol (Cytotec)
 - Dilates cervix/ stimulates contractions
 - Mifepristone
 - Stops action of progesterone
 - Second Trimester
 - D&C: Dilation and Curettage
 - D&E: Dilation and Evacuation
 - Up to 20 weeks gestation
 - Laminaria used to dilate the cervix
 - Nursing Care
 - Monitor vital signs
 - Emotional support
 - Analgesics
 - Monitor bleeding
- Complications of Elective Abortion
 - Hemorrhage, Infection, Trauma, Retained products of conception
- Nursing Considerations
 - Inform, support, listen, don't judge, encourage F/U appt
 - RhoGam- injection given to Rh negative mothers for future pregnancy protection