

Lab No.6

Fetal Heart Rate Monitoring

Dr. Sarab N. Fadhil

**Nursing college / University of Baghdad
2020**

Purpose:

- ▶ To assess fetal wellbeing during routine prenatal visits, labor, and delivery

Definition:

- ▶ is a procedure that records an unborn baby's heart rate and the presence or absence of the mother's uterine contractions.

Cases that need to Assess FHR:

- ▶ Rupture of membranes
- ▶ Abnormal uterine activity
- ▶ Evaluation of oxytocin (increase or decrease dose)
- ▶ Vaginal examination
- ▶ Periods of ambulation

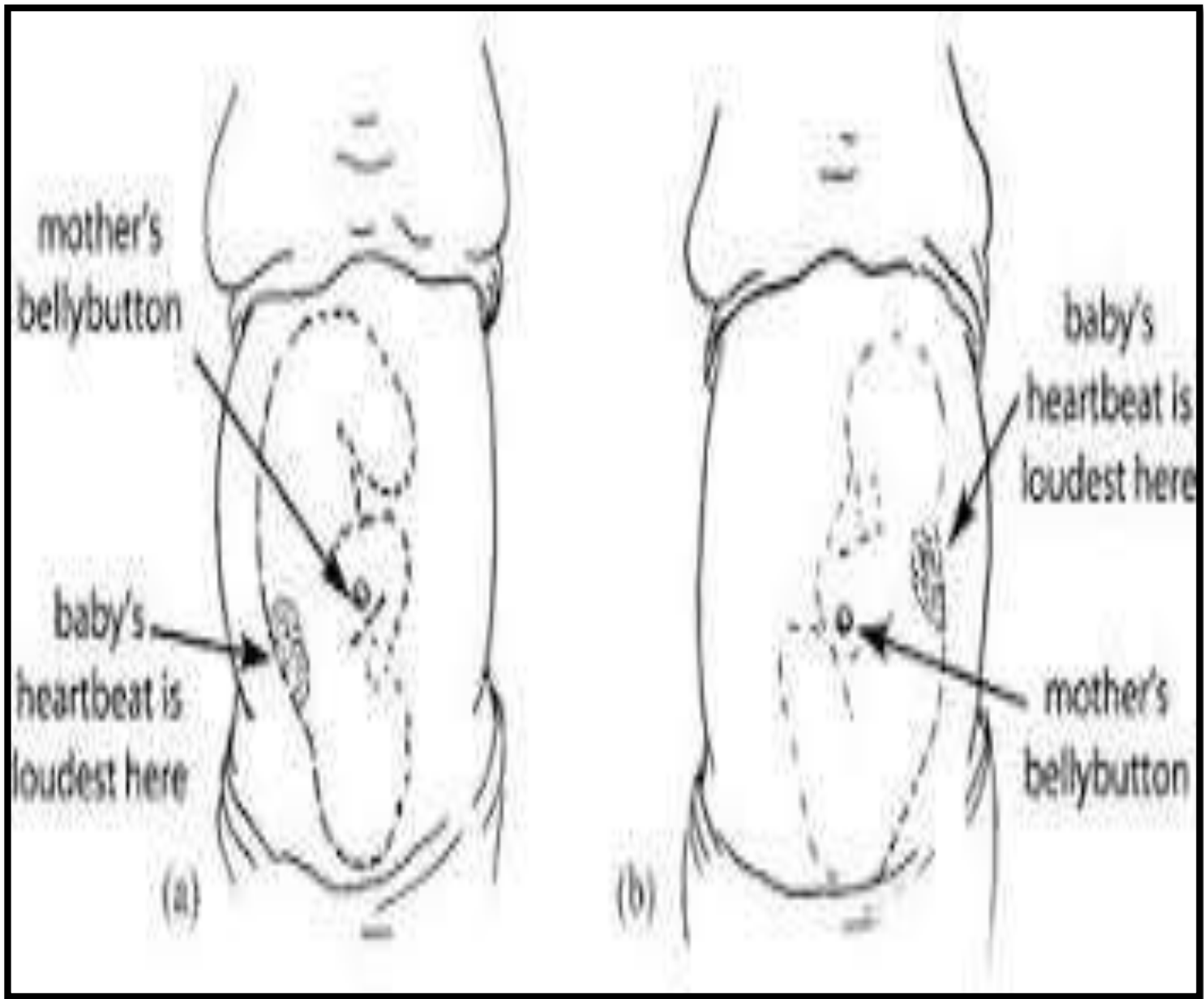
Before assess the FHR should be do the following :

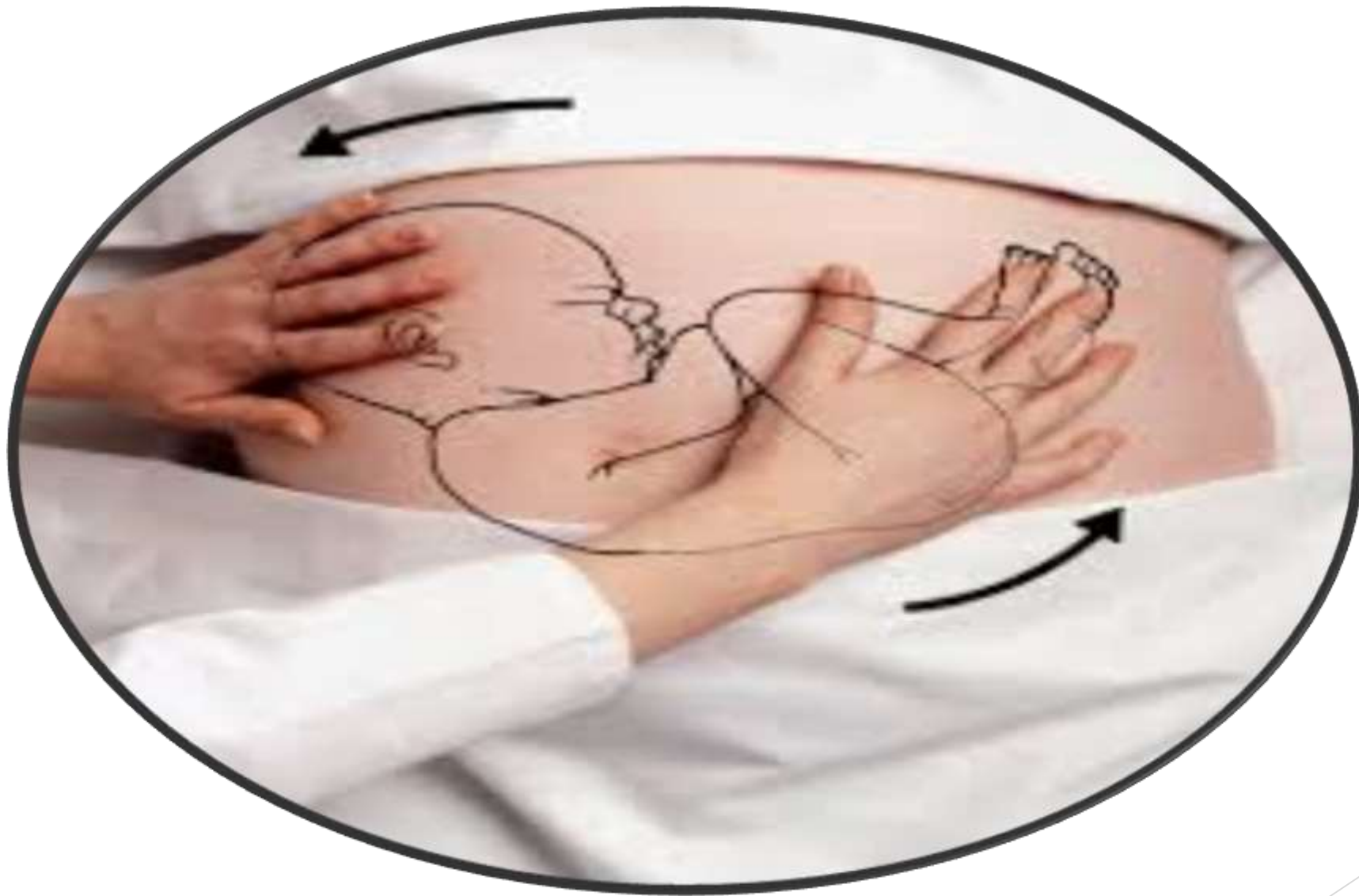
1. Explain procedure & ask her if she has any questions or concerns.
2. Obtain verbal women's consent.
3. Hand washing and wearing gloves.
4. Provide privacy for women.
5. Determining the fetal presentation to facilitates fetal heart auscultation.

- ▶ Before listening to the FHR the first time, the nurse may choose to perform Leopold's maneuvers to determine the probable location to best hear the FHR.









Equipment:

The fetal heart can be auscultated using a number of different devices:

1. stethoscope





wikiHow to Monitor Fetal Heart Rate

2. A Pinard stethoscope or Fetoscope





(a)



(b)



(c)



(d)



3. An ultrasound (Doppler) stethoscope.

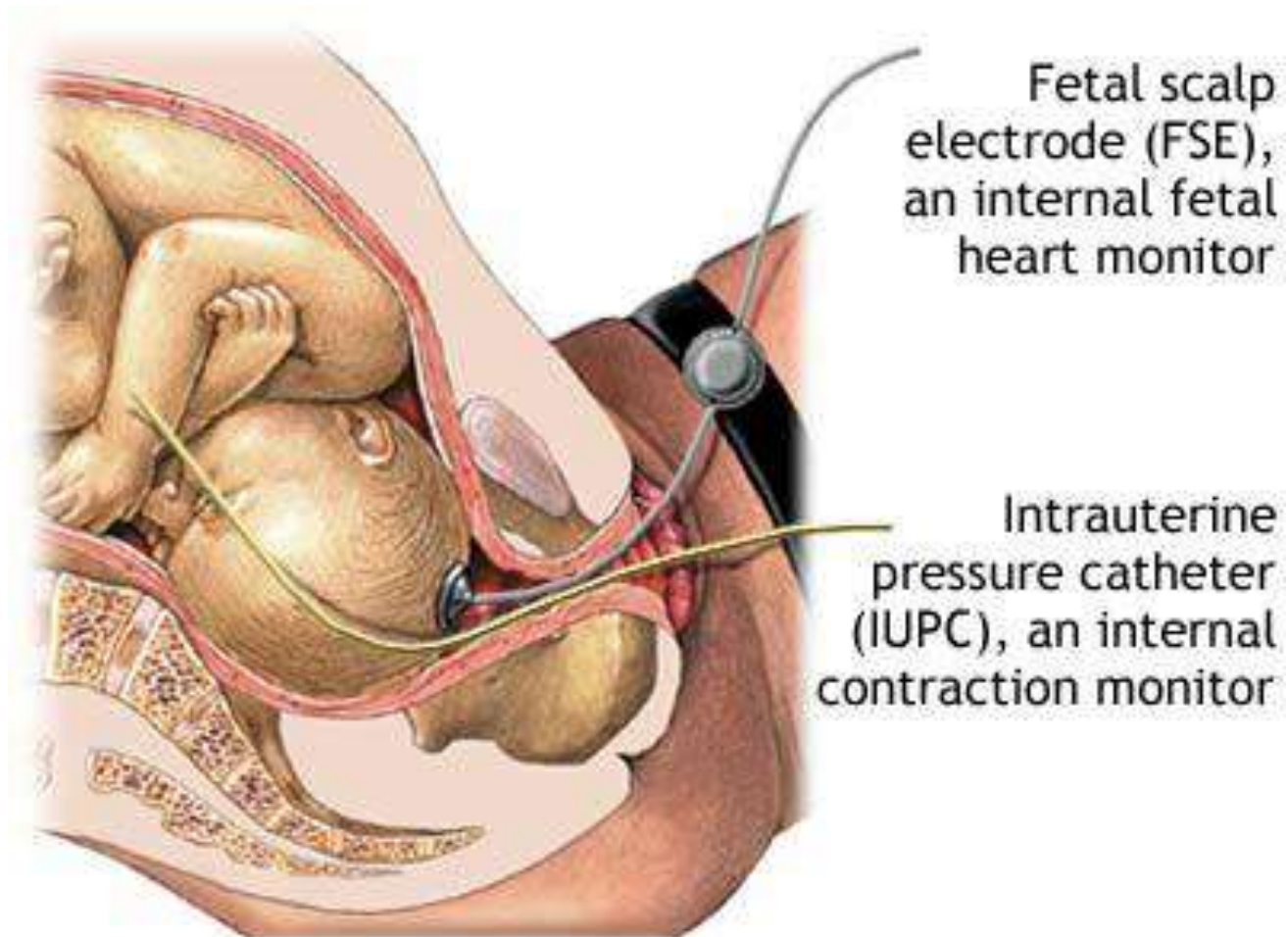


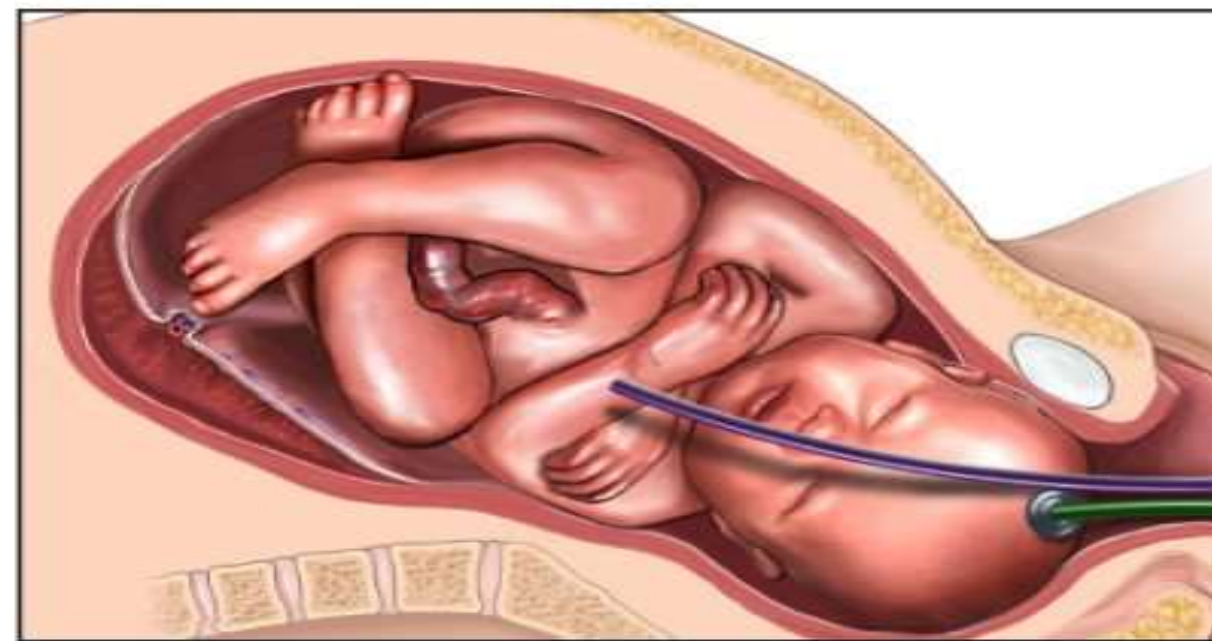
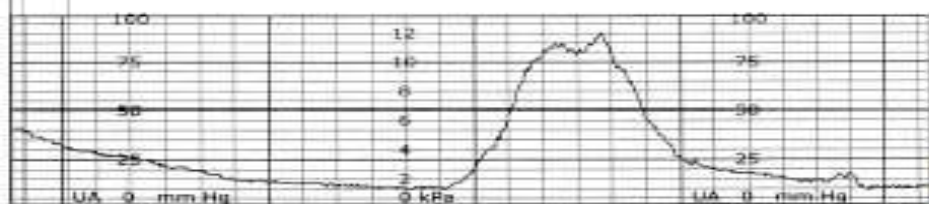
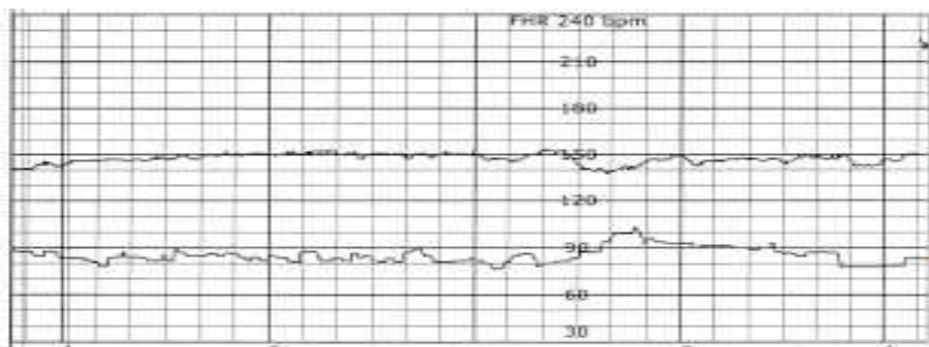


4. External electronic fetal monitoring



5. Internal electronic fetal monitoring.





Document FHR in women's chart

- ▶ Document that the procedure was explained to the woman
- ▶ document the maternal position, the type of device used and location of the FHR.
- ▶ record of both the FHR and uterine activity should be of adequate quality for visual interpretation.
- ▶ Further documentation should include maternal pulse and blood pressure, presence of fetal movement, and any interventions and/or procedures performed including fetal response to the interventions.