

OBSTRUCTED LABOR (OL)

Obstructed labor(OL)

Outline

- To define OL
- To identify the cause of OL
- To discuss
diagnosis ,management ,complication and
prevention of OL

OL cont...

❖ Obstructed labor (OL)

- ❖ is failure of descent of the fetus through the birth canal for mechanical reasons arising from either the **passage** or **passenger** in spite of adequate uterine contraction.
- ❖ It is among leading cause of maternal mortality in low-resource settings with inadequate or inaccessible intrapartum care.

OL cont...

CAUSES:

1. Cephalopelvic disproportion

- Cephalopelvic disproportion occurs when there is a misfit between the fetal head and the pelvis.
- This means it is difficult or impossible for the fetus to pass safely through the pelvis.
- **May be due to contracted pelvis/large head**
- **What are risk factors for contracted pelvis????????**

OL cont...

2.Abnormal presentations, e.g.

brow ,shoulder, face with chin posterior

3.Fetal abnormalities, e.g.

macrosomia,locked twins,hydrocephaly

4.Abnormalities of the reproductive

tract, e.g. pelvic tumour, submucosal myoma,tight perineum, FGM.

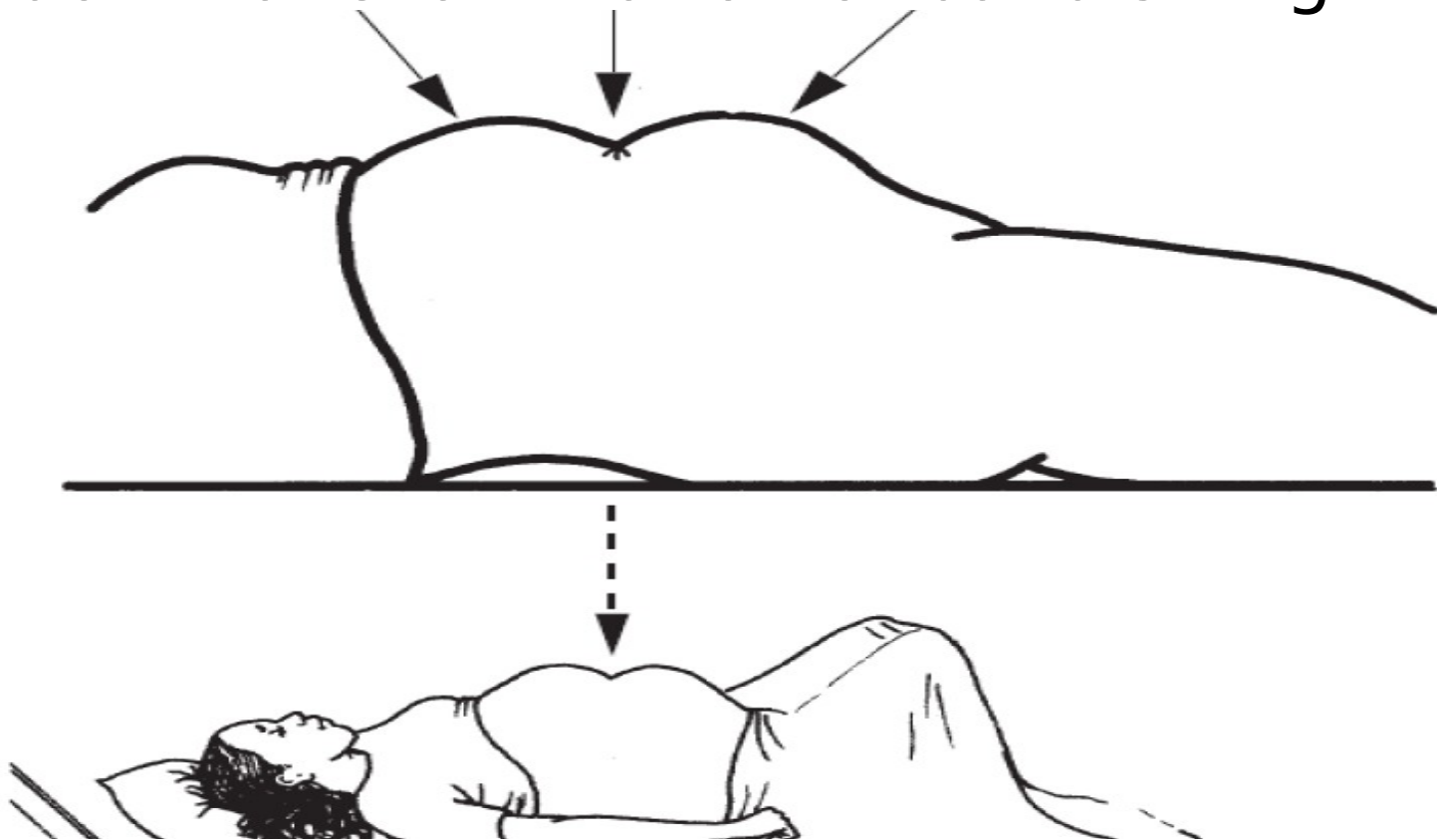
Clinical features of OL

- Prolonged duration of labor
- Dehydration
- Fever
- Maternal exhaustion
- Mother complains baby moves upward

- molding & Caput at high station
- Fetal distress
- **Bandls ring**
- Defficult to cathetrize
- Offensive vx discharge
- Vulval edemateuos
- Decreased urine output
- Dry and hot vagina

OL cont...

Abdominal examination of bands ring



OL cont...

Maternal complications

- Sepsis
- PPH
- Uterine rupture
- Fistula
- Death

Foetal complications

- Birth trauma
- Birth asphyxia
- Neonatal sepsis
- Still birth

OL cont...

Management

Immediate care

- Assessment
- I/V fluids with R/L,N/S
- Start IV broad spectrum antibiotics
- Hgb,BG/RH,cross-match
- Cathetrize & left lateral position
- Put heron Nasal Oxygen flow 4-6L/min
- Delivery by appropriate method

OL cont...

Mode of delivery for OL

- Fetus alive □ CS
- Fetus dead □ destructive procedure,
- Ruptured uterus □ laparotomy □ repair, or hysterectomy (total/subtotal)

OL cont...

Prevention

- 1.Provision of accessible family planning methods
- 2.Provision of universal quality ANC to all pregnant women
- 3.Provision of intrapartum care (includes use of partograph) by skilled personnel)
- 4.Avoid early marriage.