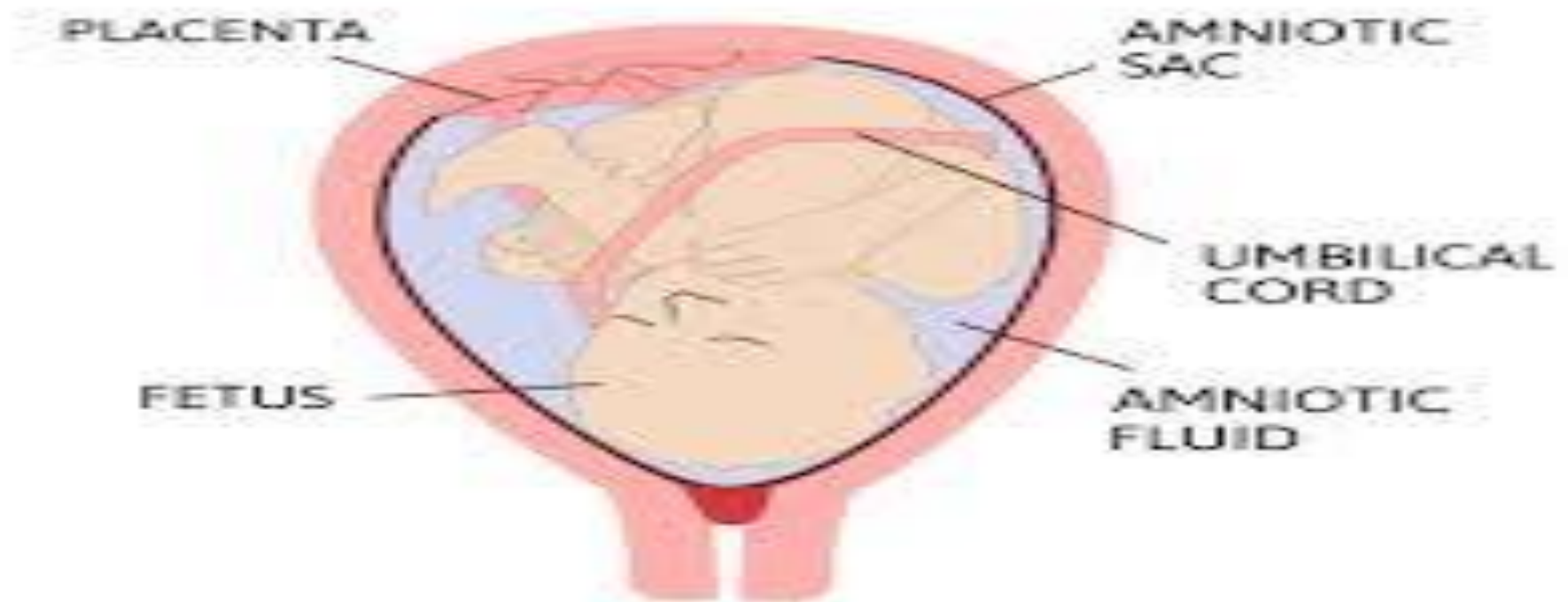




Submitted to
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Date 14, April, 2020
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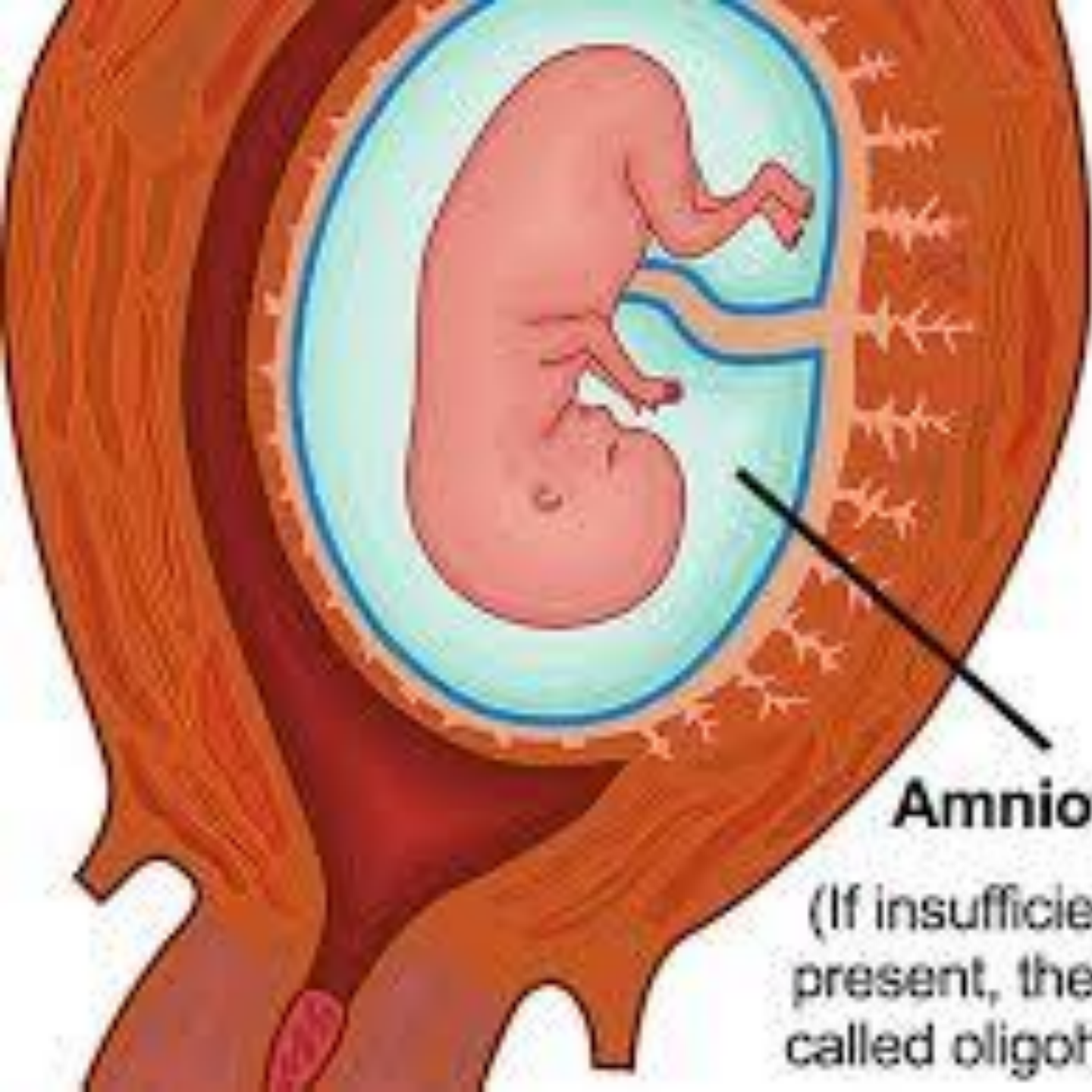
Oligohydramnios



OLIGOHYDRAMNIOS

Definition

- Reduced amount of amniotic fluid in the amniotic sac less than 500 ml.
- AFI is less than 5centile for the gestational age.
- Usually placenta is not functioning properly.



Amniotic Fluid

(If insufficient of fluid is present, the condition is called oligohydramnios.)

Etiology

A..Reduced production of liquor

- 1.IUGR
- 2.Prolonged pregnancy
- 3.Hypertensive disorder
- 4.Fetal abnormality

B..continuous drainage of liquor

- 1.Rupture of mambrane

C..Idiopathic

Dehydration

Post term pregnancy

Risk factors

- Amniotic band syndrome
- Pulmonary hypoplasia
- Fetal hypoxia
- Maternal risks
 - Hypertension
 - Diabetes
- Perinatal mortality



Diagnosis

- History
- Blood stained vaginal discharge
- Hypertension
- Preeclampsia
- Pregestational hypertension
- APLA Syndrome
- Congenital anomalies
- Chromosomal abnormalities
- Medication

Investigation

- Ultrasound
- Other investigations
 1. Full blood picture
 2. Glucose tolerance test
 3. Fetal karyotyping
 4. Maternal renal function test



Complications of oligohydramnios

- Early onset of oligohydramnios
 - Potter sequence syndrome
 - Limb deformities
 - Abdominal wall defects
- Pulmonary hypoplasia
- Cord compression

Potter sequence (syndrome)



Treatment

- Conservative management
- Rest
- Hydration-oral/Iv hypotonic
- Induction of labour
- Monitoring



Thank you!

