

Legal aspects of reproduction & abortion.

**Infertility** → فشل  
 Failure of conception in a healthy couple with regular sexual intercourse over a specific period, usually of one year.

Like any human disease, it is a problem that requires a diagnosis & treatment because of the associated psychological stress.

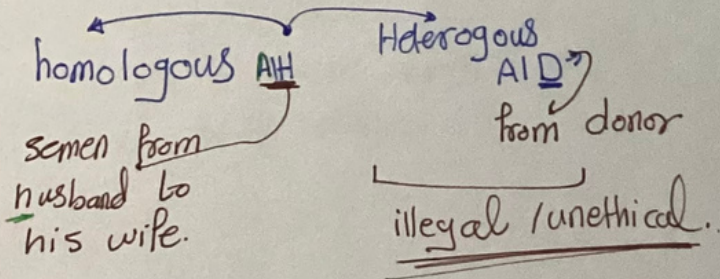
**Assisted reproduction techniques (ART)**  
 use medical or surgical management techniques to enable fertilization & conception to take place.

e.g. drug → ovulation      surgery → opening → blocked fallopian tube.

**1 Artificial insemination (AI)**

best choice → sperm disorders

It involves injecting sperm through a narrow catheter into the wife's reproductive tract.



**2 In vitro fertilization (IVF)**

• Taken literally, IVF means fertilization in glassware.

↳ term → test tube baby or non-medical.

embryo is formed in a test tube instead of woman's fallopian tube.

• ...

- Legal procedure.
- Fear of disputes of paternity
- Sperm & ova donation → not allowed

Legal Precautions →  
 • consent (فهم و موافقة)  
 • Do → harm

preserving sperm banks

### 3 Intra cytoplasmic sperm injection

\* newest form of sperm micro-manipulation procedure performed in the laboratory

insertion of single sperm → directly → cytoplasm of mature ovum or oocyte

using micro-injection or thin glass pipette or thin glass needle.

فتى ضعيف  
• sperm → weak  
• wall of oval → thick.

عنه نتفخ مع IVF

early zygotes which remain frozen & unused ← شوي صبر ← المشكلة، الصلابة

an arrangement or agreement where by a woman agrees to carry a pregnancy for another person who will become the newborn child's parents after birth.

### Surrogacy

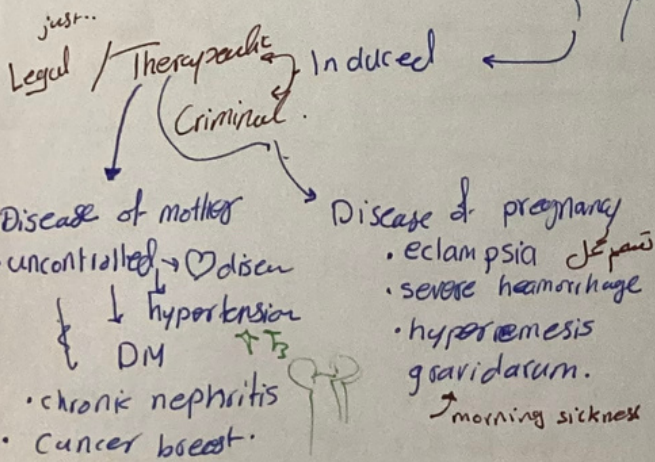
• Commercial ← اذا بتأخذ \$

• altruistic  
• ايثار انفاق ← به بتأخذ  
تخوفين لادو وبتخوفيلو.

Fully prohibited.

Types → Traditional  
→ Gestational  
ova → البويضة  
sperm → البويضة  
uterus → الرحم  
ova → البويضة  
uterus → الرحم  
sperm → البويضة  
IVF

10% spontaneous maternal fetal.



Abortion → medicolegal def.  
الاجها  
expulsion of any contents of gravid uterus at any time before 28 weeks of delivery. Full term

pre-term labor ≈ 28-36

labour ≈ 38 ± 2 weeks. Normal pregnancy period

# Abortion.

10%  
**Spontaneous**

**Maternal**

General

- severe fever
- DM
- nephritis

Local

- Fibroids
- Tumors
- incompetent cervix
- uterine displacement

**Fetal**

- placental defect
- congenital anomalies
- vesicular mole
- polyhydramnion

**Induced**

Therapeutic

↳ Disease of mother

- uncontrolled → heart disease
- hypertension
- DM
- chronic nephritis
- Cancer breast

Criminal

↳ Disease of pregnancy

- eclampsia
- severe haemorrhage
- hyperemesis gravidarum
- E