

SEXUAL REPRODUCTION IN HUMANS

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OBSERVE AND ANSWER QUESTIONS



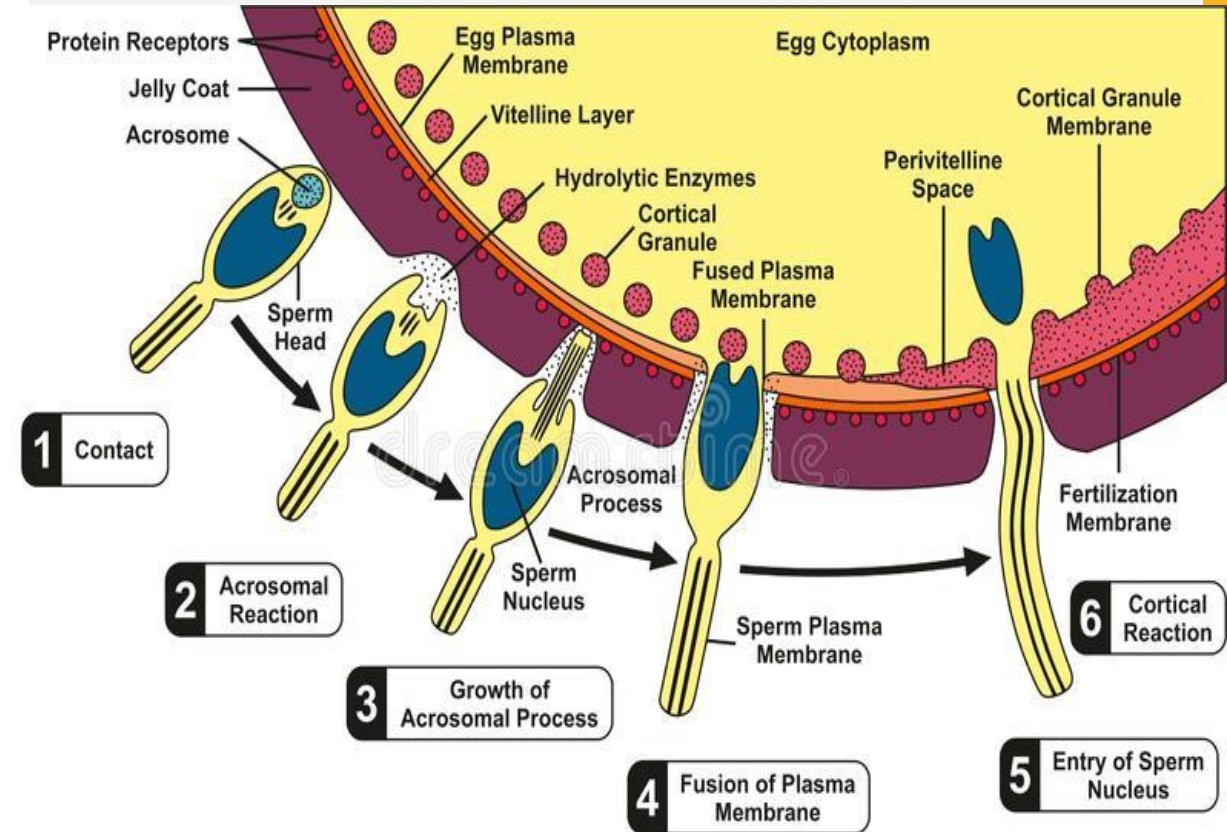
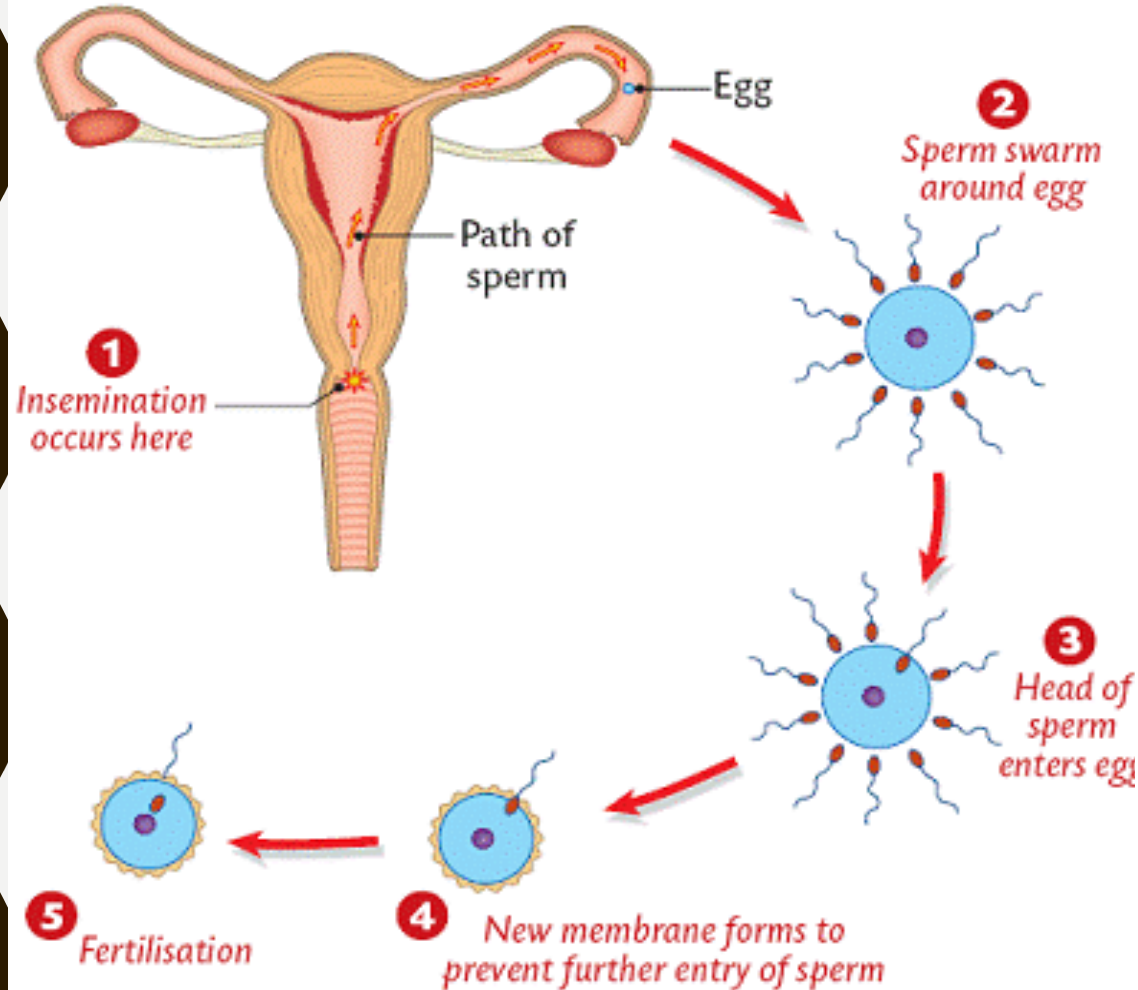
READ PROCESS OF SEXUAL REPRODUCTION

- In pairs.

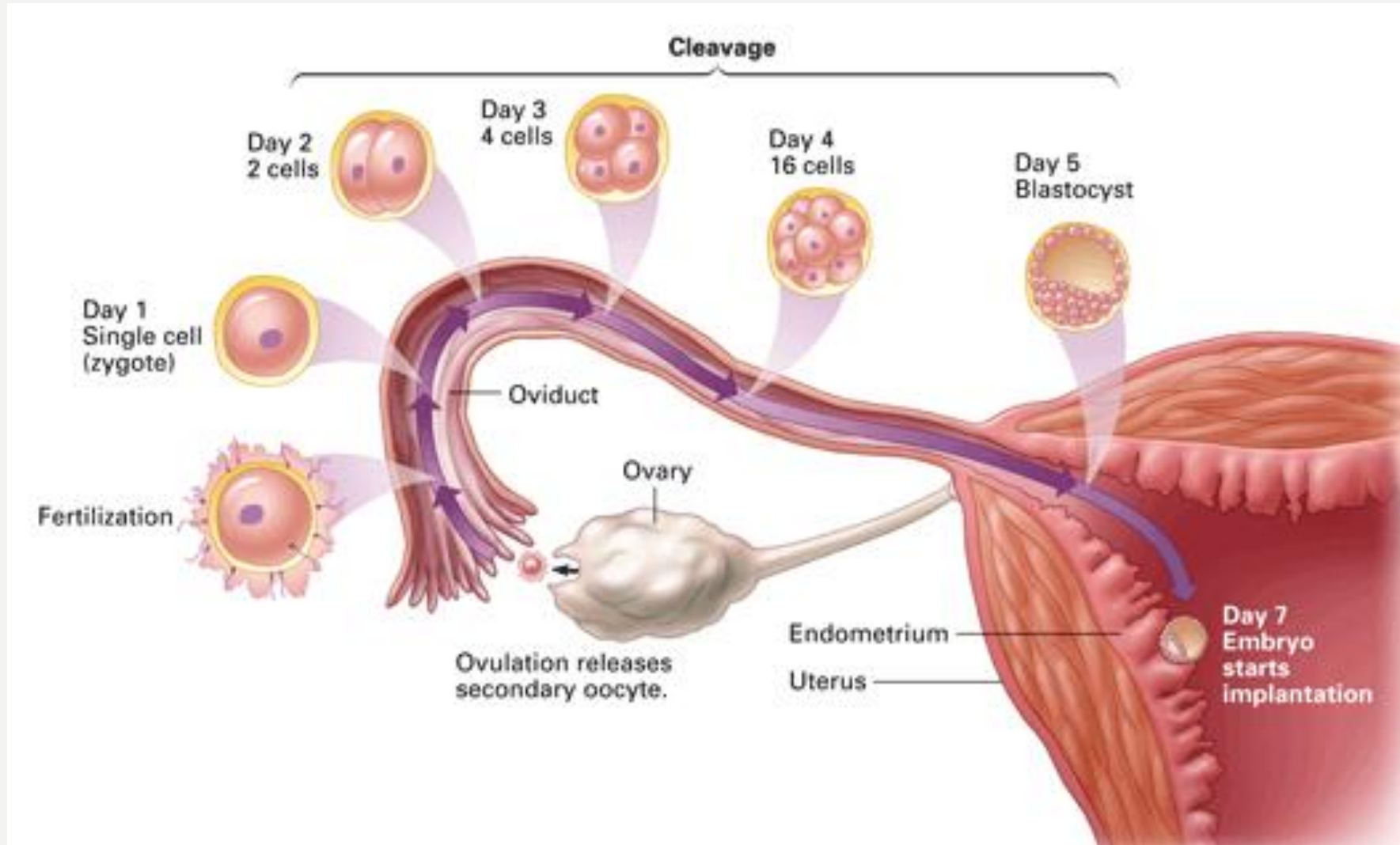
Then create a flow chart showing the process of fertilization

→ ? →? → ? →? →

FERTILIZATION: JOINING OF EGG AND SPERM NUCLEUS FORMING A ZYGOTE.



IMPLANTATION: FERTILIZE EGG (ZYGOTE) ATTACHES TO THE UTERUS.



CLOSURE: ARRANGE SEQUENCE IN ORDER.

- Sperm cells swim up the vagina through the cervix
- Sperm nucleus and egg nucleus forms the Zygote.
- Implantation occurs and zygote develops into an embryo.
- Ejaculation of semen into vagina
- Zygote then moves from fallopian tube to the uterus and attaches itself.
- Sperm cells pass the uterus into the fallopian tube
- Sexual intercourse
- Sperm meets the egg cell and fertilize.

WHAT ARE SIGNS AND SYMPTOMS OF PREGNANCY?

SIGNS AND SYMPTOMS OF PREGNANCY

THAT YOU MUST BE AWARE OF

- Cramping or spotting
- Sore or Swollen breasts
- Fatigue
- Nausea (morning sickness)
- Missed period
- Frequent urination



Dizziness



Tender Breasts



Fatigue and Tiredness



Increased Sensitivity to Smell



Nausea



Mood Swings



Frequent Urination

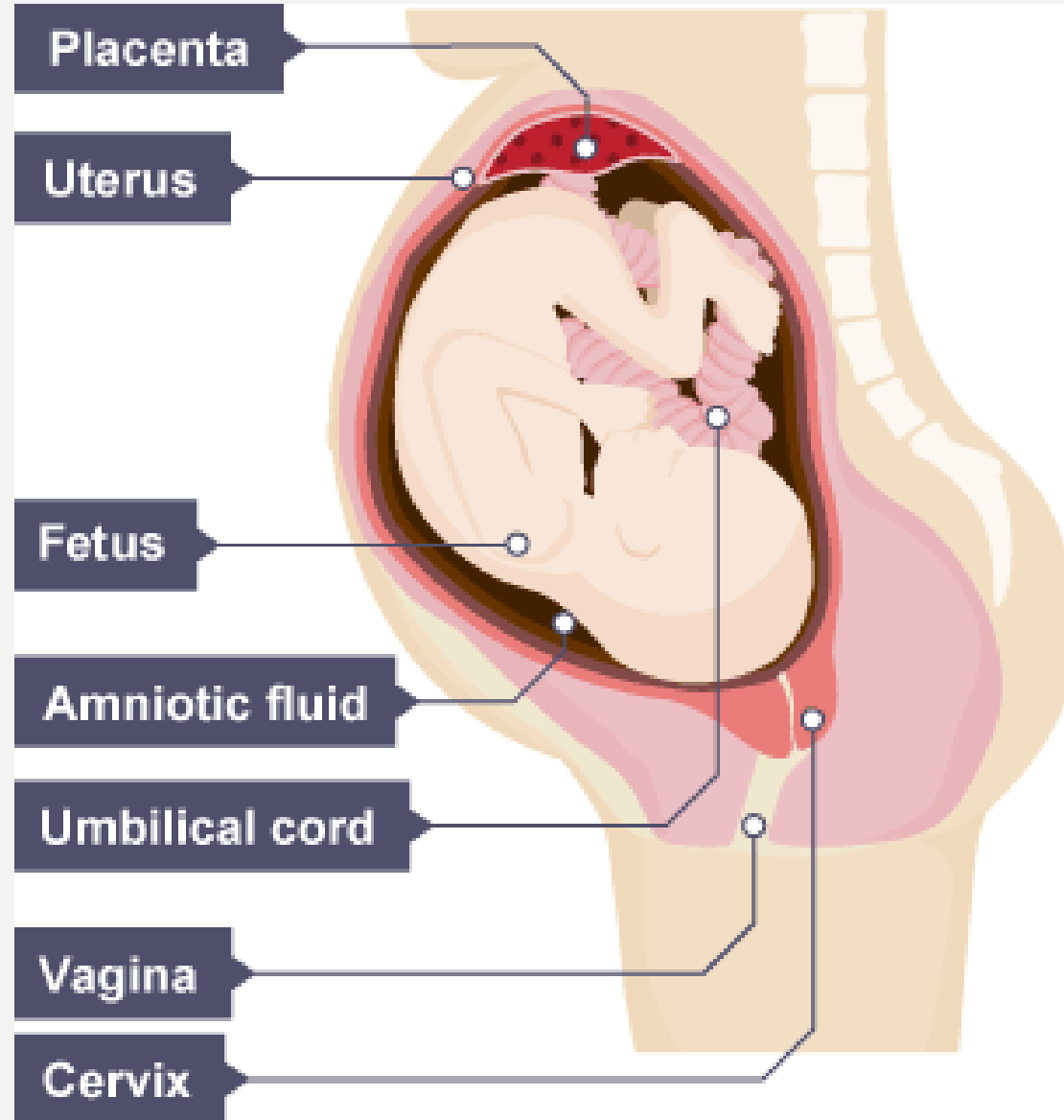


A Missed Period

TESTING?



EXPLORE:



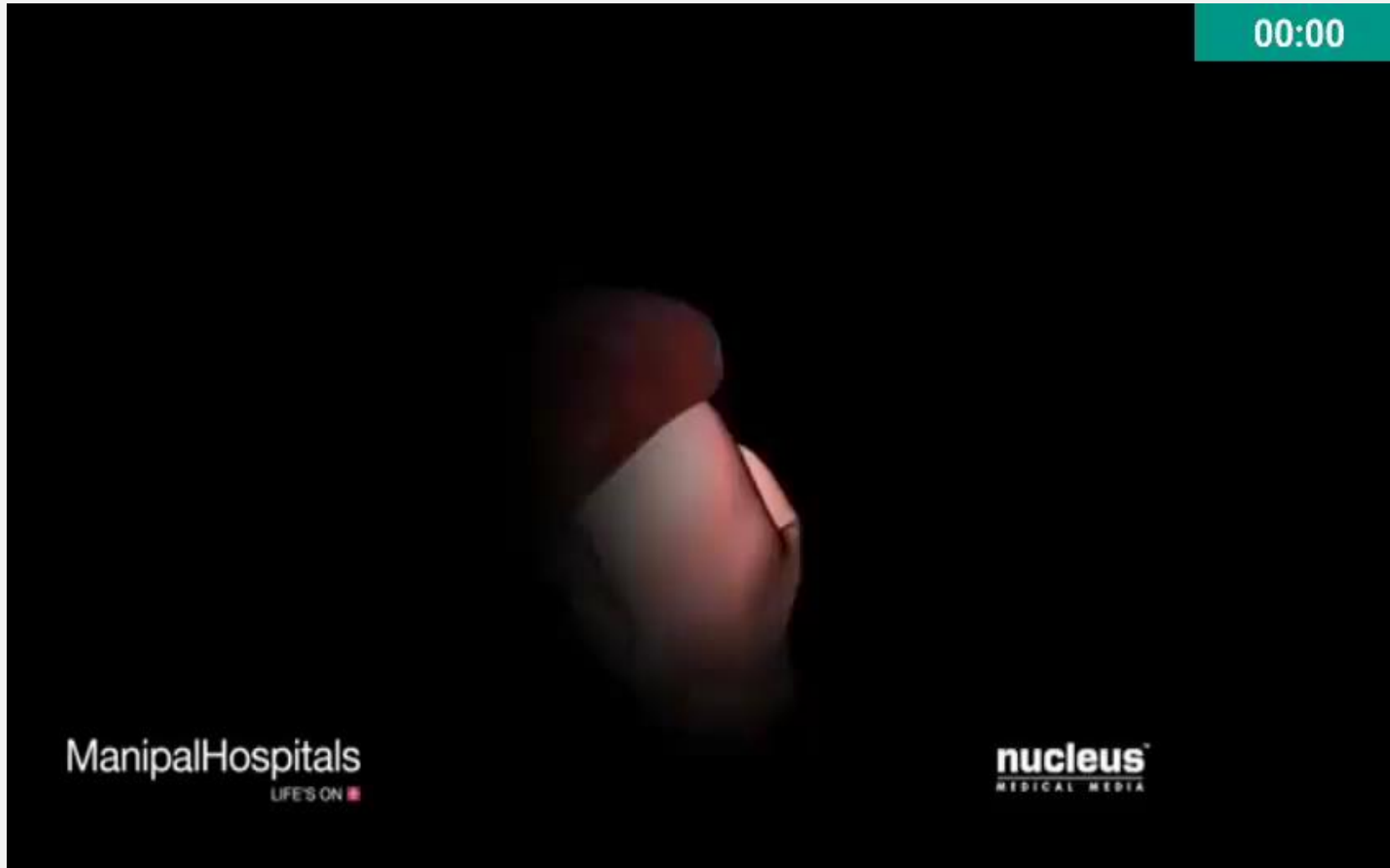
EXPLAIN:

- A. Allow the embryo to obtain materials such as oxygen and nutrients from the mother's blood.
- B. The womb where the embryo develops into a fetus.
- C. The fluid that protects the developing embryo against bumps and jolts.
- D. When it becomes recognisably human, it is no longer called an embryo.
- E. An attachment from the placenta and the navel of the fetus also helps in transporting substances.

PREVIEW ONLY

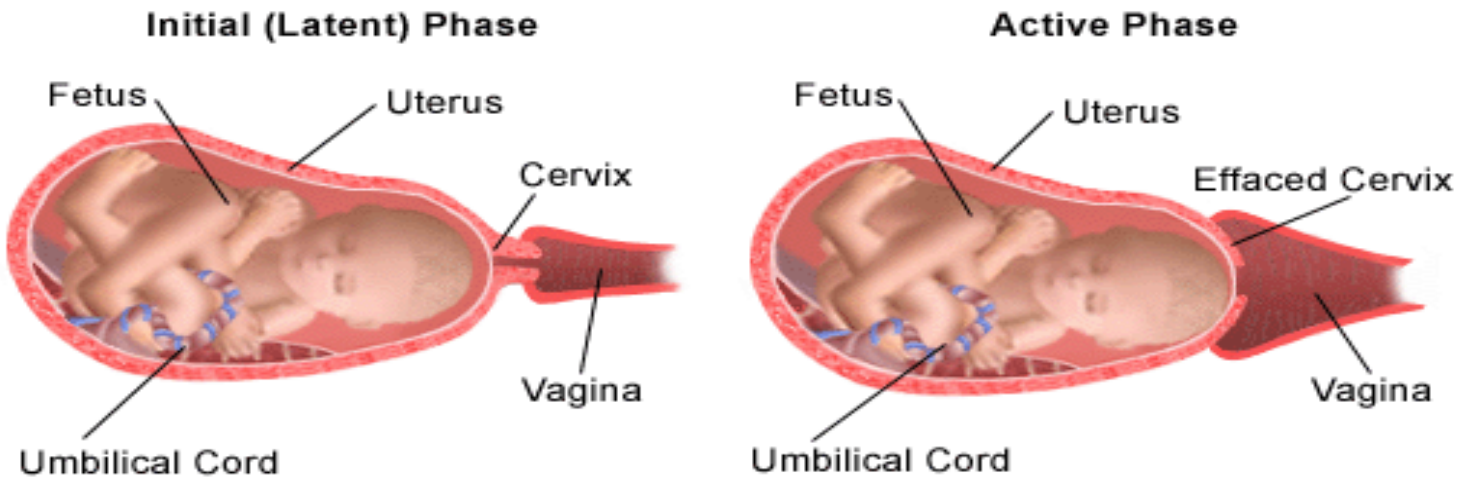
HYPER PIXELS
M E D I A . C O M

ELABORATE: STAGES OF BIRTH.

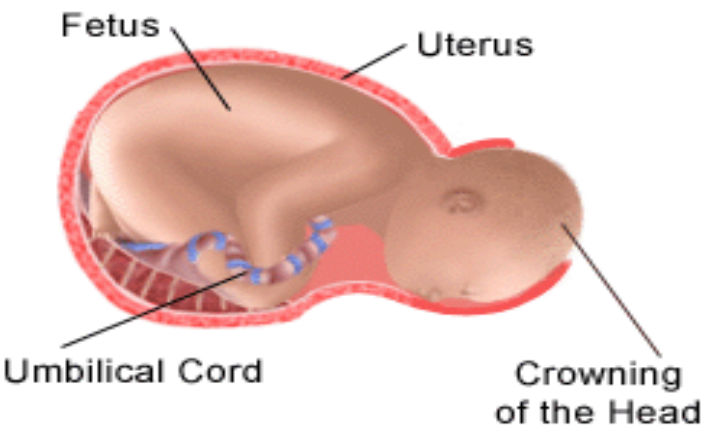


STAGES OF BIRTH;

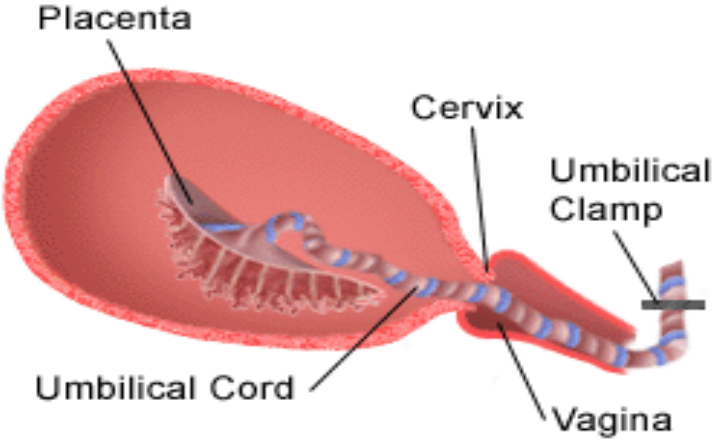
Stage 1



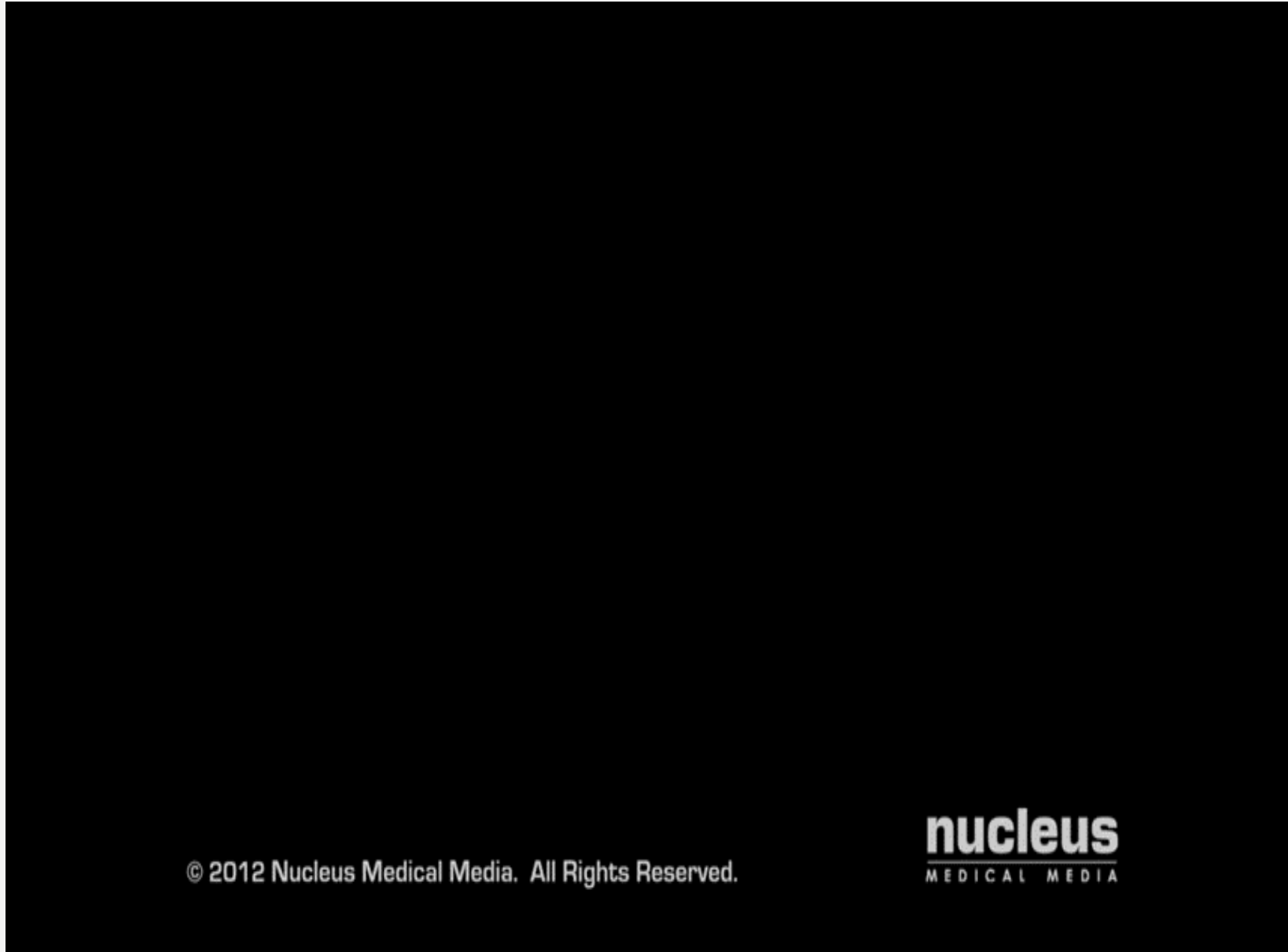
Stage 2



Stage 3



C SECTION:



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EXTENDED ACTIVITY: TEENAGE PREGNANCY.

- Extended activity: Imagine that a friend has just come to you saying that she thinks she might be pregnant. What would you say to her? Think about things you learned in today's class about pregnancy and resources. Write her an e-mail, a series of text messages, or a note as a supportive friend. Be sure to include information about two places she could go for a pregnancy test.