

Thurs, March 23, 2017

Pick up: self check

<u>Today you will:</u>

- 1. Self check
- 2. Trimesters Notes
- 3. Vocab Practice

Homework/Planner:

Anything not complete up to ISN pg 181

Quiz on Reproductive System-Fetal Development Fri!

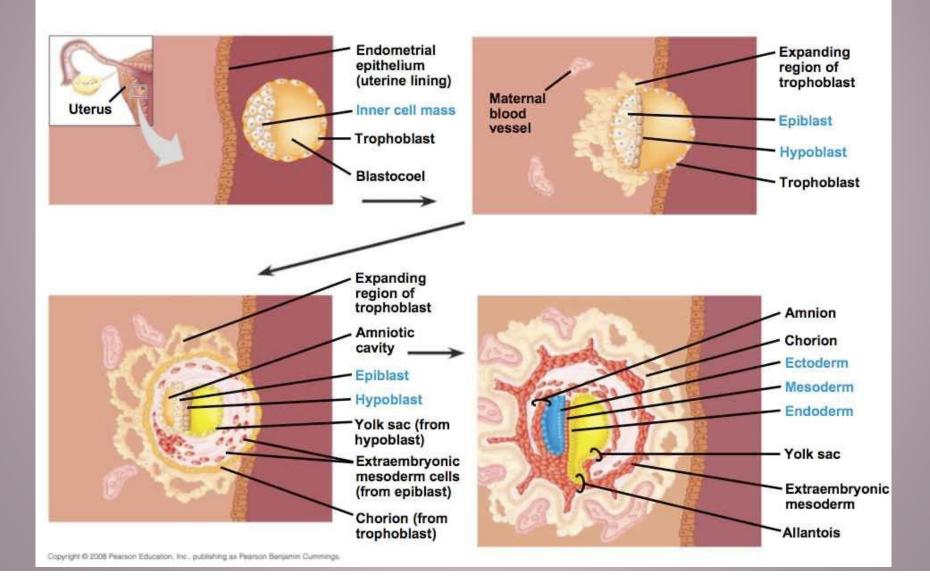
<u>Honors: Please bring in</u> <u>field trip forms & sign up</u> <u>for Wed or Friday</u>

<u>https://www.youtube.com/watch?v=jk0F-</u> <u>TnKFwU</u>



BLASTOCYST -> GASTRULATION

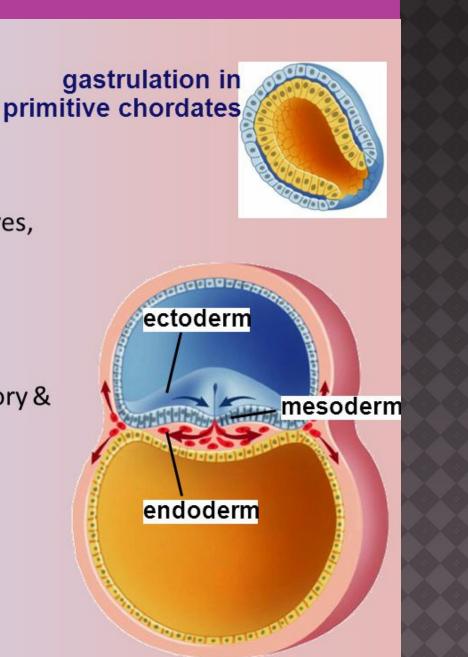
Fig. 47-16-5

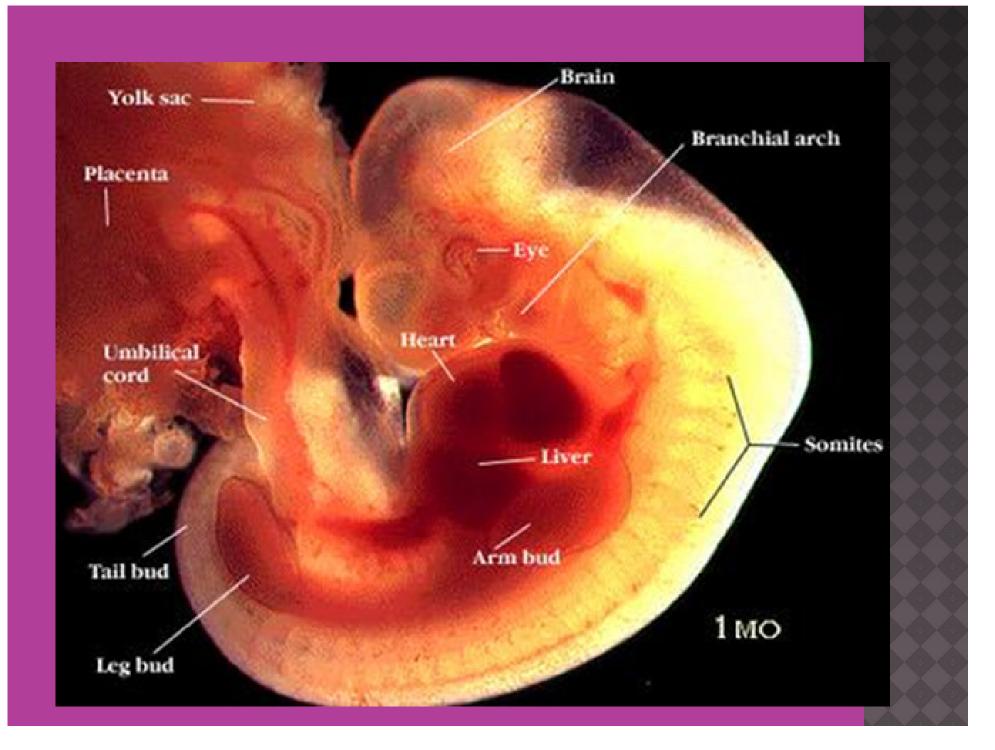


Gastrulation

- Establish 3 cell layers
 - ectoderm
 - outer body tissues
 - skin, nails, teeth, nerves, eyes, lining of mouth
 - <u>mesoderm</u>
 - middle tissues
 - blood & lymph, bone & notochord, muscle, excretory & reproductive systems
 - endoderm
 - inner lining
 - digestive system, <u>lining</u> of respiratory, excretory & reproductive systems

protostome vs. deuterostome

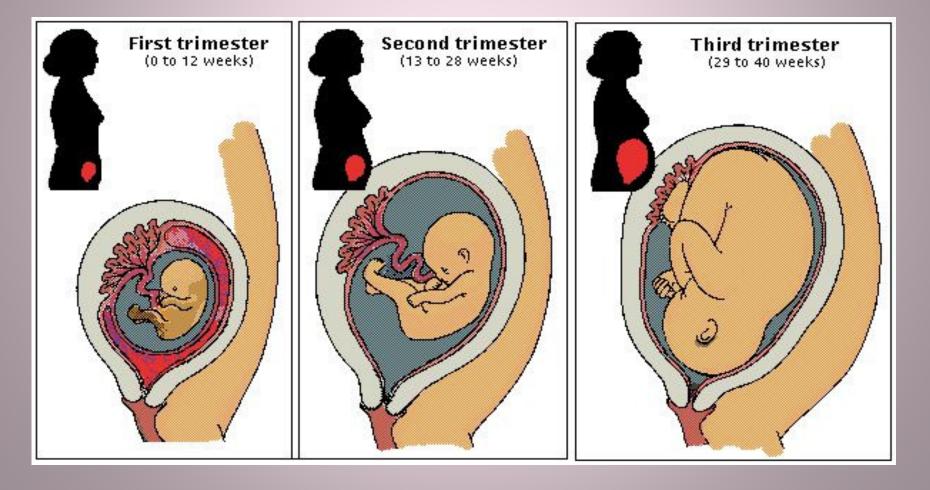




ISN pg 181 TB pg 800-801

3 distinct periods of GROWTH & DEVELOPMENT

TriMesters



1st TriMester

2nd TriMester

3rd TriMester

- 1. Dramatic changes
- Embryo → Blasto→
 Gastrulation
- 3. <u>AMNIOTIC SAC</u>: sac in which fetus develop
- 4. <u>PLACENTA:</u> organ connecting fetus to the uterine wall- allow nutrient uptake, waste elimination, gas exchange via the mother's blood supply

5. <u>ALL ORGAN</u> <u>SYSTEMS HAVE</u> <u>BEGUN TO FORM</u>:

- 1. Brain
- Heart heartbeat after 5wks
- 3. Kidneys

1. <u>SKELETON</u> begins to form

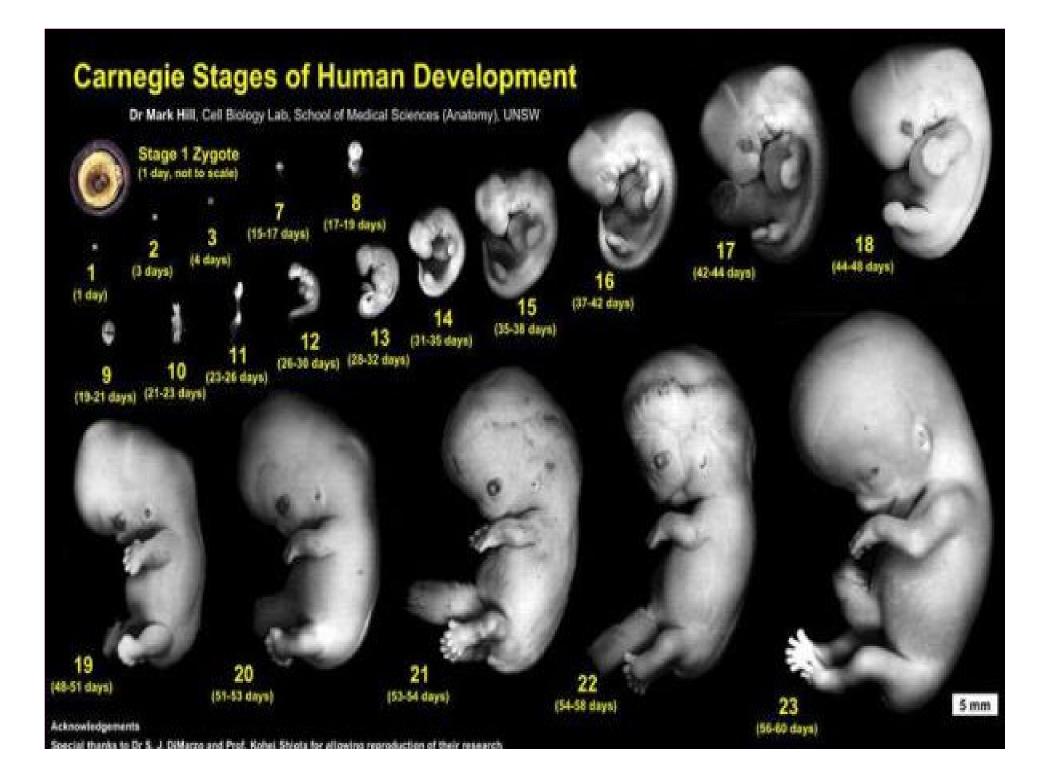
2. Soft hair (lanugo) develops over skin

3. <u>FIRST</u> <u>MOVEMENTS</u>

4. <u>Fetus wakes &</u> <u>sleeps</u> 1. <u>FETUS</u> <u>RESPONDS TO</u> <u>LIGHT, MUSIC</u>

2. <u>NERVES FORM</u> <u>IN LARGE</u> <u>NUMBERS</u>

3. <u>FAT DEPOSITS</u> under skin <u>DEVELOP</u>, so it can maintain body temp AND survive when born



<u>https://www.youtube.com/watch?v=h8</u> <u>2ltr84 Yg</u>