Embryogenesis is.....

· The formation & growth of an embryo

What does totipotent mean?

In the La termester, tota of things happen, what are come of the nawe the ability to form all cell types of conceptus in the 2" timester, what happens with the embryo?

What is multipotent?

- · ability to form a limited range of cells & tissues appropriate to location ambaomordo xea eldizzo jedi ens tarivi What is pluripotent?
- · have the ability to form 3 germ layers amozomondo xez eldizzog enil era teriW

What are some things that form from the endoderm?

· digestive system, lungs, endocrine system

What can form from the mesoderm?

What gene is on the Y chromosome that makes a my · Muscle, skereton, cardiovascular, reproductive system

What forms from the ectoderm?

· Nervous system, skin, hair

What are some key things that form in the ectoderm germ layer?

· hypothalamus & both lobes of pituitary

ENDO Derm' · primordial germ cells

SRY stands for

messing for all enes YAR ent H

TESTI ESTICOMONO XX

What are some key things that form in the mesoderm germ layer?

- reproductive systems

What are the 2 lobes of the pituitary gland?

· Anterior / Posterior

(adhenohypophysis) (neuronypophysis)

What forms the anterior pituitary lobe (adenohypophysis)?

- · tissue in roof of embryo's mouth

 - · stomodeal ectoderm

What forms from the actoderm:

The elementary and the social Sedimentally

S(zizyrigaayrionsps) edal yrssiutig tanchus sitt amot tsitW

What forms the posterior pituitary (neurohypophysis)?

· Floor of brain

freeday

· diverticulum develops from flood + grows ventrally towards Rathke's POUCh

In the 1st trimester, lots of things happen, what are some of those "things"?

- · Migration of primordial germ cells, formation evident sex structures
- · sex cord develops in gonads

In the 2nd trimester, what happens with the embryo?

· development of male testes/ducts OR · female ducts/ovaries + formation of BL

What are the possible sex chromosomes an oocyte can have?

X only realized made & wind of philide and sweet

What are the possible sex chromosomes a spermatozoa can have?

X & A Manager Services in Services in the A shippens and a service of the A shippens of the A shippens

What gene is on the Y chromosome that makes a male, male? SRY The Skelen Contains and Con

SRY stands for....

Sex determining region on Y chromosome

Approximation to another than 2000 the Court of the Court of

If there is no SRY, what tract forms? I may melong and it must led against year emos are ted W

fimale

If the SRY gene is not present, what hormone is not expressed?

Anti-mullerian hormone

XX chromosomes mean....

fmak

XY chromosomes mean....

Male

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animonta faliale i terby med been and form what folial structure

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XX with SRY gene....

Phenotypically make

XY with no SRY gene.....

Phenotypically female

What is the Klinefelter syndrome?

XXX

What is the Turner Syndrome?

X

What is Swyer syndrome?

XY W no SRY gene

What is XX male syndrome?

XX W SRY gine

If someone has Turner syndrome, they will be...

Short + stocky w/ under de veloped tract

About how long is the yolk sac still present?

15/:

Primitive sex cords cause the <u>gonada</u> to enlarge and push towards the developing kidney

What is the non-function primitive form of kidney?

Pronephros

What is the definition of the mesonephros?

functional intermediate kidneys, produce urine

..... anea YAZ drive XX

What is the mesonephric ducts also known as?

Wolffian ducts : Mates are

Walves

of the vert emorbacy territal test entering if

the pass along soft at another more productions.

Printing sex conditions the Latinative sex avidance.

Syamble formed aviaming more more and all active

izo dosnosem entro no intible entre item.

Voribile Bridge Land

Campon bridge realisted that are set of the first

Samonony? Part off all terms

SOME THAT TO THE ENGLISH SOLITION

What is also known as the paramesonephric ducts?

Mullarian ducts

What sex has the Mullarian Ducts?

Famale

What sex has the Wolffian Ducts?

male

The Wolffian Ducts are retained and form what tubular structures?

epididymis + vas deferens

The Mullarian Ducts are retained and form what tubular structures? sample ye also XX at tad W

eritabrewot riaug bne egraine of

O Viducts, uterus, cervix, & cranial vagina