

LIFE IN THE WOMB POSTER

FEMALE REPRODUCTIVE SYSTEM

FERTILIZATION & IMPLANTATION

MALE & FEMALE BABIES

Ovary = 22 + X
 Sperm = 22 + Y or X
 X + X = OVA, Y + Y = BOY

DNA HELIX

* Shows inheritance code of cells, large protein etc.

4 WEEKS (4 Mm)

* Head, body structures have begun to form
* But the body does not support itself as it develops

FETAL HEART BEAT

At 27 days from conception, embryo's heart begins to beat 70-80 beats per minute

8 WEEKS (1.5 Cm)

* 80% of structures found in adults present
* Large yolk sac
* Ovaries / Testis, Eye balls and tooth buds begin to form

12 WEEKS (6 Cms)

* Fetal umbilical cord is now formed
* Kidneys produce urine
* Genitals are differentiated

14 WEEKS (9 Cms)

* Limbs very thin
* Umbilical cord folded back to about 60cm long

Life
IN THE WOMB

14 WEEKS (9 Cms)

* Fingers well seen
* Skin almost transparent

16 WEEKS (12 Cms)

* Child's movement felt by mother
* Suckling, Posturing & chest movements present

18 WEEKS (14 Cms)

* Child's hand in view is erect
* Eyes & ears are close to final position

20 WEEKS (25 Cms)

* Hair begins to grow
* Suckle thumb
* Throat from side to side & front to back

22 WEEKS (28 Cms)

* Eyes & eyelids formed
* Hair visible

24 WEEKS (30 Cms)

* Head bones growth continues
* Right eye movement can be measured

28 WEEKS (38 Cms)

* Body now yellowish due to fat of full term baby
* Child's bones contract to body temperature

32 WEEKS (42 Cms)

* Large red umbilical
* Bones fully developed, but soft
* Hair is thick
* Hair grows on the face

36 WEEKS (47 Cms)

* Child will reflex light & turn towards source of light
* Child can grasp firmly

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