

## **SOUTH VALLEY WOMEN'S HEALTH CARE WEEKLY GESTATIONAL DEVELOPMENT**

### WEEK

- 1 Early development of ovarian follicle (egg).
- 2 Egg development complete. Egg released day 13-15.
- 3 Fertilization day 14-16. First cell division 30 hours later. Sixteen cells at 72 hours. Implantation on day 20-21.
- 4 Beginning embryo and placenta.
- 5 Menstrual period missed. Heart tubes begin. Thyroid and nerve development begin. Fetal blood cells start forming. Positive pregnancy test.
- 6 Heart begins to beat. Development begins of eyes, ears, arm and leg buds and lungs.
- 7 Development begins of mouth, nasal pit and liver.
- 8 Upper lip formed. Arms bend. Palate developing. Fetal movement starts.
- 9 eyelids, elbow, external ear, bones and genital formation begins.
- 10 Distinct fingers and toes. Ovaries and testes distinguishable. All structures now present in beginning stages. Heart functions.
- 11 Eyelids closed. Head more rounded.
- 12 Face has profile with chin. Penis and clitoris forms.
- 13 Intestines developing. Early fingernail development.
- 14 External genitalia distinguishable. Well-defined neck.
- 15 Fetus kicks, turns head, swallows and squints.
- 16 Head erect. Vocal cords formed. First fetal movements felt (quickening) 16-20 weeks. Sex identifiable.
- 17 Lower limbs well developed.
- 18 Ears stand out from head.
- 19 Downy lanugo (fine hair) covers body.
- 20 Midpoint of pregnancy.
- 21 Vernix present (greasy coating on baby's skin).
- 22 Hair on head and body.
- 23 Fat beneath skin increases.
- 24 Skin wrinkled and red.
- 25 Fingernails present. Fetus viable.
- 26 Eyebrows and eyelashes.
- 27 Buds form for teeth.
- 28 Papillary membrane disappears from eyes. Fetus hiccups.
- 29 Eyes sensitive to light.
- 30 Eyes re-open. Head hair increases.
- 31 Skin slightly wrinkled.
- 32 Toenails present. Body filling out.
- 33 Testes descending. Fetus growing rapidly.
- 34 Fingernails reach fingertips.
- 35 Skin pink and smooth.
- 36 Gains ½ pound per week. Kidneys mature.
- 37 Lungs mature.

- 38 Toenails reach toe tips.
- 39 Prominent chest. Breasts protrude.
- 40 **Expected delivery date.** Fingernails beyond fingertips.
- 41 Growth slows.
- 42 Thin dry parchment like skin.
- 43 Decreased amniotic fluid.

## GESTATIONAL AGE, LENGTH & WEIGHT TABLE

Note: Figures given are averages. The normal individual may vary widely, particularly at term or after.

Est. Fetal Age (Weeks)	Average Fetal Length (cm)	Average Fetal Length (in.)	Average Fetal Weight (gm)	Average Fetal Weight (lbs)	Average Fetal Weight (oz)
8	4	1.6	1	<	1
9	4	1.6	2	<	1
10	6.5	2.6	4	<	1
11	6.5	2.6	7	<	1
12	9	3.5	14	<	1
13	9	3.5	25	0	1
14	12.5	4.9	45	0	1
15	12.5	4.9	70	0	2
16	16	6.3	100	0	3
17	16	6.3	140	0	5
18	20.5	8.1	190	0	7
19	20.5	8.1	240	0	8
20	25	9.8	300	0	10
21	25	9.8	360	0	13
22	27.5	10.8	430	0	15
23	27.5	10.8	501	1	2
24	30	11.8	600	1	5
25	30	11.8	700	1	9
26	32.5	12.8	800	1	12
27	32.5	12.8	900	2	0
28	35	13.8	1001	2	4
29	35	13.8	1175	2	9
30	37.5	14.8	1350	3	0
31	37.5	14.8	1501	3	5
32	40	15.7	1675	3	11
33	40	15.7	1825	4	0
34	42.5	16.7	2001	4	7
35	42.5	16.7	2460	4	12
36	45	17.7	2340	5	2
37	45	17.7	501	5	9
38	47.5	18.7	2775	6	2
39	47.5	18.7	3001	6	10
40	50	19.7	3250	7	3
41	50	19.7	3501	7	12
42	52.5	20.7	4001	8	14
43	52.5	20.7	4501	9	15