



Weekly Gestational Development

FIRST TRIMESTER

Week

1. Early development of ovarian follicle (egg).
2. Egg development complete. Egg release (ovulation) days 13-15.
3. Fertilization days 14-16. First cell division 30 hours later. Sixteen cells at 72 hours. Implantation on days 20-21.
4. Beginning of embryo and placenta.
5. Menstrual period missed. Heart tubes begin. Thyroid, nerve, and blood cell development begins. 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 forms. Arms bend. Palate developing. Fetal movement.
9. Eyelid, elbow, external ear, bone, and genital formation begin to form.
10. Distinct fingers and toes. Ovaries and testes distinguishable. All structures are now present in beginning stages. Heart functions.
11. Eyelids closed. Head more rounded.
12. Face has profile with chin. Penis or clitoris form.
13. Intestines developing. Early fingernail development.

2ND TRIMESTER

14. External genitalia distinguishable. Well-defined neck.
15. Fetus kicks, turns head, swallows, and squints.
16. Head erect. Vocal cords form. First fetal movements felt (Quickening) at 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 present.

3RD TRIMESTER

27. Buds form for teeth.
28. Pupillary membrane disappears from eyes. Fetus hiccups.
29. Eyes sensitive to light.
30. Eyes reopen. Head hair increases.
31. Skin slightly wrinkled.
32. Toenails present. Body filling out.
33. Testes descending. Fetus growing rapidly.
34. Fingernails reach finger tips.
35. Skin pink and smooth.
36. Gains 1/2 pound per week. Kidneys mature.
37. Lungs mature.
38. Toenails reach toe tips.
39. Prominent chest. Breasts protrude.
40. **Expected delivery date.** Fingernails beyond finger tips.
41. Growth slows.
42. Thin dry parchment-like skin.