



*One Clinic; Two Locations*

*Norman 405.579.4673*

*Midwest City 405.528.0048*

## *Stages of Fetal Development*

### **CONCEPTION**

About two weeks from the first day of your last period, ovulation occurs. Once the sperm has penetrated the egg, the egg shuts down, admitting no more sperm.

At this point, your baby has more than 200 genetically-determined characteristics such as sex, eye color, and hair color. Your baby is at the zygote stage and has half of their genetic makeup from you and half from their father. Over the next five days, the new life travels down the fallopian tube and implants in the lining of the uterus.

Once the baby is successfully implanted, it starts making pregnancy hormone  $\beta$ -hCG, giving you a positive pregnancy test.

### **FIRST TRIMESTER**

*The weeks of pregnancy are determined from the first day of your last menstrual cycle:*

**Week 4** – Positive pregnancy test

**Week 5** – Brain, spinal cord, and heart begin to develop

**Week 6** – Neural tube that will become the spine closes and the heart is pumping blood

**Week 7** – Nostrils and eye lenses start to form. Fingerprint begins to develop (finger pad development determines loop, whirl, or arches are determined by 10 weeks)

**Week 8** – Brainwave activity begins and the baby's arms and legs have grown longer. 8-10 of the baby's organs will be formed

**Week 9** – Elbows and toes can be seen and all the internal organs are forming

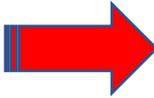
**Week 10** – Breathing movements begin but the baby still gets oxygen through the umbilical cord

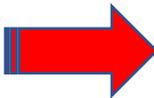
**Week 11** – Facial features develop

**Weeks 12-14** – **Baby makes its own blood cells**, can form a fist and is developing tooth buds. The nose and lips are completely developed.

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## SECOND TRIMESTER

 **Weeks 15-18** – **Oklahoma abortion law allows abortions through 18 weeks** Baby will suck its thumb and kick and now has fine hair. The intestinal tract is functioning.

 **Weeks 19-21** – **Oklahoma abortion law allows abortions through 20 weeks in cases of health issues or life endangerment.** Baby can hear you singing and talking and can feel pain. Fingernails are almost fully grown. You can feel your baby move.

**Weeks 22-25** – Baby has eyelashes and fingernails and is very active. The bone marrow is making blood cells, and the lungs are developing but do not make surfactant which is necessary for the baby to breathe outside of the womb.

**Weeks 26-28** – **Baby's hearing and sight are completely developed now. Your baby can now create tears. If born at this time, your baby would have an 85% survival rate.**

## THIRD TRIMESTER

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**Weeks 29-31** – Rhythmic breathing and body temperature are now controlled by the brain. The lungs are capable of breathing air, although medical help may be needed.

**Week 32-34** – Baby has eyes that are open during alert times and closed during sleep. Almost all babies born at this stage of growth will survive.

 **Week 35-37** – Baby weights about 5.5 pounds at this stage. Muscle and bones are fully developed.

**Week 38-40** – **New York's passed a law January 2019 that allows abortion up to birth.**

Your baby could be born any day now. At the time of birth, a baby has more than 70 reflex behaviors, which are automatic behaviors necessary for survival.

