



# Fetal Development

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# First Tri semester - Pregnancy

- <https://www.youtube.com/watch?v=8312a32dcQc>

# First Trimester

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## 1-3 weeks

Conception or fertilization occurs, marking the beginning of pregnancy. Formation of zygote.

## 1-3 Weeks

The Implantation of blastocysts (many cells) happens in the uterus.

## 4-10 Weeks

Weeks 4-10: Embryonic period - organs start to grow, heart begins to beat, placenta and umbilical cord develop.

## 11-13 Weeks

Weeks 11-13: Fetal period - arms, legs, fingers, toes develop and move, face becomes well formed, baby reaches almost 3 inches in length.

The mother's body undergoes significant changes due to hormonal fluctuations, often resulting in symptoms such as cessation of menstrual periods, nausea (morning sickness), tender breasts, mood swings, and fatigue. It's essential for pregnant individuals to communicate any concerns or questions about their baby's development or their own well-being to their healthcare provider.

# Second tri semester pregnancy

- [https://www.youtube.com/watch?v=usxM\\_dhEK6M](https://www.youtube.com/watch?v=usxM_dhEK6M)

Weeks 14-20:

- Baby grows (3-5 inches)
- Develops features (eyes, hair, sex organs)
- Starts moving, hearing, swallowing

Week 24:

- Lungs formed, heart heard

# Third tri semester pregnancy

- <https://www.youtube.com/watch?v=ikcXKfUvpl8>

## **Weeks 28-40:**

- Baby grows quickly  
(bigger, heavier, stronger bones)
- Lungs mature (practice breathing)
- Develop reflexes (sucking, swallowing)
- Less movement (less space)

## **Delivery:**

- Baby is born!