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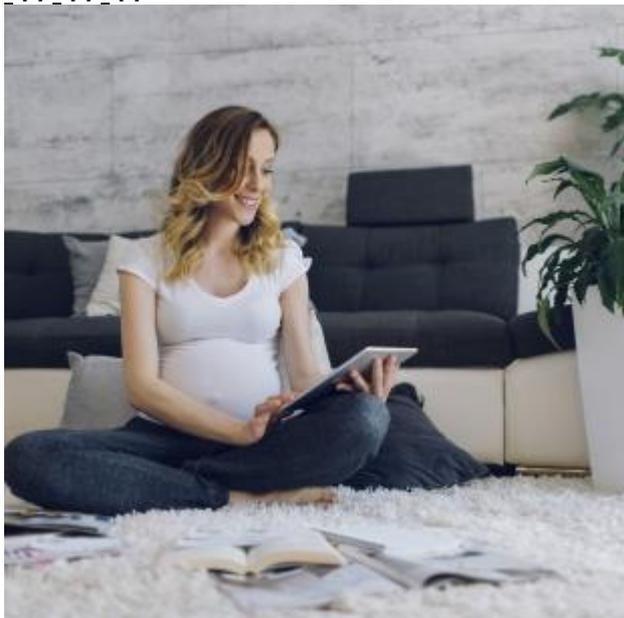


## How Your Baby Develops

How your baby develops

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## How Your Baby Develops

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Monday, February 24th, 2020

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Pregnancy is an exciting time, full of changes and anticipation. Your baby's growing month by month as she gets ready to be welcomed into the world, and in about **40 weeks**, she'll be ready to make her debut.

These 40 weeks are divided into three-month segments called **trimesters**, and each trimester is full of impressive development Milestones.

## 1st Trimester

The **first trimester** is an amazing time when the single-celled **embryo** grows rapidly, developing into a foetus with all major organ systems.

### Month 1

**Conception** usually happens in the middle of your **menstrual cycle**. But, remember, when your doctor calculates your due date, she'll add 40 weeks to the date when your last **period** began. From the very first day after **fertilization**, your tiny **zygote** (created when the **sperm and egg** unite) goes through rapid cell division and multiplication, travelling down the **fallopian tube** and eventually becoming an **embryo** when it reaches the womb.

### Month 2

By this stage your baby's well on her way to becoming a remarkable little human being. Her main organs have started to form, and she has fingers, toes and tiny bumps on either side of her head that are early ears.

### Month 3

Your baby is now called a **foetus** and she's about the size of a grape. She has all of her **organ systems** in place, and she starts to move. With stimulation, she may **squint**, open her mouth and **flex** her fingers and toes. Brain function is also beginning. Your baby's head is becoming more rounded, and her brain, nerves and muscles begin to function.

## 2nd Trimester

Baby's organs are beginning to develop and mature. She's about the size of a grapefruit now, and covered with a creamy, white substance (**vernix caseosa**) that protects her skin from exposure to **amniotic fluid**. Like many women in this trimester, you may feel great energy, strength and happiness. You may not feel as much morning sickness, and your pregnancy starts to show.

## 3rd Trimester

By the last two months of pregnancy, baby's five senses are fully developed. In fact, she's making lots of progress in physical, social and **cognitive development**.

### Physical development

- Makes coordinated sucking movements.
- Swallows **amniotic fluid**, which may introduce her to flavours from Mom's diet.

### Social development

- Hears people talk and distinguishes among some speech sounds.
- Recognizes music that is played repeatedly.

- Twins may interact in the womb.

### **Cognitive development**

- Explores her own hands and face through touch.
- Responds to sounds with movements and a change in heart rate.
- Her brain activity also changes in response to sounds.

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