

# Germ (signpost)

The **embryonic period** includes the first 8 weeks of intrauterine development, during which individual parts of the body differentiate and the foundations of organs and body systems are formed.<sup>[1]</sup>

Embryo development:

- 1st week – fertilization and nesting of the egg;
- 2nd week – the embryo has 2 layers of cells;
- 3rd week – the first missed period in the mother, the embryo has 3 layers of cells;
- 4th week – the embryo already has a human form, the neural tube closes, the bases of the limbs are formed, the embryo measures 4–5 mm;
- 5th week – the initial mouth and the bases of the fingers are formed;
- 6th week – the primary nose and palate are formed, the embryo measures 21–23 mm;
- 7th week – the foundation of the eyelids is formed;
- 8th week – distinct gonads appear (testes or ovaries).<sup>[1]</sup>



7-week human embryo during ectopic pregnancy.



*There are more articles for this query in WikiLectures.*

- First week of embryo development.
- Second week of embryo development.
- Third week of embryo development.
- Fourth to eighth week of embryo development.

## Links

### Related Articles

- Prenatal period: Embryo • Fetus

### References

1. { {Citation | type = book | last name1 = Lebl | first name1 = Jan | last name2 = Provazník | first name2 = Kamil | last name3 = Hejčmanová | first name3 = Ludmila | collective = yes | title = Preclinical Pediatrics | edition = 2 | place = Prague | publisher = Galén |year = 2007 |pages = 3-4|isbn = 978-80-7262-438-6} }