

FETAL DEVELOPMENT

7 to 12 weeks- First Trimester



8 Weeks After Fertilization, peristalsis begins.

- The hypothalamus begins to form
- The diaphragm is present and the embryo makes breathing motions
- Eyebrows begin to form. This ends the embryonic period



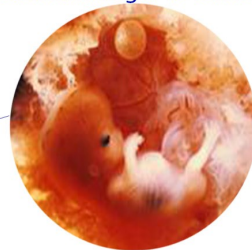
7 Weeks After Fertilization

- Using an electroencephalogram, brainwaves have been recorded at this stage of development
- Taste buds form and hiccups begin
- Fingers and metatarsal bones begin to form



9 to 10 Weeks After Fertilization

- Fetuses have been observed sucking their thumb
- Reaction to touch on their feet, hands, eyelids, and more
- Glomeruli begin to form in the kidneys



12 to 13 weeks after Fertilization

- The oral and nasal cavities divide
- The pituitary gland begins producing thyroid stimulating hormone, follicular stimulating hormone, luteinizing hormone, and prolactin



11 Weeks After Fertilization

- Nose and lips are formed and the fetus can make complex facial expressions
- Genitalia become distinguishable near this time



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Sources available online at: www.med.studentsforlife.org/fetalfacts