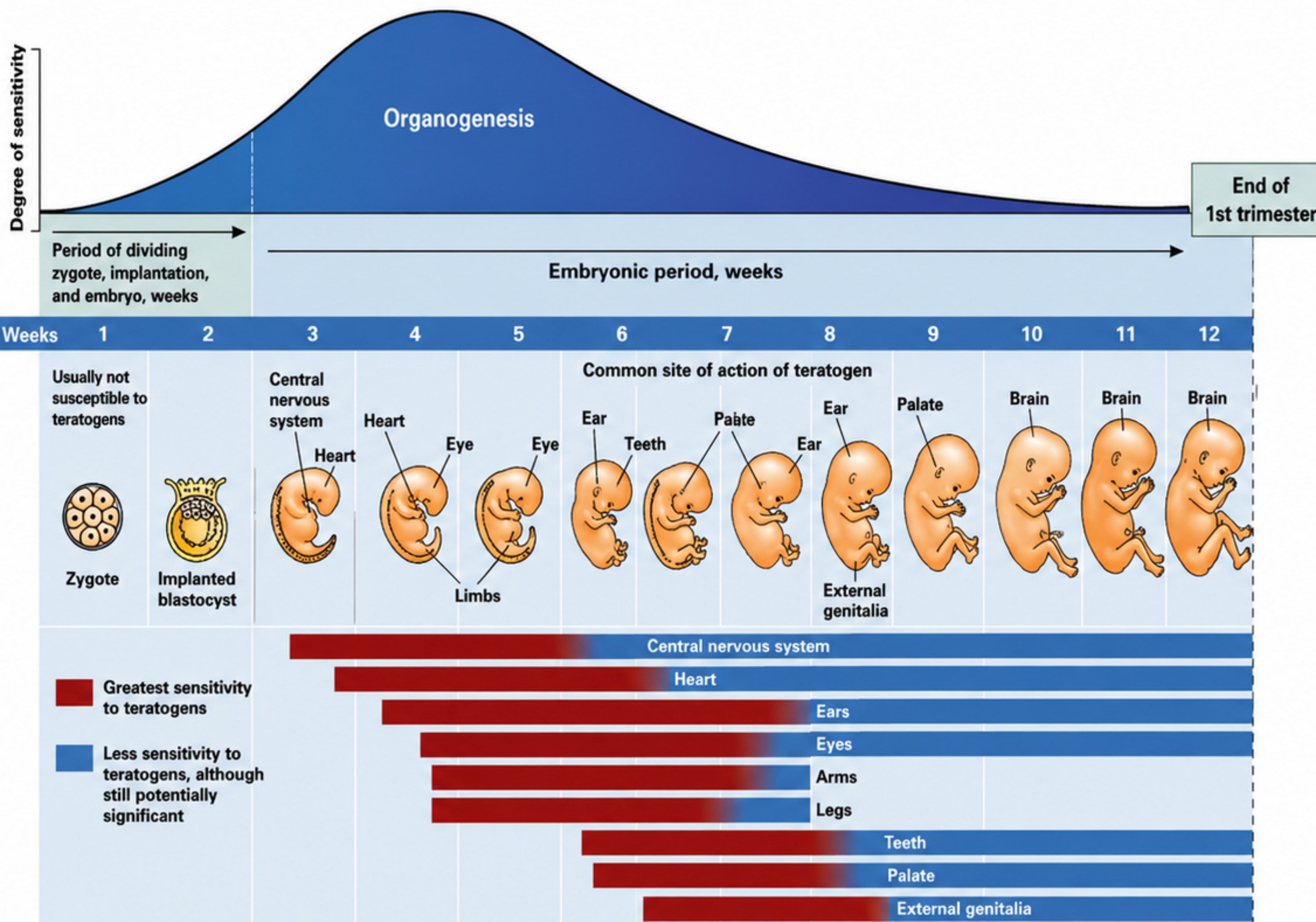


Human Development: Up to 12 Weeks (End of 1st Trimester)



Note: Timing and degree of sensitivity can vary. This chart shows general patterns.

First 12 Weeks

WEEK 1

Last menstrual period. Uterus is thickening to prepare for fertilized egg.

WEEK 2

Ovulation and conception.

WEEK 3

Sperm and egg have merged and travel down fallopian tube.

WEEK 4

Attachment to uterus. Cells start dividing into all future organs. Amniotic and yolk sac forming.

WEEK 5

Two tubes are formed: one for brain and spinal cord, the other for the heart which soon after begins beating.

WEEK 6

Eyes, lungs, limb buds, and digestive system begin forming. Brain and spinal cord developed.

WEEK 7

Limbs are sprouting out. Tongue forming. Hair growth starting.

WEEK 8

Face taking shape with eyes, nose, ears, and upper lip. Bones forming. Webbed fingers and toes present.

WEEK 9

Legs fully formed. Movement begins. Internal reproductive organs forming.

WEEK 10

Profile well defined. Eyes are open. Brain connections are forming. Fingers and toes no longer webbed. Fingerprint ridges start forming from friction.

WEEK 11

Fingernails and irises in the eyes are forming. External genitalia start forming.

WEEK 12

Kidneys start producing urine and teeth are forming.