

# Day Twenty-One

## Heartbeat Starts

Though only 1/25 of an inch, the baby has developed into three distinct layers: the ectoderm, the mesoderm, and the endoderm. The outer layer of the ectoderm becomes the neural tube where the brain, spinal cord, spinal nerves, and backbone develop. Development of the bones and muscles takes place in the mesoderm, whereas in the innermost layer, or the endoderm, the heart and lungs are forming. Already, his heart beats at 75-80 bpm. Mom is considered four weeks pregnant at this time.



Wellcome Images

**The Abortion Breaks Tiny Hearts Campaign**