



The process of neurulation. **(A)** The notochord forms from mesoderm on the dorsal (back) side of the embryo. **(B)** The neural tube starts as a plate of ectoderm just above the developing notochord. **(C)** The edges of this plate fold inward, meeting to form a hollow tube surrounded by cells. The neural tube pinches off from the ectoderm and develops into the spinal cord and brain. **(D)** Cells migrate from the meeting margins of the neural tube and eventually form other organs, bone, and muscles.