The following 2 slides show a left sagittal and a superior view of the human brain. The subsequent 37 figures are coronal sections cut through a human brain which had been fixed in 10% paraformaldehyde sectioned with a commercial meat slicer and then stained by the method of LeMasurier, H.E., Arch. Neurol. Psychiat., 34: 1065, 1935. The sections begin at the caudal end of the brain and the posterior and anterior surface of each section is presented in order. Orientation is provided by the letter R which indicates the upper right corner of the brain section. The approximate location of the cut through the brain is shown on the small sagittal view of the brain shown on the posterior views only. Labeling of structures is based primarily on the atlas “The Human Brain in Dissection”, 2nd Edition by D.G. Montemurro and J.E. Bruni, Oxford University Press, 1988. Structures once identified may not always be labeled on subsequent sections.

William W. Morgan, Ph.D.
Department of Cellular and Structural Biology
The University of Texas Health Science Center
San Antonio, Texas 78229-3900
Surface anatomy of the left side of brain
Geniculocalcarine tract

Calcine sulcus
Lingual gyrus
Collateral sulcus
Occipitotemporal sulcus
Nodulus
Tonsil
Medulla
Only the brainstem has been turned over on the next section
Inferior colliculus
Cerebral aqueduct
Periaqueductal gray
Decussation of superior cerebellar peduncles
Tail of caudate
Fornix
Pulvinar of thalamus
Hippocampus
Lateral lemniscus
Medial lemniscus
Middle cerebellar peduncle
Pontine nuclei
Corticospinal tract
The End