Big Blue Pictures and Plastic Embedded Brains

inferior cerebellar peduncle
pyramid
fourth ventricle

locus ceruleus
pontine nuclei
middle cerebellar peduncle
superior cerebellar peduncle

aqueduct
cerebral peduncles
red nucleus
substantia nigra
superior and inferior colliculi

hypothalamus
mammillary bodies
thalamus
third ventricle

corpus callosum
internal capsule
lateral ventricles

brain stem sections. especially rostral medulla, pons, midbrain and pretectum

brain stem injury cases (4) - for each case, when shown a picture of the lesion:
  i) know one name for the brain stem injury
  ii) know one blood vessel associated with the injury
  iii) be able to specify two problems that result from the injury
MRIs

Horizontal

superior cerebellar peduncle
middle cerebellar peduncle
inferior cerebellar peduncle (approx location)

fourth ventricle

medulla
olive
inferior olive (approx location)
pyramids (approx location)

pons
pontine nuclei (approx location)

midbrain
cerebral peduncles
substantia nigra
red nuclei
decussation of superior cerebellar peduncle (approx location)
inferior colliculus
superior colliculus
cerebral aqueduct (approx location)

optic nerve, optic chiasm and optic tract

cerebellum
vermis
lateral hemispheres

lateral ventricles
third ventricle

locations of hypothalamus and thalamus

internal capsule

blood vessels
basilar artery
Sagittal
- corpus callosum
- splenium and genu
- cingulate gyrus
- parietooccipital sulcus
- calcarine sulcus
- cerebellar tonsil
- midbrain
- cerebral aqueduct
- tectum - superior and inferior colliculi
- tegmentum
- location of cerebral peduncle
- pons
- location of pontine nuclei
- tegmentum
- medulla
- fourth ventricle
- location of pyramid
- cervical spinal cord
- third ventricle
- thalamus
- hypothalamus
- mammillary body
- location of third ventricle

Coronal
- lateral ventricles
- third ventricle
- thalamus
- location of hypothalamus
- superior cerebellar peduncles
- middle cerebellar peduncles
- inferior cerebellar peduncles
- corpus callosum
- cingulate gyrus
- insula
- internal capsule (pretty fuzzy)
- cerebellum - vermis and hemispheres

Major Arteries
- internal carotid
- middle cerebral
- anterior cerebral
- posterior cerebral
- basilar
- vertebral