Brain Division

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Coverings
   Cranial Meninges
      outer: dura matter
          Divides Brain
             falx cerebri
              falx cerebelli
             tentorium cerebelli
       arachnoid matter
      inner: pia matter
Cerebellum
   Each Hemisphere (2)
       Connected by Vermis
   Function
       Movement Coordination and Balance
   Problems
      Ataxia
Cerebrum
   Each Hemisphere (2)
       Frontal Lobe
          Character
          Logic
          Learning
          Motor Area
          Broca's Speech Area (Motor aspect)
      Temporal Lobe
          Inteligence
          Memory
             New Learning
              Storage
              Old and Recent Events
          Speech (Cognitive Aspect)
       Parietal Lobe
          Visual Spacial
          Music / Art
          Integrates impulses
       Occipital Lobe
          Vision Area
      Connected by Corpus Callosum
   Outer structure
      Gyrus / Convolutions
          folds
       Sulcus
          grooves between folds
      Fissure
          deepest grooves
General
   ipsilateral control (oposite side)
       Motor
       Sensorv
   20% at rest consumption of glucose and Oxygen
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Blood-Brain Barrier

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Areas of Control
      Left
          Sensory / Motore
          Reasoning
          Numeric and Scientific skills
          Spoken / Written Language
          Ability to understand sign language
       Right
          Sensory / Motor
          Art / Music
          Space and Patter Perception
          Face / Emotional recognition
          Emotional aspect of language
          Odor differentiation
Brain Stem
   Midbrain
   Pons
      Integration
      Face and Eye nerve source
   Medulla Oblongata
      Autonervous system
Diencephalon
   Epithalmus
      Integration Area
   Thalamus
      Relay station of senses
          Pain
   Hypothalmus
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Temperature regulation

Sleep Appetite Pineal Gland