Central nervous system

Peripheral nervous system

brain

spinal cord

cranial nerves

spinal nerves

spinal nerves
The Cerebral Cortex – Division into Lobes

- Frontal lobe
- Occipital lobe
- Temporal lobe
- Parietal lobe

**NEUROSCIENCE, Fourth Edition, Appendix, Figure A3 (Part 2)**
The Frontal lobe
Damage of the right parietal lobe

(B) Normal

Right hemisphere lesion (severe left neglect)
Damage of the right parietal lobe

(A) "Draw a house"

Model    Patient's copy

(B) "Bisect the line"
The Basal Ganglia

(C)

Level of section shown in (A)  

Level of section shown in (B)

Nucleus caudatus

Putamen
Diencephalon
horizontal section

Thalamus
Hippocampus seen from below (parts of the temporal lobes removed)