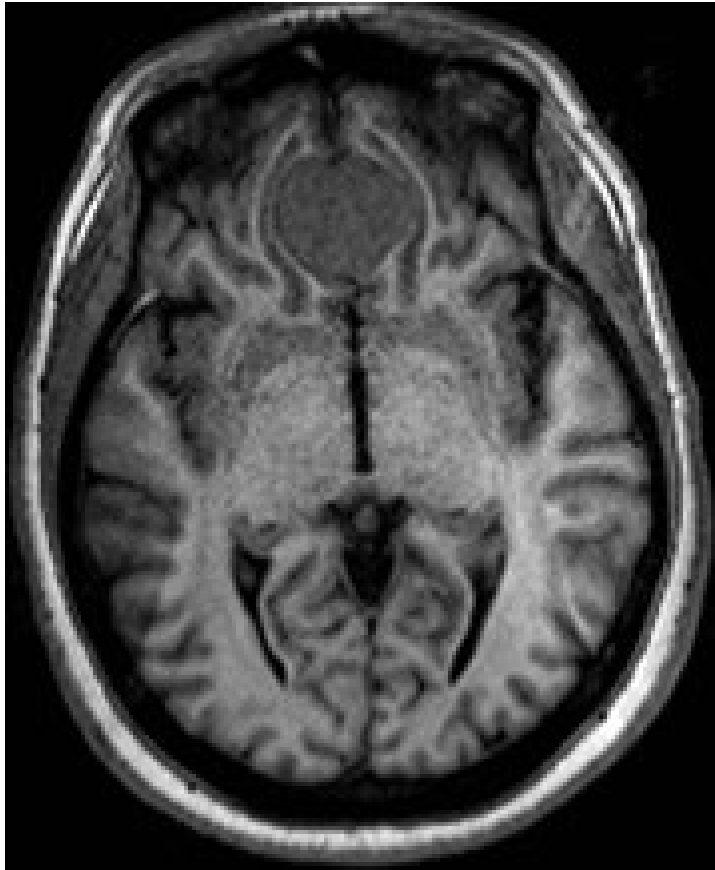


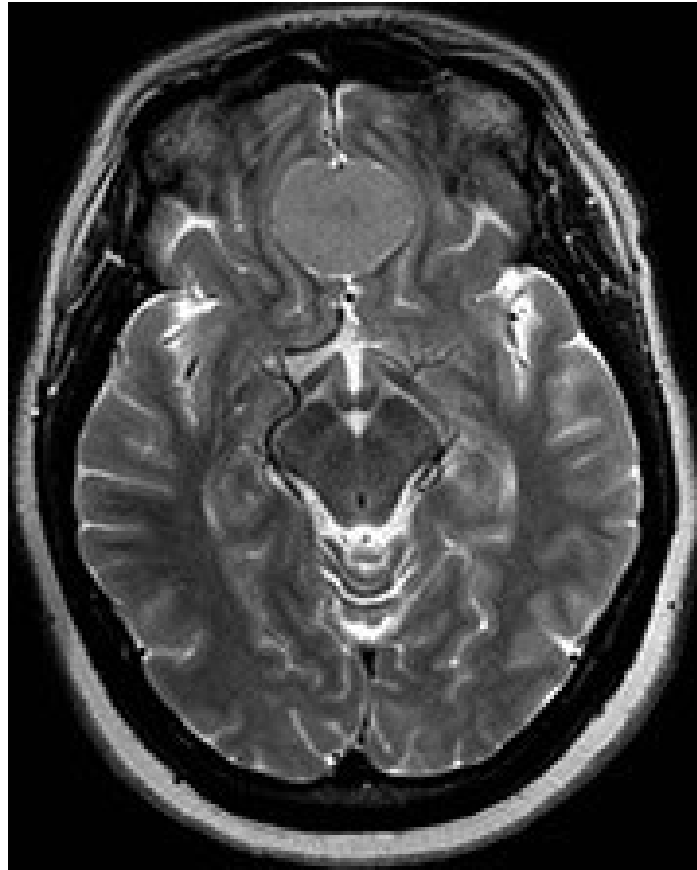
Supplemental Brain Images

Online resources for Clinical Neuropsychology: A Pocket Handbook for
Assessment, Fourth Edition

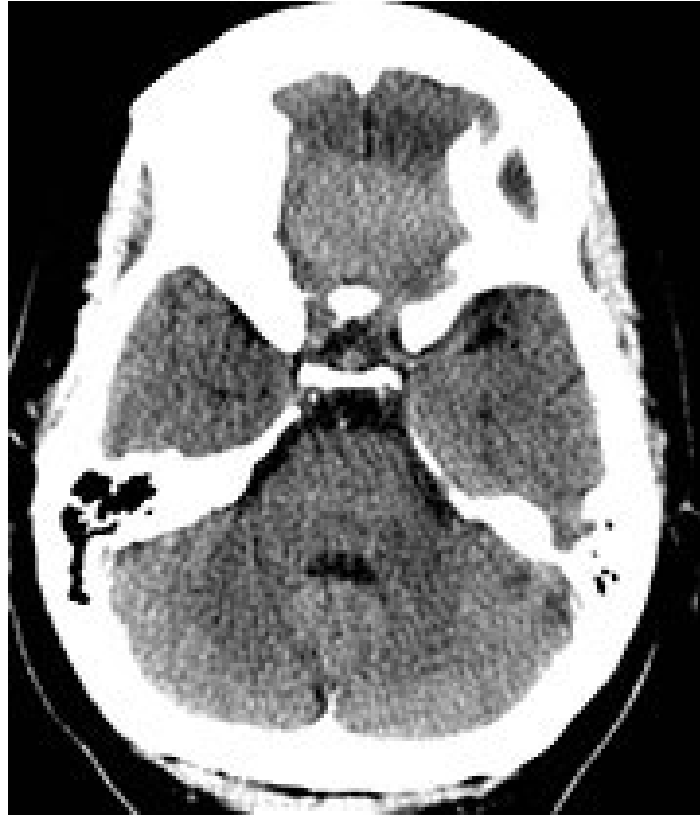
Michael W. Parsons, PhD and Michelle M. Braun, PhD



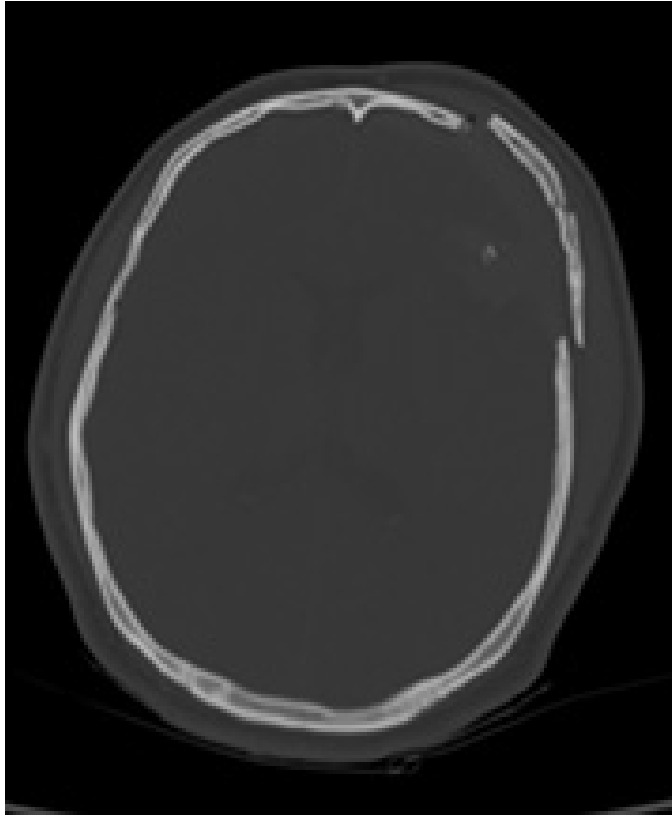
Supplemental Figure 8.1a: Meningioma case example – T1 weighted MRI.



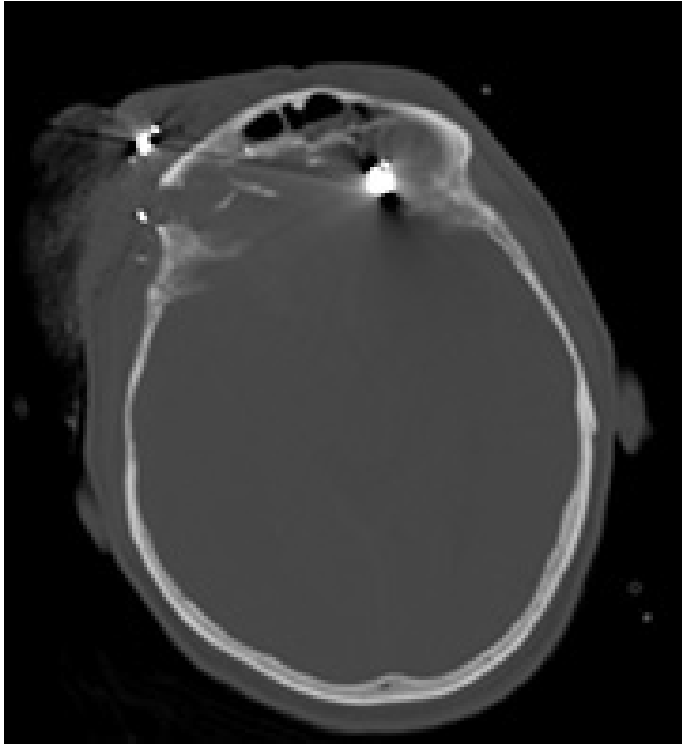
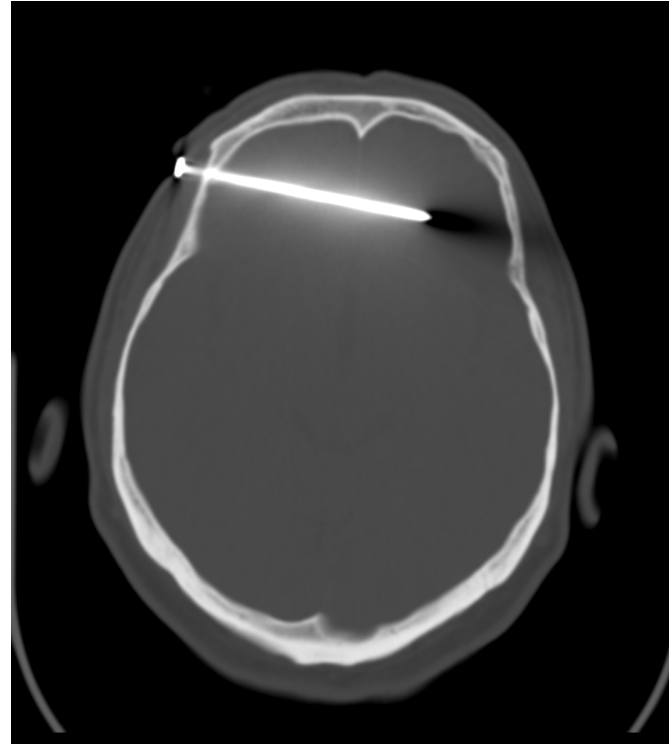
Supplemental Figure 8.1b: Meningioma case example – T2 weighted MRI.



Supplemental Figure 4.3i: Meningioma case example - CT.



Supplemental Figure 8.2a: CT images—Skull fracture secondary to trauma.



Supplemental Figure 8.2a: CT images—Foreign bodies.



Supplemental Figure 8.2b: CT images—Intracranial blood secondary to hemorrhage. Blood appears as a hazy bright substance in the subarachnoid spaces at the base of the brain.



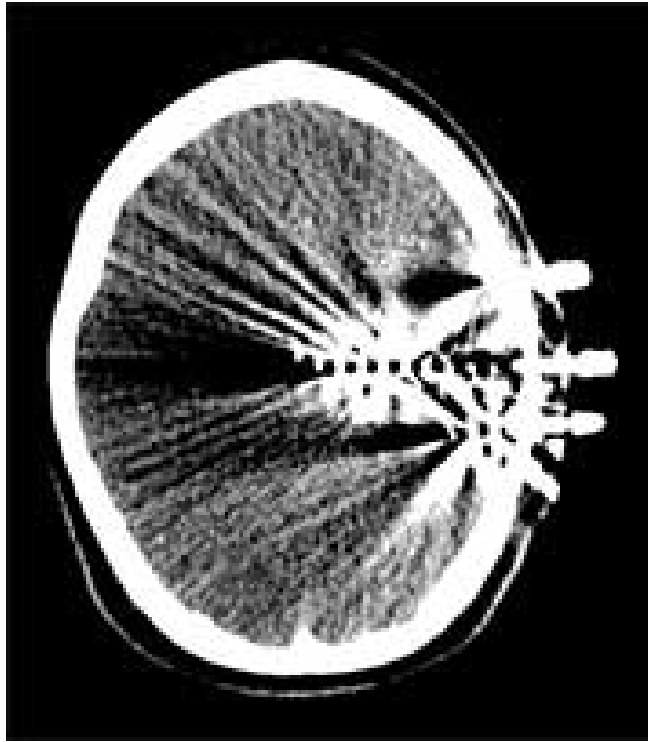
Supplemental Figure 8.2c: CT images—Intracranial blood secondary to hemorrhage. Blood appear in the sulcal space at a more superior level in a patient with diffuse hemorrhage.



Supplemental Figure 8.2d: CT images—intracranial blood secondary to hemorrhage. A focal intraparenchymal hemorrhage produces a more densely bright focus in the right frontal lobe of another patient.



Supplemental Figure 8.2e: CT images—intracranial blood secondary to trauma.



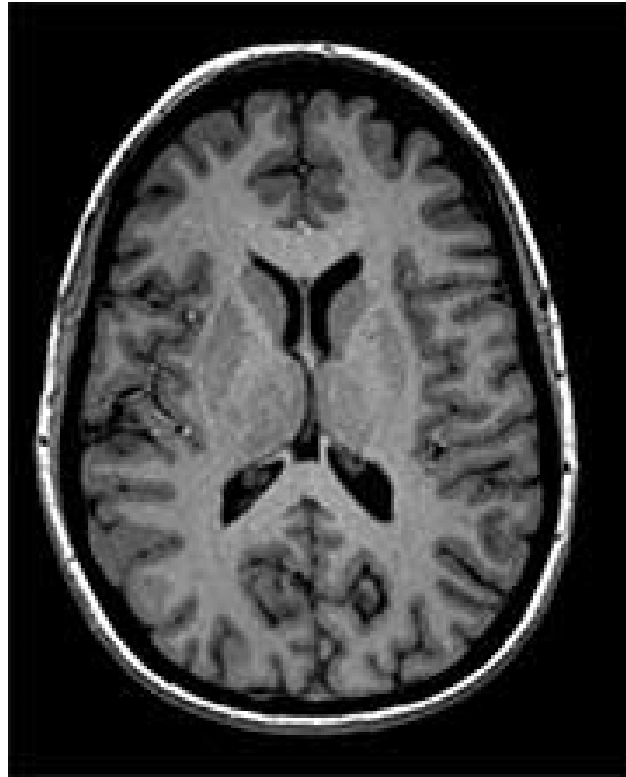
Supplemental Figure 8.2f: CT images—Intracranial localization of electrodes. Contact point on the electrode creates a metallic “spray” artifact.



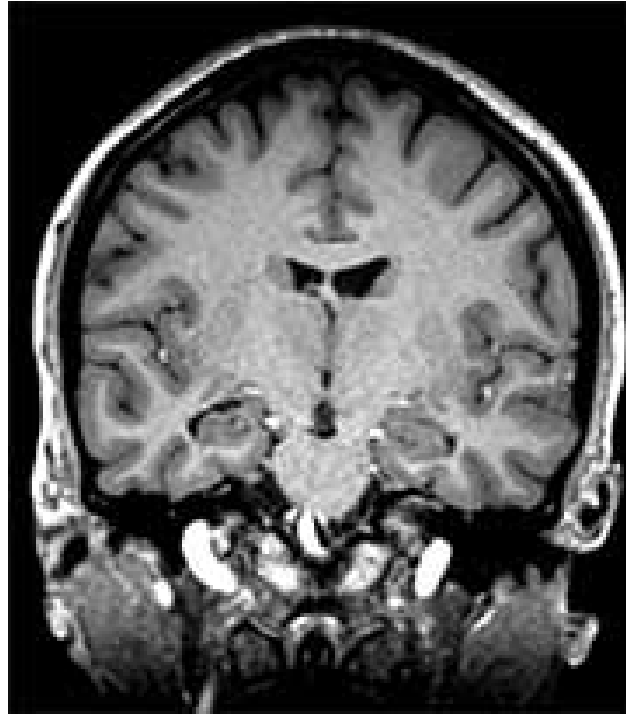
Supplemental Figure 8.2g: CT images—Intracranial localization of electrodes. A three-dimensional CT reconstruction illustrating electrode placement superficially.



Supplemental Figure 8.2h: CT images of abnormal basal ganglia, thalamic, white matter, and cerebellar calcification in a patient with Fahr's syndrome.



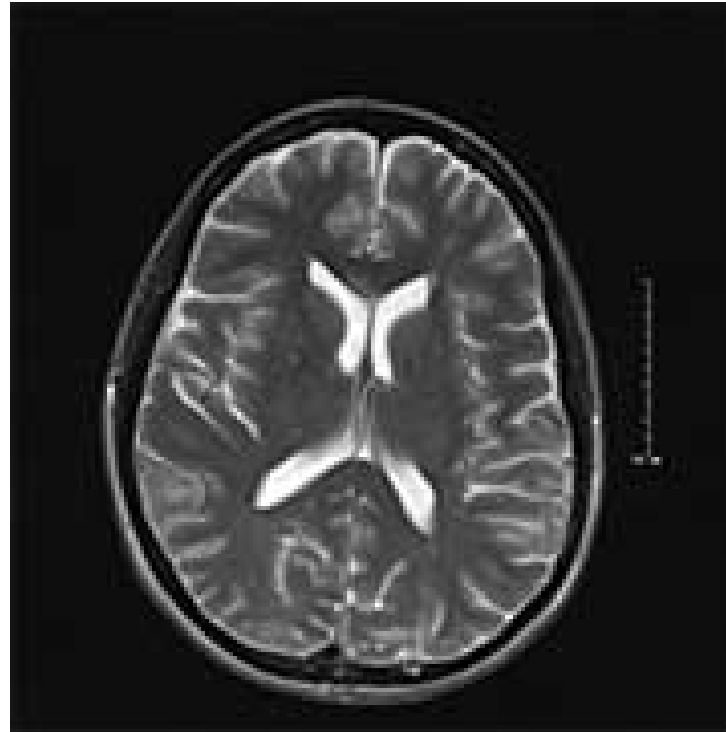
Supplemental Figure 8.3a: MR images—Normal tissue contrasts—T1 Axial.



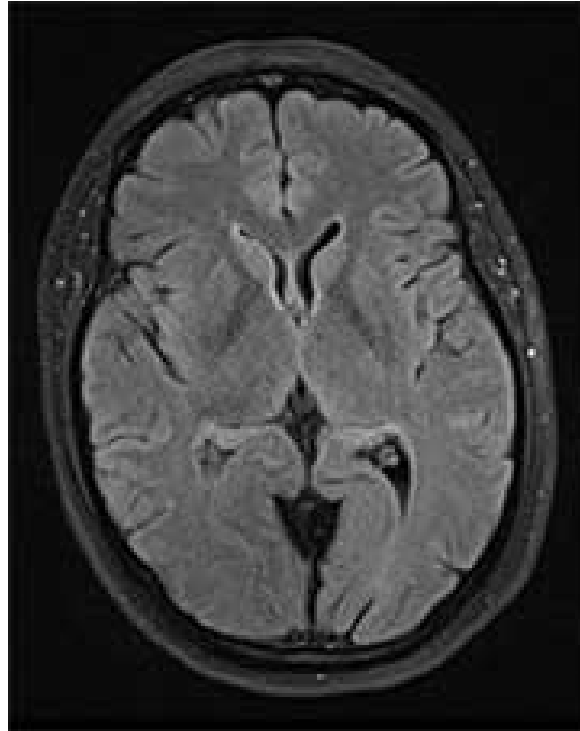
Supplemental Figure 8.3b: MR images—Normal tissue contrasts—T1 Coronal.



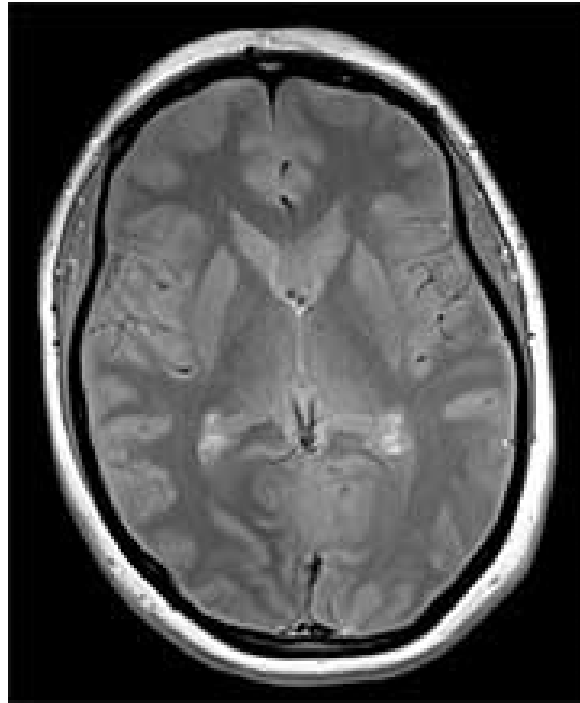
Supplemental Figure 8.3c: MR images—Normal tissue contrasts—T1 Sagittal.



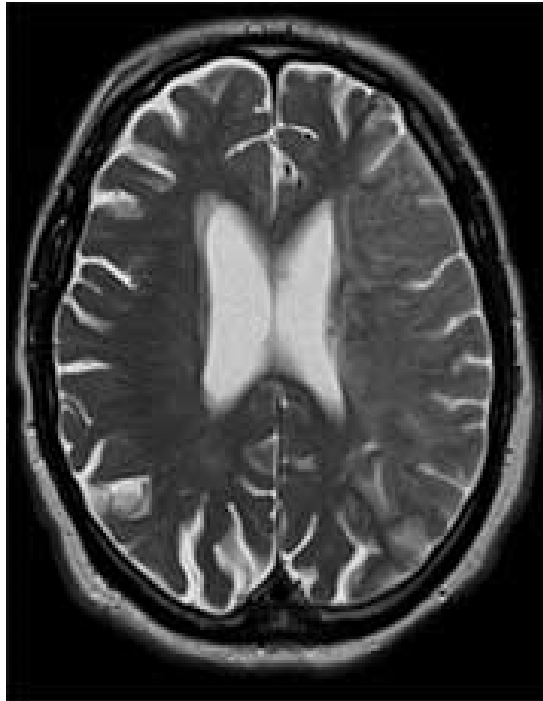
Supplemental Figure 8.3d: MR images—Normal tissue contrasts—T2.



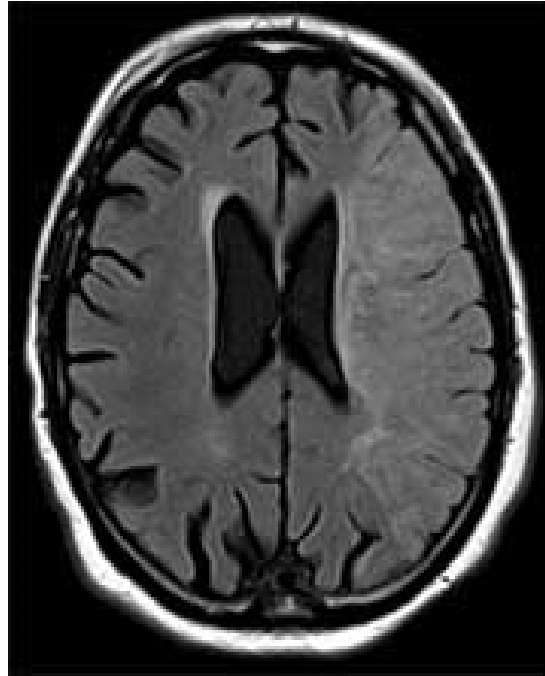
Supplemental Figure 8.3e: MR images—Normal tissue contrasts—T2/FLAIR.



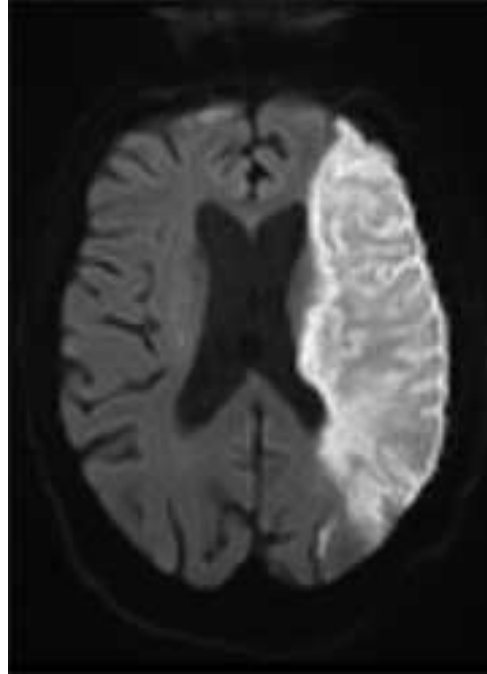
Supplemental Figure 8.3f: MR images—Normal tissue contrasts—Proton Density.



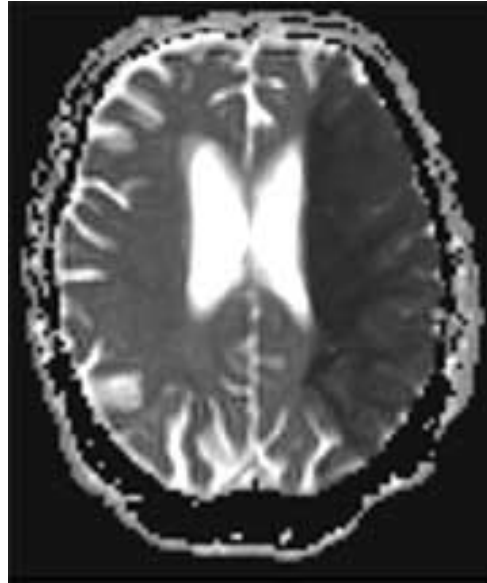
Supplemental Figure 8.4a: MR images—Stroke—Acute—T2.



Supplemental Figure 8.4b: MR images—Stroke—Acute—FLAIR.



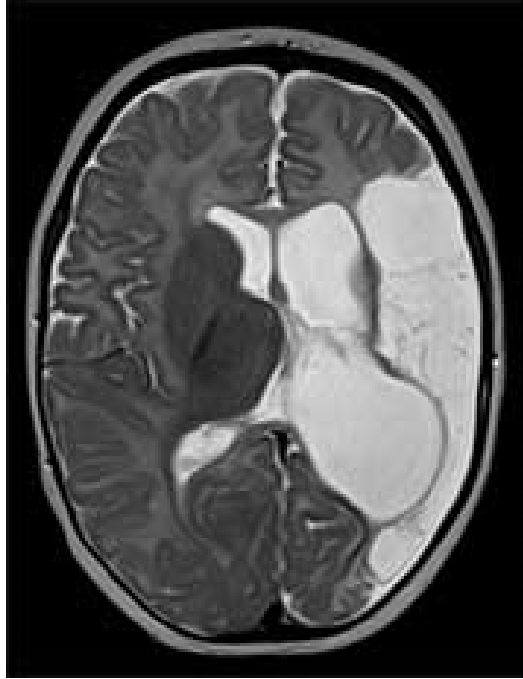
Supplemental Figure 8.4c: MR images—Stroke—Acute—DWI.



Supplemental Figure 8.4d: MR images—Stroke—Acute—ADC.



Supplemental Figure 8.4e: MR images—Stroke—Remote—T1.



Supplemental Figure 8.4f: MR images—Stroke—Remote—T2.



Supplemental Figure 8.4g: MR images—Stroke—Remote—FLAIR.



Supplemental Figure 8.4h: MR images—Stroke—Remote—DWI.



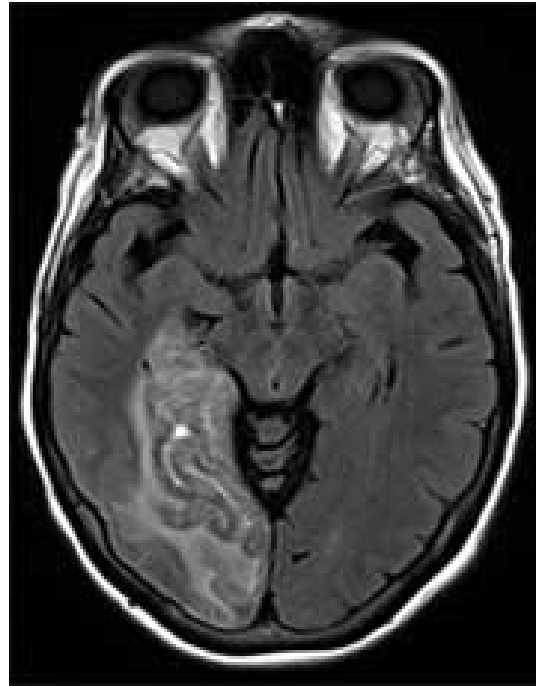
Supplemental Figure 8.4i: MR images—Stroke—Remote—ADC.



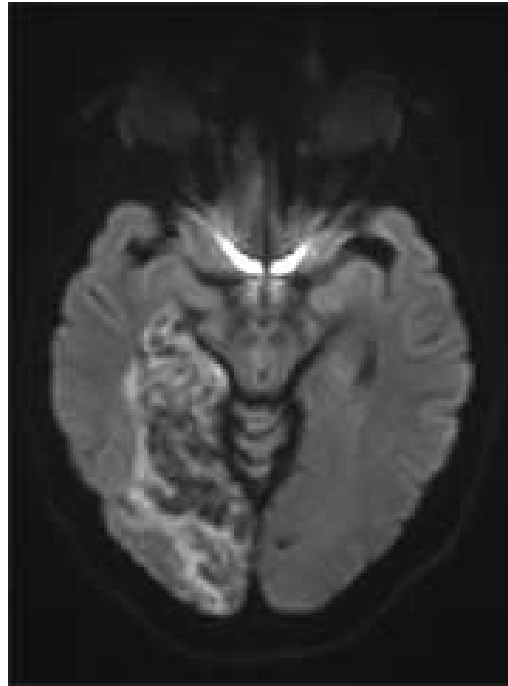
Supplemental Figure 8.4j: MR images—Stroke—Hemorrhagic—T1.



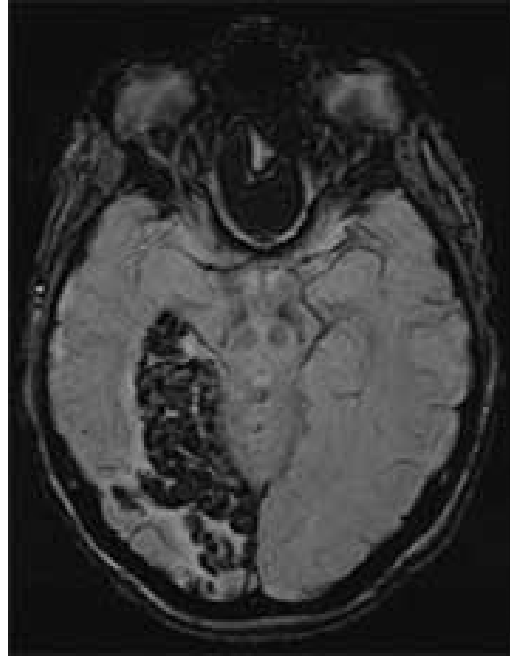
Supplemental Figure 8.4k: MR images—Stroke—Hemorrhagic—T2.



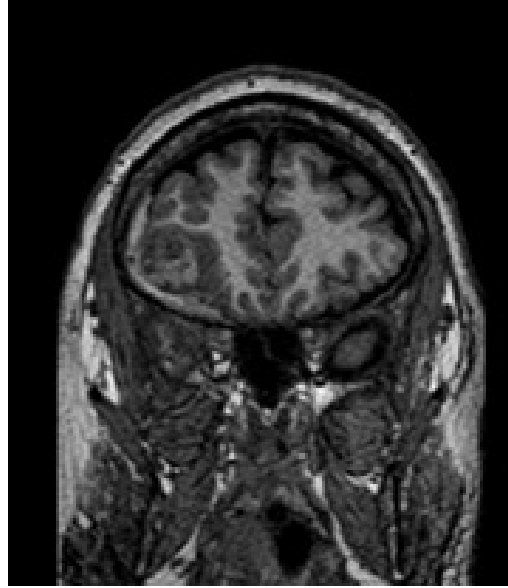
Supplemental Figure 8.4I: MR images—Stroke—Hemorrhagic—FLAIR.



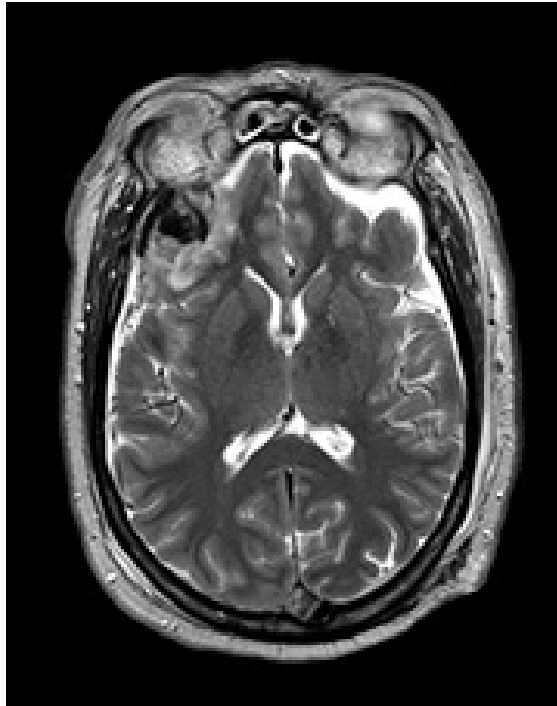
Supplemental Figure 8.4m: MR images—Stroke—Hemorrhagic—DWI.



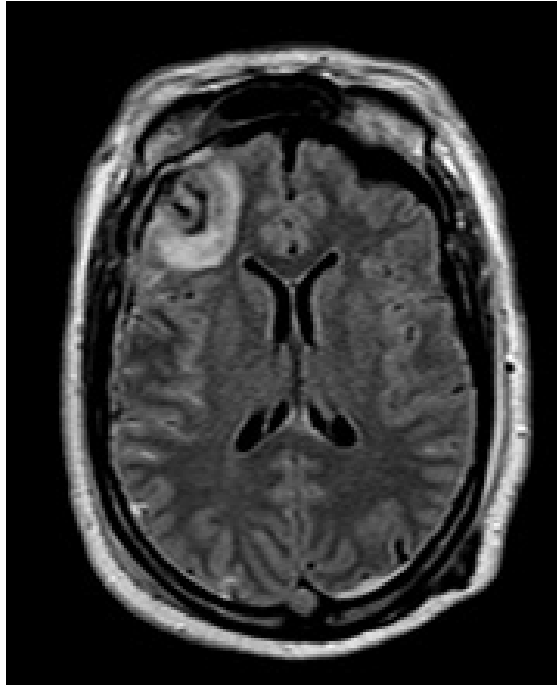
Supplemental Figure 8.4n: MR images—Stroke—Hemorrhagic—SWI.



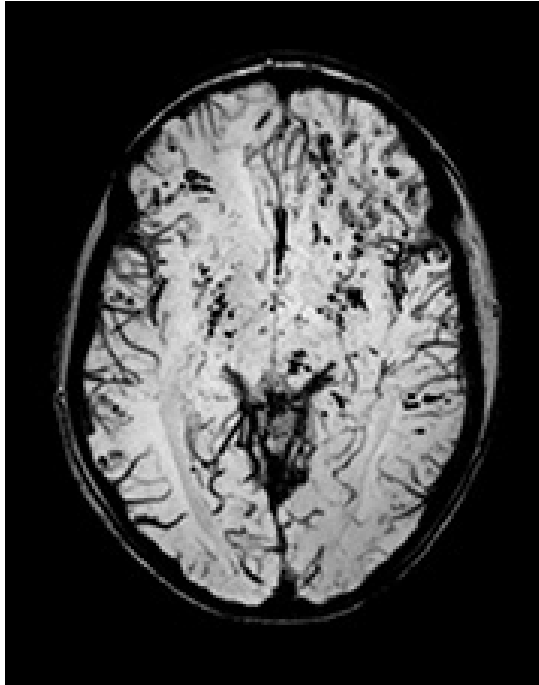
Supplemental Figure 8.4o: MR images—Traumatic hemorrhage—T1.



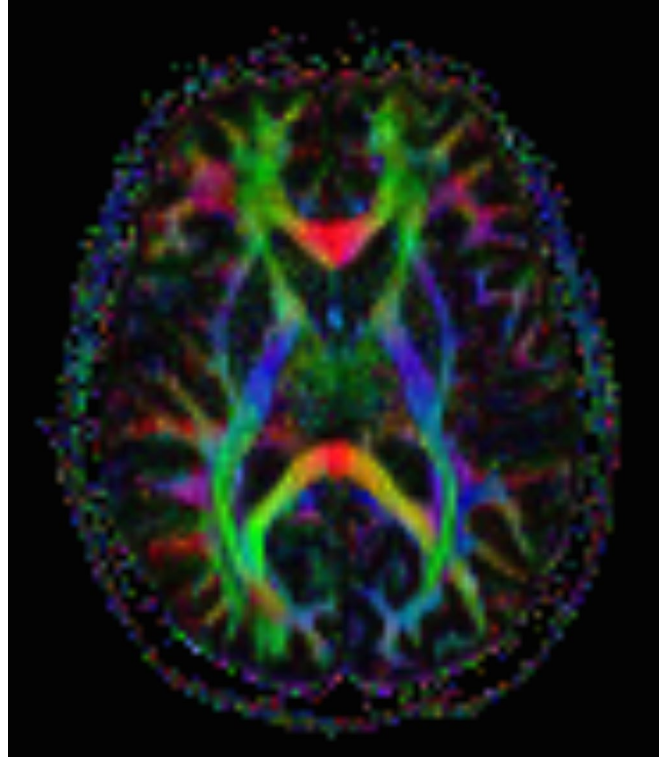
Supplemental Figure 8.4p: MR images—Traumatic hemorrhage—T2.



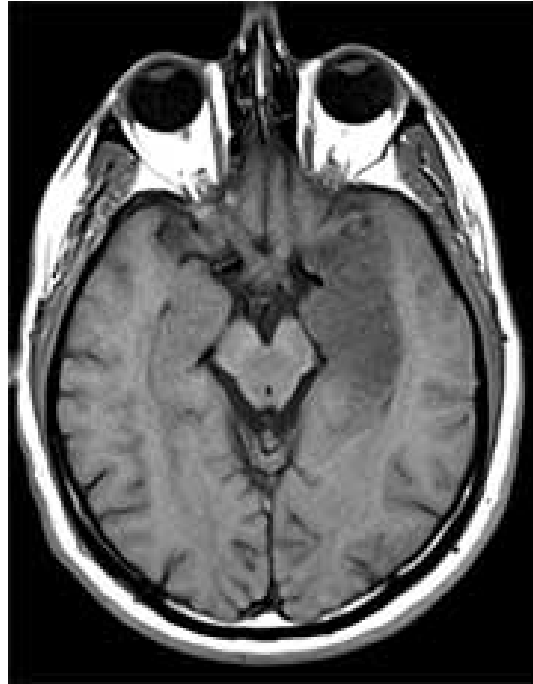
Supplemental Figure 8.4q: MR images—Traumatic hemorrhage—FLAIR.



Supplemental Figure 8.4r: MR images—Traumatic hemorrhage—SWI.



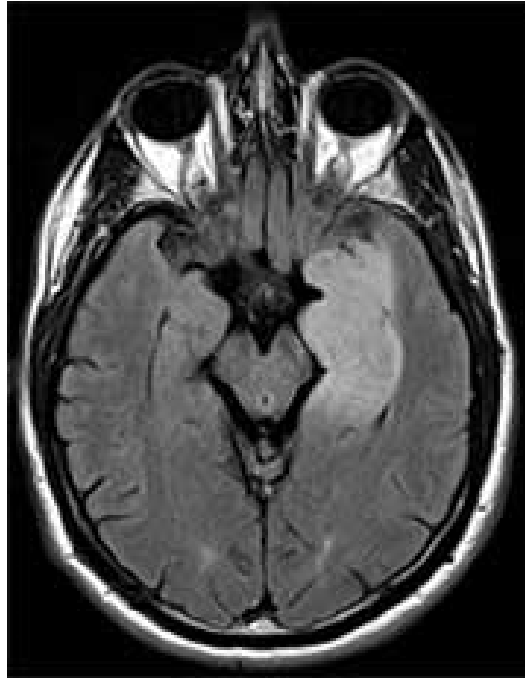
Supplemental Figure 8.5: MR images—DTI tractography



Supplemental Figure 8.6a: MR images—Low grade brain tumor—T1.



Supplemental Figure 8.6b: MR images—Low grade brain tumor—T2.



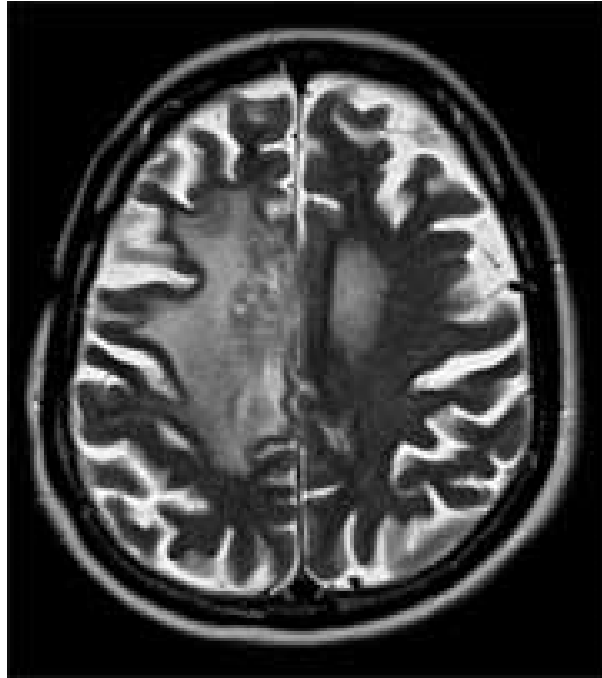
Supplemental Figure 8.6c: MR images—Low grade brain tumor—FLAIR.



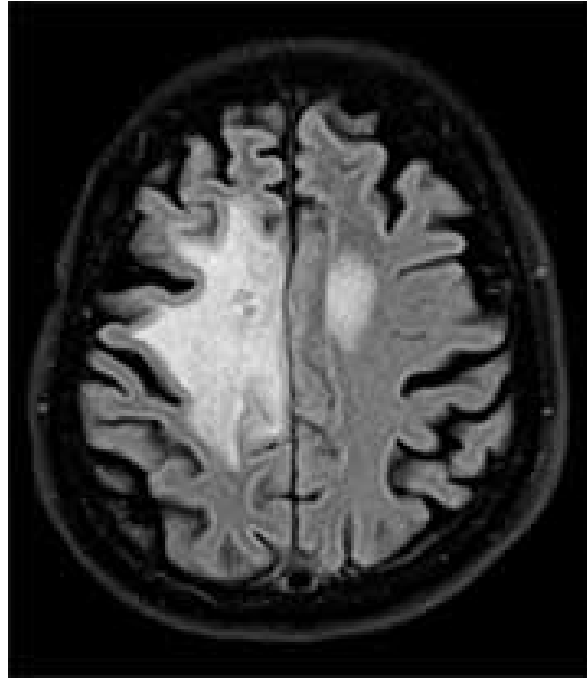
Supplemental Figure 8.6d: MR images—Low grade brain tumor—T1 + Contrast.



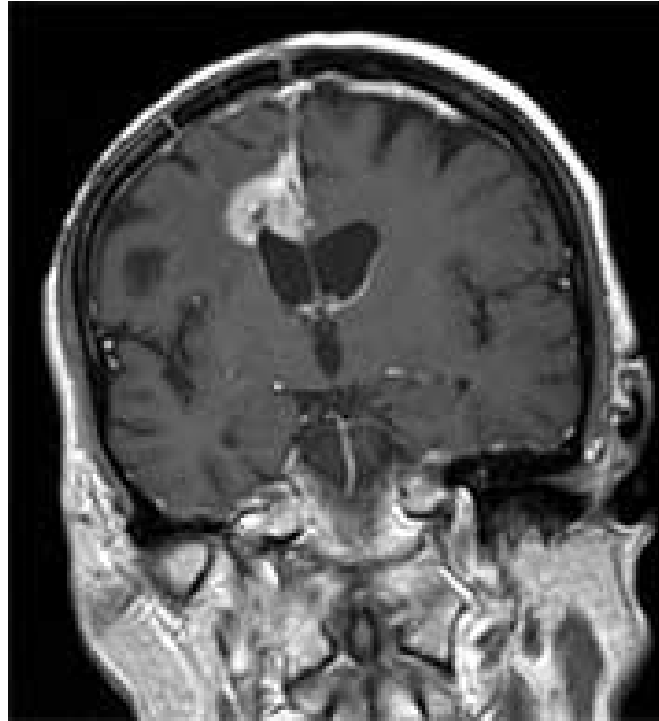
Supplemental Figure 8.6e: MR images—High grade brain tumor—T1.



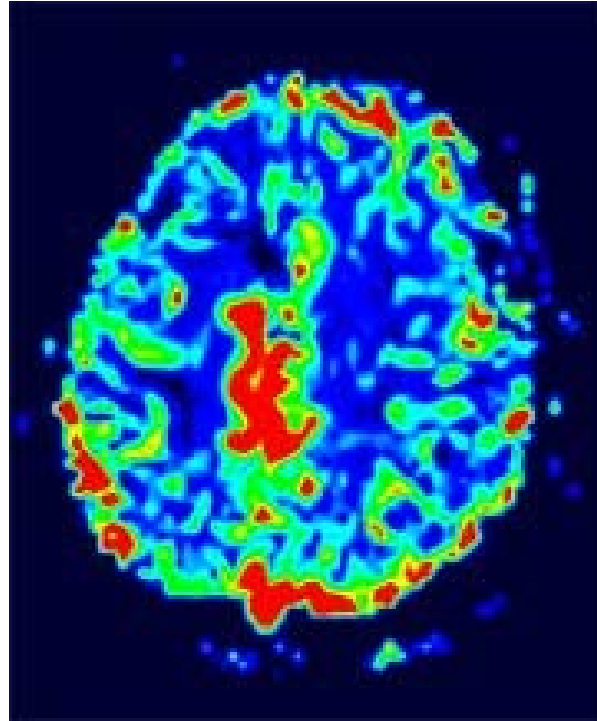
Supplemental Figure 8.6f: MR images—High grade brain tumor—T2.



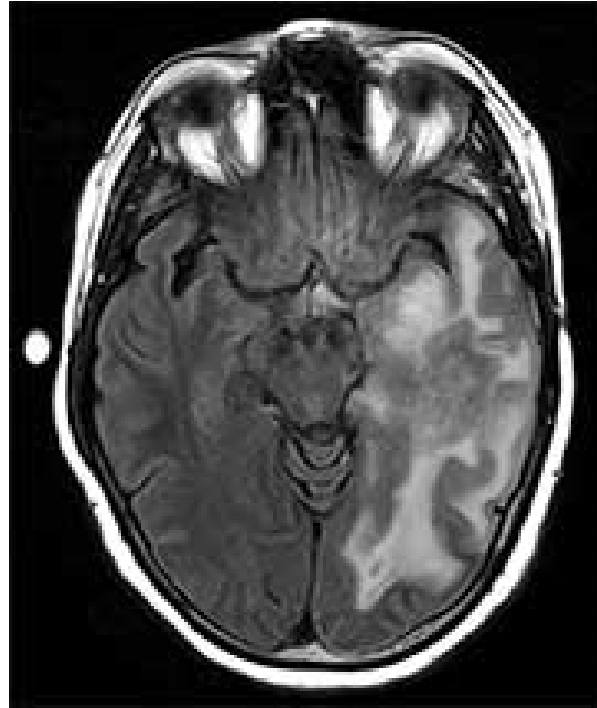
Supplemental Figure 8.6g: MR images—High grade brain tumor—FLAIR.



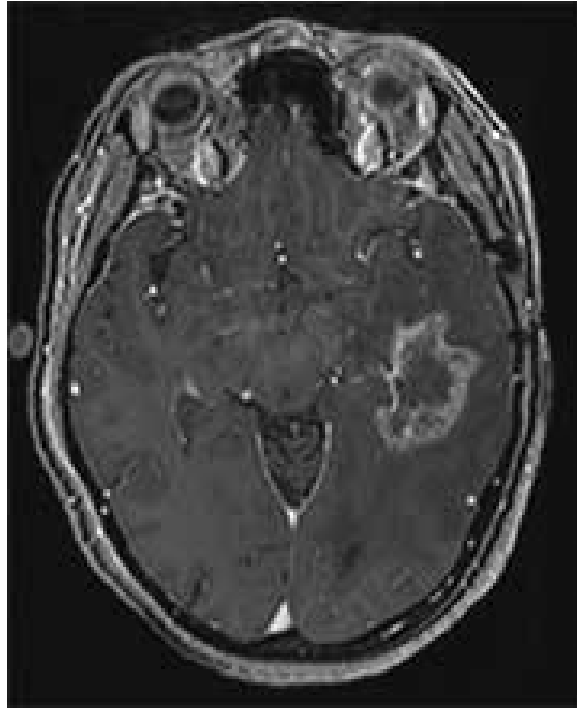
Supplemental Figure 8.6h: MR images—High grade brain tumor—T1 Contrast.



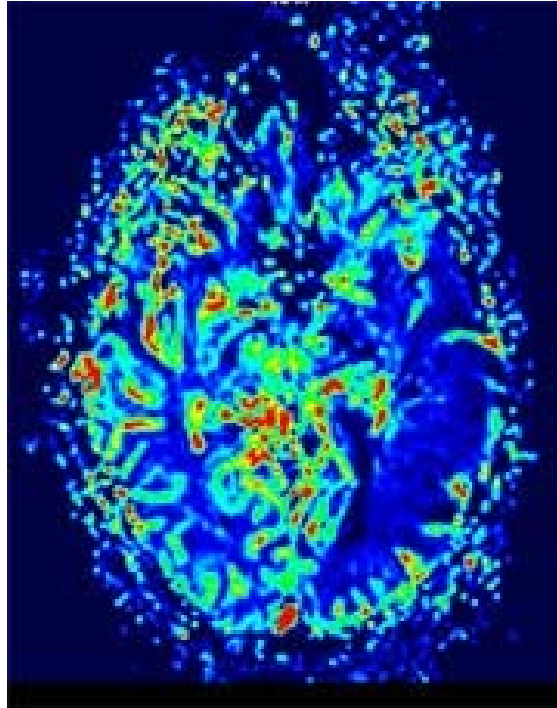
Supplemental Figure 8.6i: MR images—High grade brain tumor—CBF.



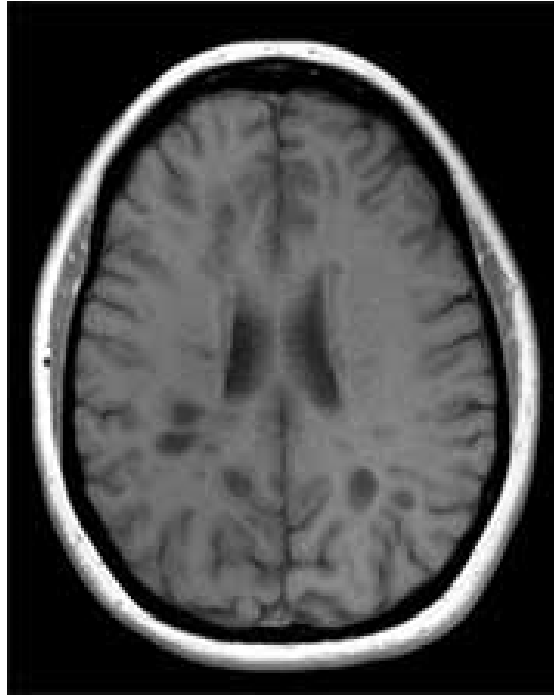
Supplemental Figure 8.6j: MR images—High grade brain tumor—Radiation necrosis—FLAIR.



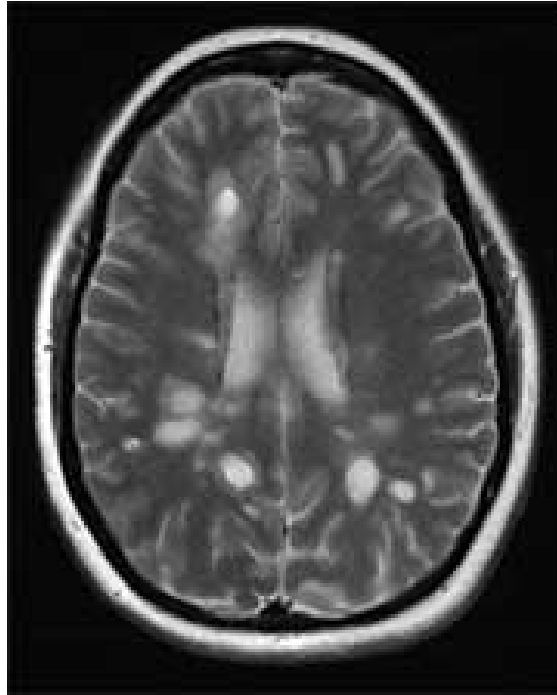
Supplemental Figure 8.6k: MR images—High grade brain tumor—Radiation necrosis—T1 Contrast.



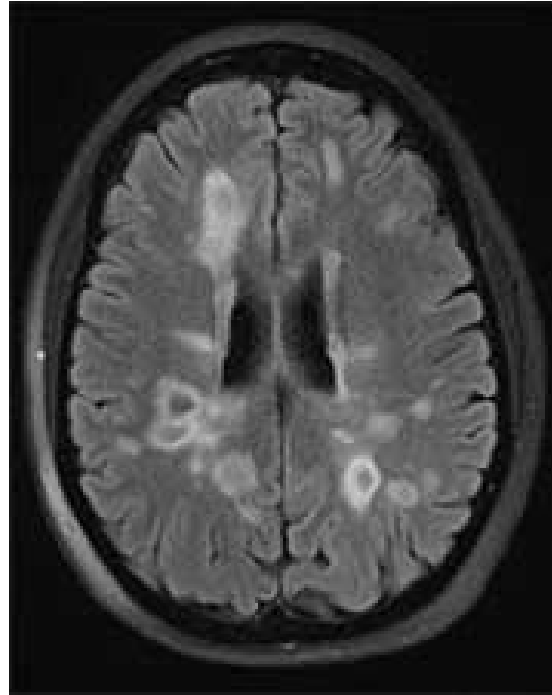
Supplemental Figure 8.6l: MR images—High grade brain tumor—Radiation necrosis—Cerebral blood flow.



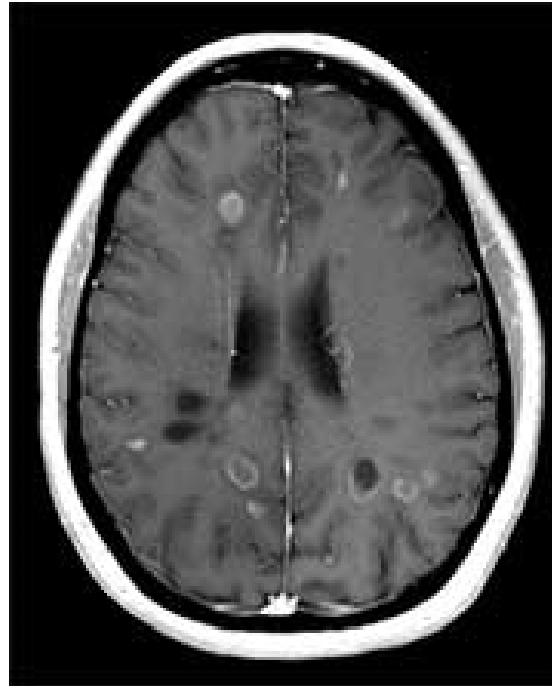
Supplemental Figure 8.7a: MR images—Multiple sclerosis—T1.



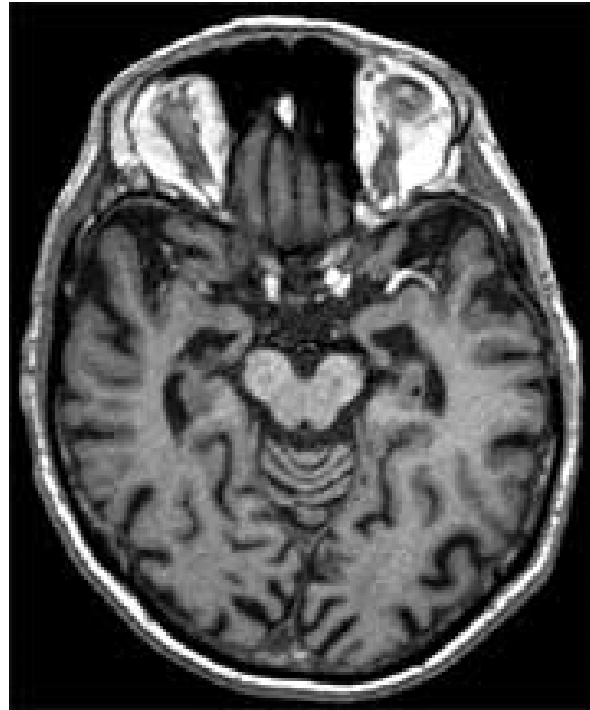
Supplemental Figure 8.7b: MR images—Multiple sclerosis—T2.



Supplemental Figure 8.7c: MR images—Multiple sclerosis—FLAIR.



Supplemental Figure 8.7d: MR images—Multiple sclerosis—T1 Contrast.



Supplemental Figure 8.8a: MR images—Dementia—
Alzheimer's disease showing bilateral hippocampal atrophy.



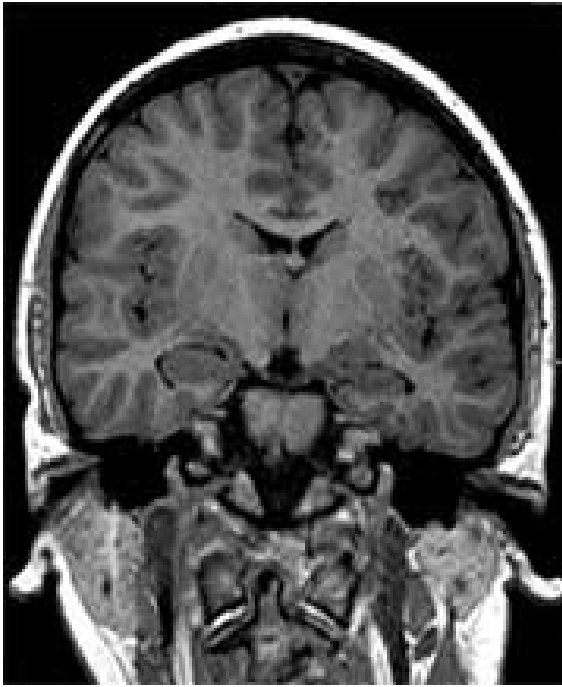
Supplemental Figure 8.8b: MR images—Dementia—Normal pressure hydrocephalus—T2.



Supplemental Figure 8.8c: MR images—Dementia—Normal pressure hydrocephalus—FLAIR.



Supplemental Figure 4.60i: MR images—Vascular dementia - small vessel disease—T2/FLAIR.



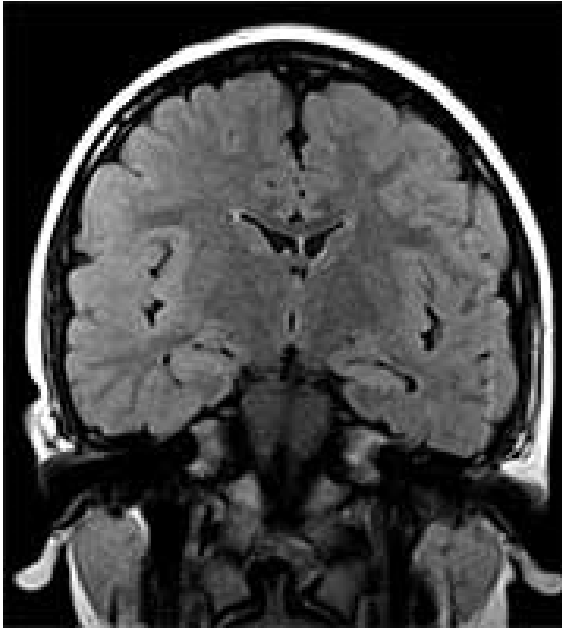
Supplemental Figure 8.9a: MR images—left hippocampal sclerosis in epilepsy—coronal T1.



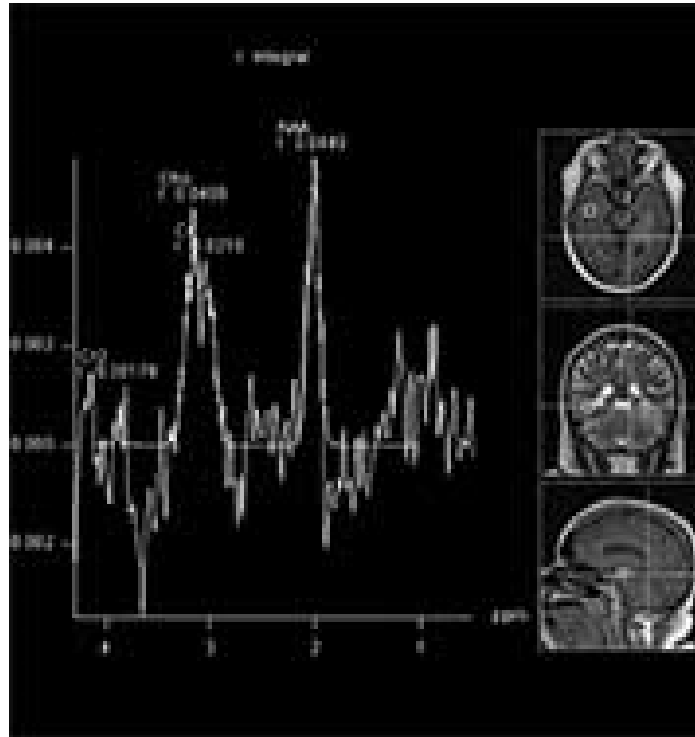
Supplemental Figure 8.9b: MR images—Hippocampal sclerosis in epilepsy—axial T2.



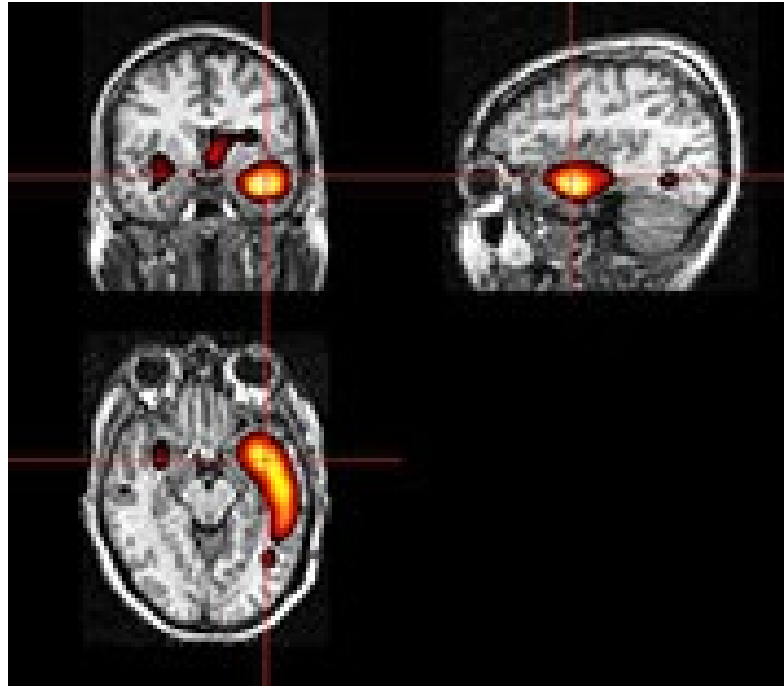
Supplemental Figure 8.9c: MR images—Hippocampal sclerosis in epilepsy—axial T2/FLAIR.



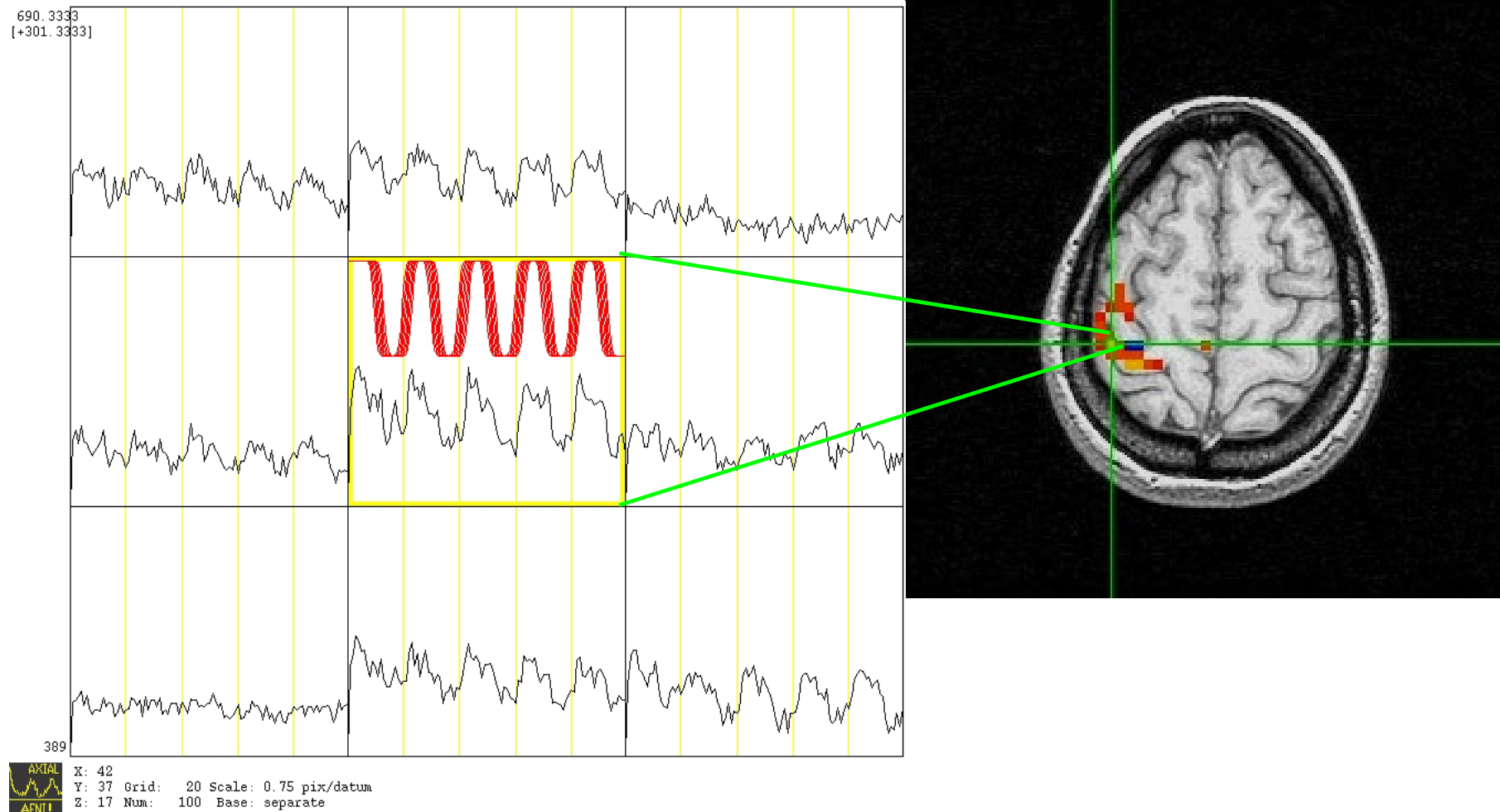
Supplemental Figure 8.9d: MR images—Hippocampal sclerosis in epilepsy—coronal T2/FLAIR.



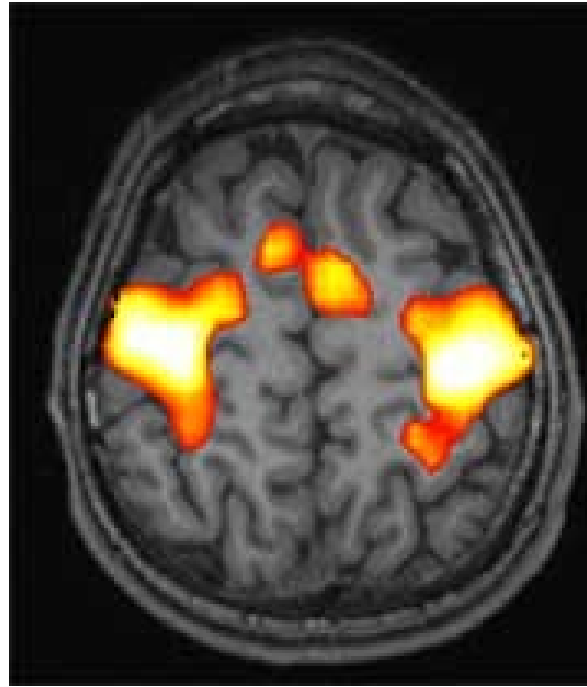
Supplemental Figure 8.10: MR images—Magnetic resonance spectroscopy.



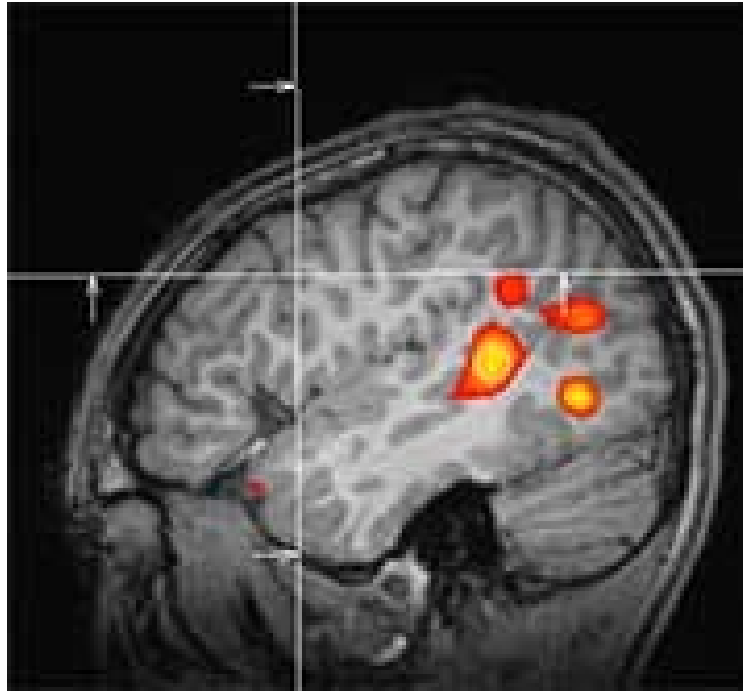
Supplemental Figure 8.11: Ictal SPECT imaging of seizure focus.



Supplemental Figure 8.12a: Functional MRI—Motor task.



Supplemental Figure 8.12b: Functional MRI—Hand motor task.



Supplemental Figure 8.12c: Functional MRI—Language comprehension task.