

# Brain MRI--IAC

- Sagittal and axial T1 (or MPRAGE)
- Axial DWI/ADC
- Axial T2
- Axial FLAIR
- Axial SWI or GRE
- IAC/posterior fossa cuts:
  - 3mm Axial T1
  - 3mm Coronal T1
  - Axial 3D CISS/FIESTA (0.5 mm - 0.6 mm voxel size)
  - (Can perform IAC sequences before whole-brain imaging if you think the patient will not be able to tolerate a long exam)
  - Please be sure to reformat sagittal oblique images perpendicular to both IACs from the 3D sequence on every IAC case and send to PACS.
- Post-contrast:
  - Coronal and axial T1 FS through IAC/posterior fossa
  - Whole-brain axial T1
- On stable follow-up studies that have not had significant brain abnormalities in the past, can eliminate the precontrast whole-brain T1, axial T2, and SWI/GRE (check with radiologist first)