ORDER FOR IMAGING: NON-CONTRAST BRAIN MRI

Ordering Physician Information: Physician Name: Dr. Signature: Fax Results to: NPI#: **Phone Number:** License #: Office Address: **Patient Name:** Birthdate: Date: Address: Phone: Insurance: **Pre-Authorization Required?** Yes No **Clinical History**: **Reason for MRI**: Evaluate for atrophy, (define any specific atrophic brain regions,) mass, vascular abnormalities, stroke, etc **NOTICE to PATIENT**: When you schedule your MRI exam, please tell them that you want a disc with all the data on it before you leave after your exam. Note: it will take some extra time for them to record the data on the disc for you (probably about 30 min.). ICD 10 Diagnosis Codes: Mild Cognitive Impairment- G31.84 Other Alzheimer's disease- G 30.8 ____Alzheimer's disease with early onset- G 30.0 Other:

→NOTE to RADIOLOGY: Please let us know if these criteria cannot be met by your equipment, before proceeding with the testing.

- Please perform T1-weighted volumetric sequences (either SPGR or MPRGAE) with sagittal and coronal reformations on a 3T MRI scanner.
- Please include a 3D MPRAGE sequence.

Alzheimer's disease with late onset- G 30.1

- Slices should be **1 mm** or less.
- The MRI Scan data should be made available to the patient on a disc, in addition to images, for further volumetric calculations with outside software, upon request.

Additional sequences for memory/aphasia issues (please perform as appropriate):

- T2 and FLAIR for white matter lesions
- Diffusion weighted images (DWI) for stroke
- GRE (Gradient echo sequences) or SWI (Susceptibility weighted imaging) to look at large or small bleeds (e.g. microbleeds,) as these can adversely impact cognition.

For Iowa: Area MRI machines that qualify:

Cedar Rapids: St. Luke's Unity Point Hospital; Mercy Hospital

Iowa City: U of Iowa Hospitals and Clinics (possibly other sites in Iowa City, incl. VA Hospital) Fairfield: Not available as of December 2017 (the MRI at the Jefferson County Hospital does not meet the standards for this)