1. Date of scan:
2. Equipment Selection and Requirements:

a. Magnet Strength (Choose one):

[ ] 1.5T [ ] 3T [ ] 4T [ ] 7T [ ] Other, specify:

b. Coil (Choose one):

[ ] Single Coil [ ] 8-ch [ ] 16-ch [ ] 32-ch [ ] Other, specify:

c. Name of the scanner manufacturer:

[ ] GE [ ] Siemens [ ] Philips [ ] Toshiba [ ]  Other, specify:

d. Number of different MRI scanners used:

e. Scanner software or hardware updates during study performance:

1. Echo time: (ms)
2. Repetition time: (ms)
3. Flip angle: o
4. Number of slices:
5. Slice thickness: (mm)
6. Slice orientation: [ ]  Transverse [ ]  Sagittal [ ]  Coronal [ ]  Other, specify:
7. Was visual analysis performed while blind to clinical data? [ ]  Yes [ ]  No [ ]  Unknown
8. Metabolite: [ ]  1H [ ]  31P [ ]  Other, specify:
9. Voxel volume: mL
10. Voxel location:
11. Shimming procedure: [ ]  Active [ ]  Global [ ]  Interactive [ ]  Local [ ]  3D [ ]  Other, specify:
12. Spectral analysis:
13. Metabolite quantification procedure:

**General Instructions**

This CRF contains data that would be collected when an imaging study is performed to visualize both function and anatomy in the brain.

Important note: All elements on this CRF are considered Supplemental – Highly Recommended and should be collected as part of an MRS study.

**Specific Instructions**

Please see the Data Dictionary for definitions for each of the data elements included in this CRF Module.

* Date of Scan – Record the date/time according to the ISO 8601, the International Standard for the representation of dates and times ([Click here for International Standard for Dates and Times](http://www.iso.org/iso/home.html)). The date/time should be recorded to the level of granularity known (e.g., year, year and month, complete date plus hours and minutes, etc.).
* Scanner type – No additional instructions
* Echo time – Record in ms
* Repetition time – Record in ms
* Flip angle – Record in degrees
* Number of slices – No additional instructions
* Slice thickness – Record in mm
* Slice orientation – No additional instructions
* Was visual analysis performed while blind to clinical data? – No additional instructions
* Metabolite – No additional instructions
* Voxel volume – Record in mL
* Voxel location – No additional instructions
* Shimming procedure – No additional instructions
* Spectral analysis – No additional instructions
* Metabolite quantification procedure – No additional instructions