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