1. Magnetic Field Strength of Scanner Used:

1.5 T  3.0 T  4.0 T  7.0 T  Other: T

1. Name of the scanner manufacturer:

GE  Siemens  Philips  Toshiba  Other:

1. Name of the scanner software and its version number:

Name: Version Number:

1. Body part scanned:

Brain

Cervical spine

Thoracic spine

Lumbar spine

Calf

Thigh

Other, specify:

1. RF coil(s):

**RF Coil(s) Table**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Coil | Name of Coil | Type of coil Surface | Type of coil Volume | Transmit (Tx) | Receive (Rx) | Tx/Rx | # of Channels |
|  | Data to be entered by site |  |  |  |  |  | Data to be entered by site |
|  | Data to be entered by site |  |  |  |  |  | Data to be entered by site |
|  | Data to be entered by site |  |  |  |  |  | Data to be entered by site |
|  | Data to be entered by site |  |  |  |  |  | Data to be entered by site |

1. General sequence parameters (copy the following sections if multiple sequences are used**)**
2. Slice orientation:  Axial  Coronal  Sagittal  Oblique
3. Scan dimension:  2D  3D
4. Field of view: x (x) mm2
5. In-plane resolution: x (x ) mm2
6. Slice thickness: mm
7. Gap between slices: mm or % (for 2D acquisition)
8. Number of slices:
9. Repetition time (TR): ms
10. Echo time (TE): ms
11. Flip angle (FA): ⁰
12. Base resolution: points
13. Band width: Hz/Pixel
14. Slice over sampling: %
15. Phase-encode direction:
16. Flow compensation used:  Yes  No
17. Fat signal suppressed:  Yes  No

If yes, method used:  SPAIR  SPIR  Other

If SPIR, please specify Inversion time (TI): ms

1. Parallel acquisition used:  Yes  No

If yes, method used:  GRAPPA  SENSE  Other

Additional Details:

1. Fast imaging:  Yes  No

Partial Fourier  Yes, specify:  No

Phase resolution: %

Echo spacing: ms; Echo train length:

1. Total acquisition time: minutes

Sequence specific parameters

1. FLAIR sequence:  Yes  No

Inversion time (TI): ms

T2 measurement:  Yes  No

Echo spacing: ms;

Echo train length;

Contrast agent**:**  Yes  No

If yes, name of the contrast: dosage:

Time of injection:

**General Instructions**

This CRF includes data typically recorded when performing Magnetic Resonance Imaging. This technique is used to visualize detailed internal structures in the body and brain.

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

**Specific Instructions**

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

* Imaging scanner strength – Choose one.
* Field of view - Answer should be recorded as a dimension (AAxAA) and in millimeters squared (mm2).
* Plane resolution - Answer should be recorded as a dimension (AAxAA) and in millimeters squared (mm2)
* Slice thickness - Answer should be recorded in millimeters squared (mm)
* Gap between slices - Answer should be recorded in millimeters squared (mm) or % (for 2D acquisition)
* Repetition time – Answer should be recorded in milliseconds (ms)
* Echo time – Answer should be recorded in milliseconds (ms)
* Flip angle – Answer should be recorded in degrees
* Base resolution – Answer should be recorded in points
* Bandwidth – Answer should be recorded in Hx/Pixel
* Fat signal suppressor used – Only answered if Yes is answered for “Fat signal suppressed”
* Inversion time - Only answered if SPIR is answered for “Method Used.” Answer should be recorded in milliseconds (ms)
* Echo spacing - Answer should be recorded in milliseconds (ms). Must be answered with Echo Train Length, if Yes is answered for Fast Imaging.
* Acquisition time – Answer should be recorded in minutes.