

| MRI Project Number | | MR ____ | Researchers | | Principal investigator / Users | | | | | | | | | | | | | |
|--|-----------|--|---|------|--------------------------------|------|------|---------|---------|--------|-------|-----|------------------------|------|----------------------|------------------------|---------|---------|
| Equipment Selection | | | | | Revision History | | | | | | | | Details | | | | | |
| Head Coil | | 20 Channel Head Coil / 32 Channel Head Coil / 64 Channel Head Coil | | | Date | | | | | | | | First Version Approved | | | | | |
| Stimulus | | Visual | In-Bore Projection Screen | | | | | | | | | | Final Version Approved | | | | | |
| | | Auditory | Siemens / Avotec / Confon (Restricted by stimulus and coil selection) | | | | | | | | | | | | | | | |
| Physio & Code | | Pulse Oximeter / Respiratory Belt | | | | | | | | | | | | | | | | |
| Response Box | | Left Hand / Right Hand i.e. (index to Ring finger 1-4) | | | | | | | | | | | | | | | | |
| Hardware | | EEG / Tablet / Eyetracker / Biopac / RespirAct (Set up by Researcher) | | | | | | | | | | | | | | | | |
| Notes | | ? Imaging plane ACPC or Orthogonal | | | | | | | | | | | | | | | | |
| | | ? Rs_fmri instructions ? Eyes open or eyes closed ? Fixation cross~ | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Scheduled Time | | ? 30 mins, 1 hour, 1.5 hours or 2.0hours | | | | | | | | | | | | | | | | |
| Pilots | | Coordinate with Senior MR Research Technologist (Only applicable to fMRI task protocols) 2 pilots / project maximum time 2 hours / session | | | | | | | | | | | | | | | | |
| Technical Parameters | | | | | | | | | | | | | | | | | | |
| Series | Type | Sequence | Plane | TR | TE | TI | Flip | FOV | Matrix | Slices | Thick | Gap | Res/Voxel Size | IPat | AV | Other | Meas | Time |
| 1 | AA Scout | Gre fl | 3D | 3.15 | 1.37 | | 8 | 260X260 | 160X160 | 128 | 1.6 | 0 | 1.63X1.63X1.63 | 0 | 1 | PPF 6/8, SPF 6/8 | N/A | 0:00:14 |
| 2 | Localizer | Gre fl | 3 Planes | 8.6 | 3.69 | | 20 | 250X250 | 256X233 | 3 | 10 | 5 | 0.6X0.6X20 | 0 | 2 | 9CC, BW 320 | N/A | 0:00:36 |
| 3 | MPRAGE | TFL | Ob1 Sag | 2000 | 2.25 | 1100 | 10 | 256X256 | 256X256 | 176 | 1 | 0 | 1.0X1.0X1.0 | 2 | 1 | 3D, N-sIR,ES 6.8,BW200 | N/A | 0:04:38 |
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| 30 Secs / Series | | | | | | | | | | | | | | | Instruction Time | | 0:01:00 | |
| 15 minues with out physio / 20 mins with Physio / additional hardware i.e eyetracker, EEG etc. | | | | | | | | | | | | | | | Setup / Removal Time | | 0:20:00 | |
| | | | | | | | | | | | | | | | Total Study Time | | 0:26:28 | |