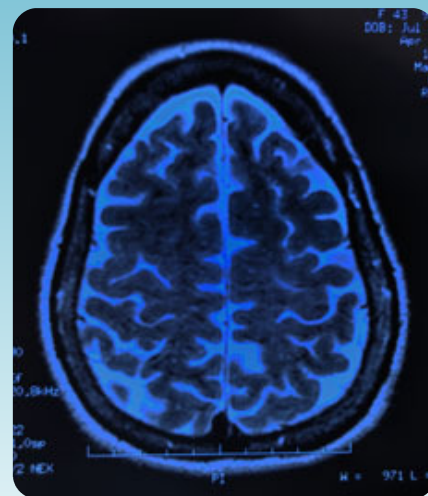


## Discovery Science MRI, fMRI and DTI

**MRI-Neuro** – Brain Resource provides a standardized protocol to streamline acquisition of structural MRI, fMRI and DTI data.

Magnetic Resonance (MR) imaging data is acquired using MPRage and Dual Echo sequences to provide high resolution information on brain anatomy.

Functional MR data is acquired during activation tasks which correspond to those used with LabNeuro ERPs.



### Measures Available:

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- MPRAGE sequence allows you to acquire high resolution structural images
- Includes standardized sequence for high resolution DTI
- Activation tasks are the same as those used for LabNeuro event related potentials providing opportunities for converging evidence:
  - Auditory Oddball Functional MRI sequence
  - Go/No-Go Functional MRI sequence
  - Continuous Performance Test (CPT, n-back); Working Memory Functional MRI sequence
  - Facial Expressions of Emotion (unmasked, conscious) Functional MRI sequence
  - Facial Expressions of Emotion (masked, nonconscious) Functional MRI sequence

..... solutions for brain research

Contact us: [discovery@brainresource.com](mailto:discovery@brainresource.com)