

# MSI

MSI combines MEG and MRI results to create functional maps of brain activity. These maps can show where areas of normal and abnormal activity are located. Clinically, MSI can provide increased localization of spike activity in patients with seizures. MSI can look at activity deeper in the brain than EEG alone. Clinically, MSI can also map areas of function (language, hearing, touch, movement, etc.) in presurgical patients. Both spike localization and functional mapping information are typically used prior to surgery for planning purposes and also during surgery using surgical navigation systems.

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