Brain- Functional

Scan notes:

Contact Dr. Manning, Edward in advance and he will need to be present for exam

If other task/non-contrasted sequences are desired then this will need to be commented on order and consult with Dr. Manning for verification of additional task

If ordering provider is requesting contrast we will need additional order to obtain a contrasted procedure.

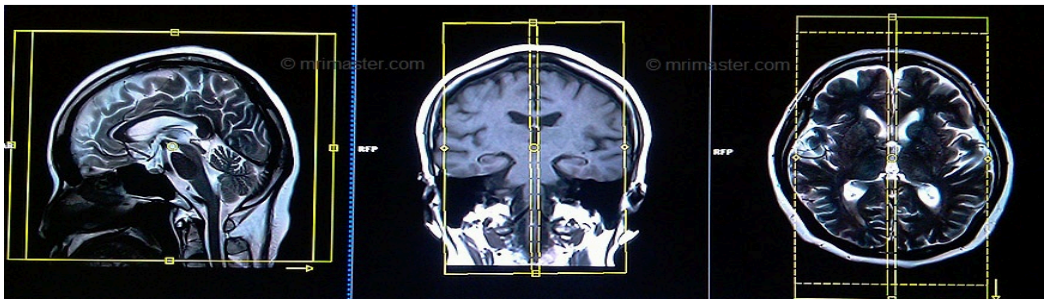
Contrasted STEALTH protocol requires “Brain with iv contrast limited” order

Revised 11/12/2021
Charge as: Brain functional
Scanner: 1.5T or 3T
Coil: Head Coil/Flex Coil (flex coil may be needed if anterior head coil cannot clamp)

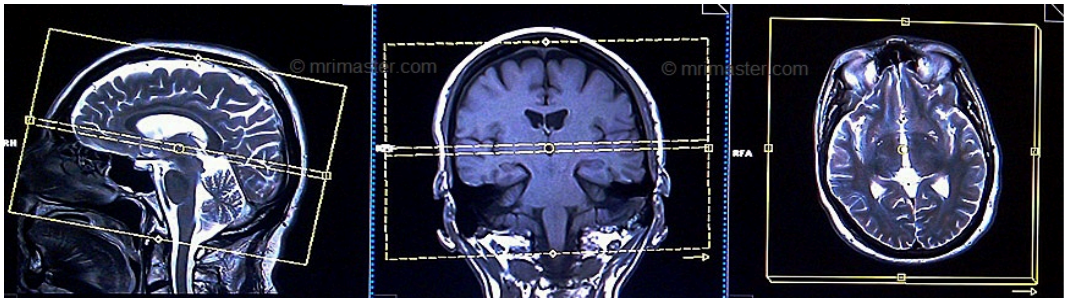
Plane	Weighting	Slice	Gap	FAT SAT	Scan Range
SAG	T1 MPRAGE 3D	1mm	0.5mm	None	Whole brain/parallel to midline of brain. MUST BE REROMATTED TO AXIAL
AXIAL	DTI	2mm	0mm	None	Whole brain/parallel to AC/PC line
AXIAL	FIELD MAP	3mm	0mm	None	Whole brain/parallel to AC/PC line
AXIAL	EPI GRE	3.5mm	0mm	None	Whole brain/parallel to AC/PC line
AXIAL	EPI GRE	3.5mm	0mm	None	Whole brain/parallel to AC/PC line. COPY SLICES, ADJUSTMENT VOLUME, AND TABLE POSITION. Scan while patient taps fingers LT/RT

AXIAL	EPI GRE	3.5mm	0mm	None	Whole brain/parallel to AC/PC line. COPY SLICES, ADJUSTMENT VOLUME, AND TABLE POSITION. Scan while completes word generation task
AXIAL	EPI GRE	3.5mm	0mm	None	Whole brain/parallel to AC/PC line. COPY SLICES, ADJUSTMENT VOLUME, AND TABLE POSITION. Scan while patient completes sentence completion task
AXIAL	EPI GRE	3.5mm	0mm	None	Whole brain/parallel to AC/PC line. COPY SLICES, ADJUSTMENT VOLUME, AND TABLE POSITION. Scan while completes synonym task
AXIAL	EPI GRE	3.5mm	0mm	None	Whole brain/parallel to AC/PC line. COPY SLICES, ADJUSTMENT VOLUME, AND TABLE POSITION. Scan while patient completes rhyming task
SAG	3D FLAIR	1mm	0mm	None	Whole brain/parallel to midline of brain

SAG Image Planning:



AXIAL Image Planning:


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RH
RFA