Brain with Orbits

Updated

2/12/2020

Use orbits field-of-view (FOV) and angulations as in the images below.

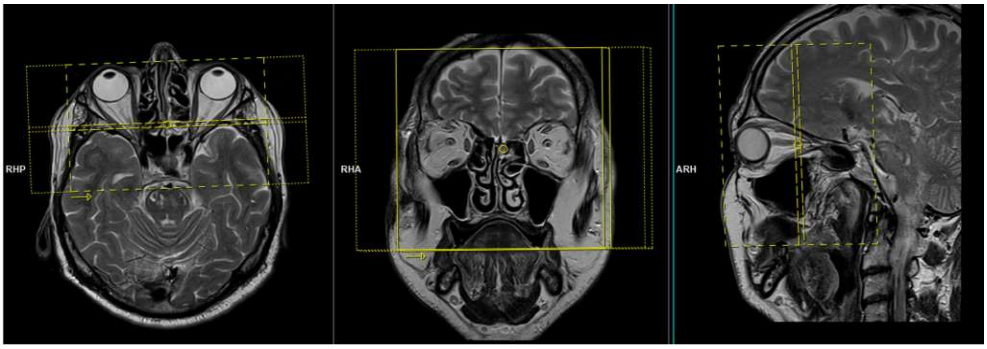
Notify a Radiologist if there is a brain abnormality to see if additional sequences are needed.

Go to MRIMaster.com for a guide of proper positioning.

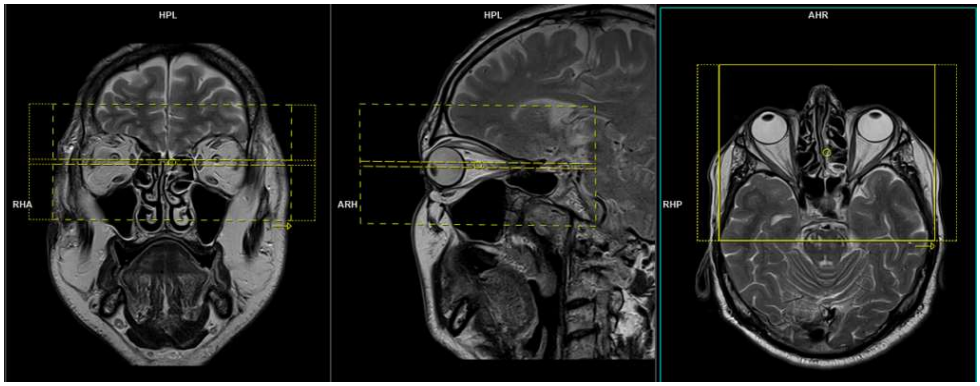
Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice	Field of View
T1	T1 SAG	sag	no	5	2	left	whole brain
T2	T2 FS AX	ax	yes	5	1.5	base	
FLAIR	FLAIR AX	ax	no	5	1.5	base	
DWI	DWI AX	ax	yes	5	1.5	base	
T1	T1 COR	cor	no	3	0.5	ant	orbits
STIR	STIR COR	cor	no	3	0.5	ant	
T2	T2 FS AX	ax	yes	3	0.5	base	
T1	T1 AX	ax	no	3	0.5	base	
T2	T2 SAG	sag	no	3	0.5	base	

CONTRAST - 2 mL/sec standard dose gadolinium (0.2 mL/kg Clariscan or 0.1 mL/kg Gadavist) followed by 20 mL saline flush.

T1	T1 FS POST COR	cor	yes	3	0.5	ant	orbits
T1	T1 FS POST AX	ax	yes	3	0.5	base	
T1	T1 POST AX	ax	no	5	1.5	base	whole brain



coronal FOV and angulation (parallel to the optic nerves in the axial plane)



axial FOV and angulation (parallel to the optic nerves in the coronal plane)