

MRI Skull Base

Updated 11/22/23

Reviewed 05/14/25

Ask a Radiologist to determine the skull base field-of-view (FOV).

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
FLAIR	FLAIR AX	ax	no	5	1.5	base	
DWI	DWI AX	ax	yes	5	1.5	base	
T1	T1 AX	ax	no	3	0.9	base	skull base
T1	T1 COR	cor	no	3	0	back	
T2	T2 AX	ax	no	3	0.9	base	
T2	T2 FS AX	ax	yes	3	0.9	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 AX	ax	yes	3	0.9	base	skull base
T1	T1 FS POST COR	cor	yes	3	0.9	back	
T1	T1 POST AX	ax	no	5	1.5	base	whole brain