

PROTOCOL: MRI BRACHIAL PLEXUS WO OR WWO

CLINICAL INDICATIONS/ HISTORY Back pain, pain with radiation, trauma, nerve root avulsion, lymphoma

TIPS: Center at C6 (should see C4-T3) and scan affected side.
 Use Coil that will cover lateral from cervical cord to axilla
ADDITIONAL INFORMATION: <https://protocols.riaco.com/wp-content/uploads/2020/07/Brachial-Plexus-2020.pdf>

REVIEW ARTICLE FOR

SCAN ORDER	PLANE	IMAGE CONTRAST/WEIGHTING	MODE	PULSE SEQ	COVERAGE	TR RANGE	TE RANGE	TI	FLIP ANGLE	THICKNESS/G AP (mm)	FOV (cm)	Max Pixel (mm) x Ph	Fr PHASE AXIS	SEND TO PACS	Max scan time (target)
1	SAG	T1	2D	FSE	MIDLINE TO HUMERAL HEAD (AFFECTED SIDE)	<790	MIN	-	>130	7/1	20	1.0X1.0	PA	FULL SERIES	2:00
2	SAG	T1	2D	FSE		<790	MIN	-	>130	4/0.4	20	.8X.8	PA	FULL SERIES	4:30
3	COR	T1	2D	FSE	15-20° CAUDAD ANGLE-SEE IMAGE	<790	MIN	-	>130	4/0.4	20	.8X.8	RL	FULL SERIES	4:30
4	SAG	STIR	2D	FSE	MIDLINE TO HUMERAL HEAD (AFFECTED SIDE)	3000-6000	45-65	150	>130	3/.5	20	1.0X1.0	PA	FULL SERIES	4:30
4A (ALTERNATE)	COR	STIR	3D	SPACE OR CUBE	15-20° CAUDAD ANGLE-SEE IMAGE	1900-2500	AUTO	200	>130	1.8/OVLP	24	1.0X1.0	RL	FULL SERIES	6:50
5	COR	STIR	2D	FSE	15-20° CAUDAD ANGLE-SEE IMAGE	3000-6000	45-65	150	>130	3/.5	20	1.0X1.0	RL	FULL SERIES	4:30
IF CONTRAST:															
6+C	SAG	T1 FS	2D	FSE DIXON/IDEAL	MIDLINE TO HUMERAL HEAD (AFFECTED SIDE)	<790	MIN	-	>130	4/0.4	20	.8X.8	PA	IN-PHASE AND WATER ONLY	5:30
7+C	AX	T1 FS	2D	FSE DIXON/IDEAL	COVER FROM C3-T4 LEVELS	<790	MIN	-	>130	4/0.4	20	.8X.8	RL	IN-PHASE AND WATER ONLY	5:30