BRACHIAL PLEXUS 1.5T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Contrast used to evaluate for suspected tumor or infection • For Axial: Cover C-Spine to affected side C3 to T4 and from the midline to shoulder joint • For Coronal and Sagittal: Cover C-Spine to affected side C3 to T4
Position	Supine, head first
Coil	20 channel Head / Neck coil and Anterior Body Matrix Coil
Landmark	Base of neck

CONTRAST AGENT PARAMETERS

Contrast Agent	Dose	Injection Rate
Gadopiclenol (VUEWAY)	0.05 mmol/kg	Hand Bolus or Power Injection
Saline Flush	20 mL	Hand Bolus or Power Injection
Comment	Report agent administered and dose	

IMAGING PARAMETERS

Scan Description	AXIAL T1	AXIAL T2	CORONAL T1	CORONAL STIR 3D	Post CORONAL T1 VIBE DIXON
Primary Sequence	Yes	Yes	Yes	Yes	Yes
Pulse Sequence	tse	tse	tse	non-sel ir	tse
Mode	2D	2D	2D	3D	2D
I-Pat	2	2	2	2	2

SCAN PARAMETERS

Scan Description	AXIAL T1	AXIAL T2	CORONAL T1	CORONAL STIR 3D	Post CORONAL T1 DIXON
TE	10	95	8	230	12
TR	400-800	4000	450	3000	600
TI	—	—	—	160	—
Flip Angle	120-180	160	120-180	T2 var	160
Turbo Factor	3	24	3	197	3
Bandwidth	200	250	230	600	400
Fat Sat	—	—	—	—	Strong
Gradient Speed	Fast	Fast	Normal	Fast	Fast
RF Mode	Normal	Fast	Fast	Normal	Fast

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Supported by an educational grant from Bracco Diagnostics Inc.

MR Gadopiclenol (VUEWAY®) Protocol for Siemens MRI Scanners
Central Nervous System

NW IMAGING FORUMS, INC.

ACQUISITION PARAMETERS

Scan Description	AXIAL T1	AXIAL T2	CORONAL T1	CORONAL STIR 3D	Post CORONAL T1 DIXON
MATRIX Freq	384	320	256	256	320
MATRIX Phase	75%	100%	75%	100%	70%
Averages	3	Blade	2	2	2
Concatenations	2	2	2	1	2
Rec FOV	81%	100%	100%	100%	100%
Phase DIR	P >> A	P >> A	F >> H	R >> L	F >> H
Phase Over Sample	0%	100%	80%	50%	90%
Partial Fourier	Off	—	Off	Allowed	Off
FC Direction	None	None	None	None	None

SCANNING RANGE

Scan Description	AXIAL T1	AXIAL T2	CORONAL T1	CORONAL STIR 3D	Post CORONAL T1 DIXON
FOV	280	280	230	250	230
Filter	Off	Prescan Normal	Prescan Normal	Prescan Normal	B1 Filter
Slice Thickness	5.0	5.0	4.0	1.0	4.0
Spacing %	20%	20%	25%	Slab	25%
Number of Slices	36	40	24	72	24
Acquisition Time	2:08 min	3:38 min	1:45 min	6:59 min	2:52 min

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