BRACHIAL PLEXUS 3T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	Contrast used to evaluate for suspected tumor or infection
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
Comments	Report agent administered and dose	

IMAGING PARAMETERS

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

SCAN PARAMETERS

Scan Description	Pre AXIAL T1	AXIAL T2	CORONAL T1	Post CORONAL 3D STIR	Post CORONAL T1 VIBE DIXON
TE	18	97	10	58	10
TR	550	2710	2610	4340	638
TI	—	—	900	—	—
Flip Angle	—	—	—	130	—
Turbo Factor	3	23	7	13	3
Bandwidth	240	—	200	270	326
Fat Sat	—	—	—	—	Strong
RF Mode	Normal	Normal	Normal	Normal	Normal

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Supported by an educational grant from Bracco Diagnostics Inc.

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

IMAGING FORUMS, INC.

ACQUISITION PARAMETERS

Scan Description	Pre AXIAL T1	AXIAL T2	CORONAL T1	Post CORONAL 3D STIR	Post CORONAL T1 VIBE DIXON
MATRIX Freq	384	320	384	320	384
MATRIX Phase	70%	Blade/130%	80%	75%	60%
Averages	2	1	1	2	1
Concatenations	2	2	2	1	2
Rec FOV	66%	100%	100%	100%	100%
Phase DIR	A >> P	R >> L	R >> L	R >> L	F>>H
Phase Over Sample	30%	100%	80%	91%	80%
Partial Fourier	Off	Off	Off	Off	Off
FC Direction	None	None	None	Read	None

SCANNING RANGE

Scan Description	Pre AXIAL T1	AXIAL T2	CORONAL T1	Post CORONAL 3D STIR	Post CORONAL T1 VIBE DIXON
FOV	370	370	290	290	220
Filter	Prescan	Prescan	Prescan	Prescan	Prescan
Slice Thickness	5	5	4	4	4
Spacing %	30%	30%	33%	33%	—
Number of Slices	27	27	23	23	23
Acquisition Time	1:28 min	3:17 min	8 min	6 min	6 min

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