THORACIC SPINE 3T

INSTRUCTIONS AND PATIENT PREPARATION

Common Indications	Tumor, multiple sclerosis, infection, post surgery
Position	Supine, head first
Coil	20 Channel Head/Neck coil or better
Landmark	Chin

CONTRAST AGENT PARAMETERS

Contrast Agent	Dose	Injection Rate
Gadopiclenol (VUEWAY)	0.05 mmol/kg	Hand Bolus
Saline Flush	10 mL	Hand Bolus
Comments	Report agent administered and dose	

IMAGING PARAMETERS

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

SCAN PARAMETERS

Scan Description	SAGITTAL T2	Pre SAGITTAL T1	SAGITTAL STIR	AXIAL T2	Post SAGITTAL T1 DIXON	Post AXIAL T1 DIXON
TE	92	9	50	78	10	11
TR	4370	1690	4730	3180	916	618
TI	—	773	210	—	—	—
Flip Angle	150	160	160	140	140	160
Turbo Factor	19	10	14	14	3	—
Bandwidth	260	260	200	260	326	—
Fat Sat	—	—	—	—	Strong	—
Gradient Speed	Normal	Normal	Normal	Normal	Normal	—
RF Mode	Normal	Normal	Normal	Low Sar	Normal	—

Disclaimer: The MR Protocols information is provided by independent physicians and technologists and is not intended to provide definitive or complete medical instructional or treatment information. Products referenced herein should be used consistently with their package inserts, and any devices referenced herein should be used consistently with the operation instructions provided by their respective manufactures. Northwest Imaging Forums, Inc. and Bracco Diagnostics Inc. do not offer medical advice and shall not be responsible for any person's reliance on this protocol.

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	SAGITTAL T2	Pre SAGITTAL T1	SAGITTAL STIR	AXIAL T2	Post SAGITTAL T1 DIXON	Post AXIAL T1 DIXON
MATRIX Freq	448	384	384	256	384	256
MATRIX Phase	70%	60%	70%	80%	60%	60%
Averages	2	2	2	2	2	1
Concatenations	1	3	1	2	1	3
Rec FOV	100%	100%	100%	100%	100%	100%
Phase DIR	H >> F	H >> F	H >> F	R >> L	H >> F	A >> P
Phase Over Sample	55%	55%	75%	95%	75%	50%
Partial Fourier	Off	Off	Off	Off	Off	Off
FC Direction	Read	None	Read	None	None	None

SCANNING RANGE

Scan Description	SAGITTAL T2	Pre SAGITTAL T1	SAGITTAL STIR	AXIAL T2	Post SAGITTAL T1 DIXON	Post AXIAL T1 DIXON
FOV	320	320	320	180	320	180
Filter	Prescan	Prescan	B1 Filter	Prescan	Prescan	Prescan
Slice Thickness	3.5	3.5	3.5	4.5	3.5	4.5
Spacing %	25%	25%	25%	15%	25%	15%
Number of Slices	14	14	14	40	14	40
Acquisition Time	3:03 min	3:25 min	2:57 min	3:19 min	4:12 min	5:26 min

Disclaimer: The MR Protocols information is provided by independent physicians and technologists and is not intended to provide definitive or complete medical instructional or treatment information. Products referenced herein should be used consistently with their package inserts, and any devices referenced herein should be used consistently with the operation instructions provided by their respective manufactures. Northwest Imaging Forums, Inc. and Bracco Diagnostics Inc. do not offer medical advice and shall not be responsible for any person's reliance on this protocol.

Supported by an educational grant from Bracco Diagnostics Inc.