THORACIC SPINE 1.5T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• If using H >> F phase direction for Sagittal sequences, anterior Sat band is not needed • Typically done without contrast
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	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	ir	tir	tse	tse	tse
Mode	2D	2D	2D	2D	2D	2D
I-Pat	2	3	4	3	2	2

SCAN PARAMETERS

Scan Description	SAGITTAL T2	Pre SAGITTAL T1	SAGITTAL STIR	AXIAL T2	Post SAGITTAL T1 DIXON	Post AXIAL T1 DIXON
TE	80-100	15-20	35-40	80-100	15-20	15-20
TR	3200	1500	3000	3200	400-800	400-800
TI	—	670	160	—	—	—
Flip Angle	120-150	120-150	120-150	12-150	150	120-150
Turbo Factor	21	7	12	21	3	3
Bandwidth	200	220	200	200	350-380	450
Gradient Speed	Fast	Normal	Fast	Fast	Normal	Normal
RF Mode	Fast	Fast	Normal	Fast	Fast	Fast

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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	288	288	224	288	256	256
MATRIX Phase	60%	55%	60%	60%	70%	85%
Averages	2	1	2	2	2	2
Concatenations	1	2	2	1	2	2
Rec FOV	167%	166%	167%	100%	175%	100%
Phase DIR	H >> F	H >> F	H >> F	P >> A	H >> F	A >> P
Phase Over Sample	120%	120%	120%	100%	50%	50%
Partial Fourier	Off	—	Off	Off	Off	Off
FC Direction	Read	Read	Read	Yes	Optional Slice	Optional Slice

SCANNING RANGE

Scan Description	SAGITTAL T2	Pre SAGITTAL T1	SAGITTAL STIR	AXIAL T2	Post SAGITTAL T1 DIXON	Post AXIAL T1 DIXON
FOV	200	200	200	180	200	180
Filter	Prescan Normal	Prescan Normal	Prescan Normal	Prescan Normal	Prescan Normal	Prescan Normal
Slice Thickness	3	3	3	4	3	4
Spacing %	33%	33%	33%	25%	33%	25%
Number of Slices	15	15	15	26	15	26
Acquisition Time	1:35 min	1:02 min	2:32 min	2:22 min	1:56 min	1:55 min

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