ROUTINE SPINAL SURVEY (TOTAL SPINE) 1.5T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Do top and bottom set of each Sagittal overlapping some at mid thoracic spine • If using A >> P phase direction for Sagittal sequences, anterior Sat band is needed
Position	Supine, head first
Coil	Spine array and Head/Neck coils
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 (Upper/Lower)	SAGITTAL T1 (Upper/Lower)	SAGITTAL STIR (Upper/Lower)	Post SAGITTAL T1 DIXON (Upper/Lower)
Primary Sequence	Yes	Yes	Yes	Yes
Pulse Sequence	tse	ir	ir	tse
Mode	2D	2D	2D	2D
I-Pat	2	2	2	2

SCAN PARAMETERS

Scan Description	SAGITTAL T2	SAGITTAL T1	SAGITTAL STIR	Post SAGITTAL T1 DIXON
TE	90-100	8-10	40-50	12-15
TR	4000-8000	1500-1800	4000-8000	400-800
TI	—	670	160	—
Flip Angle	120-150	120-150	120-150	120-150
Turbo Factor	21	7	13	3
Bandwidth	200	200	200	350-400
Fat Sat	None	None	None	None
Gradient Speed	Fast	Normal	Fast	Normal
RF Mode	Fast	Fast	Normal	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	SAGITTAL T1	SAGITTAL STIR	Post SAGITTAL T1 DIXON
MATRIX Freq	272	256	208	256
MATRIX Phase	67%	60%	65%	70%
Averages	2	1	2	2
Concatenations	1	2	1	2
Rec FOV	180%	181%	180%	175%
Phase DIR	H >> F	H >> F	H >> F	H >> F
Phase Over Sample	60%	80%	60%	80%
Partial Fourier	Off	Off	Off	Off
FC Direction	Read	Read	Read	None

SCANNING RANGE

Scan Description	SAGITTAL T2	SAGITTAL T1	SAGITTAL STIR	Post SAGITTAL T1 DIXON
FOV	200	200	200	200
Filter	B1 Filter	B1 Filter	Prescan Normal	B1 Filter
Slice Thickness	3.0	3.0	3.0	3.0
Spacing %	33%	33%	33%	33%
Number of Slices	15	15	15	15
Acquisition Time	3 min	4:04 min	4:20 min	5 min

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