LUMBAR SPINE 1.5T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	If using H >> F phase direction for Sagittal sequences anterior Sat band is not needed
Position	Supine, head first or feet first
Coil	Spine array coil
Landmark	1-2" above iliac crest

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	ir	tse	tse	tse
Mode	2D	2D	2D	2D	2D	2D
I-Pat	2	2	2	2	1	1

SCAN PARAMETERS

Scan Description	SAGITTAL T2	SAGITTAL T1	SAGITTAL STIR	AXIAL T2	Post SAGITTAL T1 DIXON	Post AXIAL T1 DIXON
TE	90-100	8-10	50	90-100	12-15	12-15
TR	3200	1500-1800	3500-8000	4000-8000	400-800	400-800
TI	—	693	160	—	—	—
Flip Angle	120-150	120-150	120-150	120-150	120-150	120-150
Turbo Factor	18	7	10	17	3	3
Bandwidth	200	220	200	200	400	400
Fat Sat	None	None	None	Anterior	Anterior	Anterior
Gradient Speed	Normal	Normal	Normal	Fast	Fast	Fast
RF Mode	Fast	Fast	Fast	Fast	Fast	Normal

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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	AXIAL T2	Post SAGITTAL T1 DIXON	Post AXIAL T1 DIXON
MATRIX Freq	224	208	208	224	208	256
MATRIX Phase	67%	60%	60%	85%	80%	75%
Averages	2	2	2	2	2	1
Concatenations	1	2	1	1	2	2
Rec FOV	150%	150%	150%	100%	170%	100%
Phase DIR	H >> F	H >> F	H >> F	P >> A	H >> F	P >> A
Phase Over Sample	60%	60%	60%	75%	70%	40%
Partial Fourier	Off	Off	Off	Off	Off	Off
FC Direction	Read	Read	Read	Slice	None	None

SCANNING RANGE

Scan Description	SAGITTAL T2	SAGITTAL T1	SAGITTAL STIR	AXIAL T2	Post SAGITTAL T1 DIXON	Post AXIAL T1 DIXON
FOV	170	170	170	180	150	180
Filter	Prescan Normal	Prescan Normal	Prescan Normal	Prescan Normal	Prescan Normal	Prescan Normal
Slice Thickness	3.5	3.5	3.5	5.0	3.5	5.0
Spacing %	25%	25%	25%	20%	25%	20%
Number of Slices	17	17	17	18	17	36
Acquisition Time	1:16 min	1:16 min	1:57 min	1:57 min	2:43 min	2:15 min

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