ROUTINE SPINAL SURVEY (TOTAL SPINE) 3T

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
Common Indications	Tumor, infection, post surgery
Position	Supine, head first
Coil	Spine array and Head/Neck coils
Landmark	Sternum

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	tse	tir	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	82	9	46	11
TR	3650	1590	4000	700
TI	—	900	210	—
Flip Angle	160	160	160	160
Turbo Factor	19	7	15	3
Bandwidth	260	220	260	330
Fat Sat	—	—	—	Strong
Gradient Speed	Normal	Normal	Normal	Normal
RF Mode	Normal	Normal	Normal	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.

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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	192	192	192	192
MATRIX Phase	75%	75%	70%	80%
Averages	2	2	2	2
Concatenations	1	2	1	1
Rec FOV	181%	181%	181%	181%
Phase DIR	H >> F	H >> F	H >> F	H >> F
Phase Over Sample	70%	60%	60%	60%
Partial Fourier	Off	Off	Off	Off
FC Direction	Read	None	Read	None

SCANNING RANGE

Scan Description	SAGITTAL T2	SAGITTAL T1	SAGITTAL STIR	Post SAGITTAL T1 DIXON
FOV	140	140	140	140
Filter	Prescan	Prescan	Prescan	Prescan
Slice Thickness	3.5	3.5	3.5	3.5
Spacing %	25%	25%	25%	25%
Number of Slices	18	18	17	17
Acquisition Time	1:33 min	3:15 min	1:50 min	3:32 min

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