SPECIALTY SPINE 3.0T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Extra sequences for specialty applications • If HyperSense is not an option for your scanner, scan will be longer than indicated
Position	Supine Head First, or Supine Feet First for Lumbar Spine on Gems Table
Coil	C/T/L as needed, HNU or Gems Spine

CONTRAST AGENT PARAMETERS

Contrast Agent	Dose	Injection Rate
Gadopiclenol (VUEWAY)	0.05 mmol/kg up to a calculated volume of 10 mL	Hand bolus
Saline Flush	10-20 mL	Hand Bolus

IMAGING PARAMETERS

Scan Description	Optional Sequence For Problem Solving	CORD COMP/CAUDA EQUINA-SPINE SCREEN	CORD COMP/CAUDA EQUINA-SPINE SCREEN	DIFFUSION	—	—	—	—
Primary Sequence	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
Mode	2D	2D	2D	3D	3D	3D	3D	
Pulse Sequence	FSE-XL	FSE-XL	EPI-DWI	FIESTA-C	CUBE	CUBE	CUBE FOCUS	
Parallel Imaging	ARC	ARC	Asset=2	ARC=2	ARC=2	ARC=2	ARC	
Options	ARC=2, TRF, FC	ARC=2	B=600	NPW, EDR, FAST, ZIP2	EDR, ZIP2, ARC, ZIP512, FR	FC, EDR, ZIP2, ZIP512, FR, ARC	HS 1,2 Advanced, CUBE STIR-1, Appd, INT-1	

SCAN PARAMETERS

Scan Description	SAGITTAL T2	SAGITTAL STIR	SAGITTAL DWI	SAGITTAL FIESTA	SAGITTAL 3D T1 CUBE	SAGITTAL 3D T2 CUBE	Pre and/or Post CORONAL CUBE STIR
TE	100	50	Min	Min	15	83	60
TR	4000	4000	9000	—	550	2500	3000
TI	—	230	—	—	—	—	230
Flip Angle	150	150	—	55	Auto	Auto	—
ETL	22	9	—	—	24	70	130
Bandwidth	62	62	62	36	62	62	100
SAT	—	—	—	—	With or without Fat Sat	With or without Fat Sat	—
NPW	Yes	Yes	Yes	—	Yes	Yes	Yes

ACQUISITION PARAMETERS

Scan Description	SAGITTAL T2	SAGITTAL STIR	SAGITTAL DWI	SAGITTAL FIESTA	SAGITTAL 3D T1 CUBE	SAGITTAL 3D T2 CUBE	Pre and/or Post CORONAL CUBE STIR
MATRIX freq	256	256	80	256	256	256	320
MATRIX phase	256	224	140	256	256	256	320
NEX	1	1	1	1	1	1	1
Freq DIR	A/P	A/P	S/I	S/I	S/I	S/I	—
FC Direction	Freq	—	—	Freq	Freq	Freq	—

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 GE HealthCare Systems
Central Nervous System

IMAGING FORUMS, INC.

SCANNING RANGE

Scan Description	SAGITTAL T2	SAGITTAL STIR	SAGITTAL DWI	SAGITTAL FIESTA	SAGITTAL 3D T1 CUBE	SAGITTAL 3D T2 CUBE	Pre and/or Post CORONAL CUBE STIR
FOV	380	380	PRN (22-32)	PRN (22-40)	32	26	320
Phase FOV	1	1	0.8	1	1	1	1
Filter	PURE	PURE	—	PURE	PURE	PURE	PURE
Slice Thickness	3	3	4	1.2	1.2	2	1.2
Spacing	0.3	0.3	0	—	—	—	—
Number of Slices	15	15	As needed	1 Slab-60	112	112	160
Scan Time	1:36 min	2:20 min	~2-5 min	~4-5 min	~3-5 min	~3-5 min	~3-5 min

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