GENERIC PELVIS 3.0T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Supine • Fat sensitive sequences are intended to identify fat containing ovarian masses
Common Indications	Pain infection, non-gynecologic malignancy
Coil	32 channel Body coil, GEMS array, or Air coil Torso or GEMS array
Landmark	Xyphoid

CONTRAST AGENT PARAMETERS

Contrast Agent	Dose	Injection Rate	Dose Timing Method and Scan Delay
Gadopiclenol (VUEWAY)	0.05 mmol/kg up to a calculated volume of 10 mL	2 mL/sec	Power injectors should be used if arterial or multiple phases are desired. Otherwise, the use of power injectors or hand injection can be performed Smart Prep Bolus Tracker - Peak Arterial plus 12 sec
Saline Flush	50 mL	2 mL/sec	Immediately following gadolinium
Dynamic LAVA Notes	• Arterial Smart Prep - Tracker in aorta @ renal artery level, 12 sec delay • 90-120 sec delay		

Comments	Quiet breathing	Expiration	—	—	Breath hold Pre Late Arterial 90-120 sec	Breath hold	Optional: Resp Trig	Optional: Axial DWI

IMAGING PARAMETERS

Scan Description	3PL LOCALIZER SSFSE ARC	CORONAL SSFSE ARC	SAGITTAL T2	AXIAL T2	AXIAL T1 LAVA-Flex	SAGITTAL T1 LAVA-Flex	AXIAL T2 Fat Sat RT	AXIAL DWI
Mode	2D	2D	2D	2D	3D	3D	2D	2D
Pulse Sequence	SSFSE	SSFSE	FRFSE-XL	FRFSE-XL	LAVA-Flex	LAVA-Flex	FRFSE-XL	EPI-DIFF
Imaging Options	EDR, SEQ, FAST, SS, ARC	EDR, FAST, SS, ARC, TRF	FC, TRf, FAST, FR	FC, TRf, FAST, FR, NPW	EDR, ZIP512, ZIP2, ARC	EDR, ZIP512, ZIP2, ARC	Resp Trig, ARC TRf, FAST	EPI, DIFF, ASSET, 1 Shot

SCAN PARAMETERS

Scan Description	3PL LOCALIZER SSFSE ARC	CORONAL SSFSE ARC	SAGITTAL T2	AXIAL T2	AXIAL T1 LAVA-Flex	SAGITTAL T1 LAVA-Flex	AXIAL T2 Fat Sat RT	AXIAL DWI
TE	90	90	103	103	Def	Def	90	Min
TR	1000	Min	3400	3400	Def	Def	Def	6000
Flip Angle	—	—	—	—	15	15	—	—
ETL	—	—	21	21	—	—	19	—
Bandwidth	62	83	62	62	142	142	50	—
SAT	—	—	Sat Scr Ant Sat	Sat Scr Ant Sat	—	—	Chem Sat Fat Sat	—

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Supported by an educational grant from Bracco Diagnostics Inc.

MR Gadopiclenol (VUEWAY®) Protocol for GE HealthCare Systems
Body MR Imaging

IMAGING FORUMS, INC.

ACQUISITION PARAMETERS

Scan Description	3PL LOCALIZER SSFSE ARC	CORONAL SSFSE ARC	SAGITTAL T2	AXIAL T2	AXIAL T1 LAVA-Flex	SAGITTAL T1 LAVA-Flex	AXIAL T2 Fat Sat RT	AXIAL DWI
MATRIX freq	288	320	320	320	264	264	320	192
MATRIX phase	192	224	224	224	224	224	224	192
NEX	1	1	2	2	1	1	2	—
Phase FOV	1	1	1	1	1	1	0.8	1
Freq Direction	S/I	S/I	S/I	A/P	R/L	R/L	drR/L	S/I
Accel	Ph 2	Ph 2	—	—	—	—	Ph 2	—
User CV	1, 240, 1	Max echos 240	—	—	Turbo 1	Turbo 1	Fat Sat eff 1 Fn Ln sup 0	Ramp samp 1 Flair Inv 0 Grad opt 1
Other	—	—	—	—	Precontrast: Water, Fat In Phase Out Phase acquired	—	Resp: 2 RR Tr Pt 30% Tr wd 30%	DWI b val 0-50 6 nex Diff Dir ALL b val 400-1000 nex 6 Opt TE On

SCANNING RANGE

Scan Description	3PL LOCALIZER SSFSE ARC	CORONAL SSFSE ARC	SAGITTAL T2	AXIAL T2	AXIAL T1 LAVA-Flex	SAGITTAL T1 LAVA-Flex	AXIAL T2 Fat Sat RT	AXIAL DWI
FOV	48	38	28	28	32	32	36	30
Slice Thickness	8	5	2.9	2.9	3.2	3.2	5	5
Spacing	0	0	0.3	0.3	0	0	1	1
Number of Slices	Offset A40	—	15 Slices/acq	15 Slices/acq	104 Locs	104 Locs	@ 60 Slices	30 Slices
Approx. Scan Time	0:46	0:25/acq	4:00 ±	4:00 ±	0:24	0:24	3:30	2:26

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