GYNECOLOGIC CANCER STAGING 1.5T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Small FOV: Centered on uterus • Large FOV: Renal vein level to symphysis; oblique axis refers to the tumor axis in the uterus (varies for endometrium vs cervix) • Vaginal gel: 30-60 mL • For metal artifacts consider reduced FOV multishot DWI, changing readout direction
Common Indications	Staging endometrial, cervical, vaginal, vulvar, ovarian/adnexal malignancy
Position	Supine
Coil	32 channel Torso, GEMS Body array, or Air coil
Landmark	Iliac Crest

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	Pre - Axial Late Arterial - Sagittal T1 90-120 sec - Axial T1 3-5 min post					
Saline Flush	50 mL	2 mL/sec	Immediately following gadolinium					
Comments	—	Above kidneys to below symphysis	—	—	Breath hold Pre, Late Arterial, 3-5 min	Breath hold 90-120 sec postcontrast injection	Axial DWI	Optional: For ovaries

IMAGING PARAMETERS

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

SCAN PARAMETERS

Scan Description	3PL LOCALIZER SSFSE	CORONAL T2 SSFSE	SAGITTAL T2	AXIAL or OBLIQUE AXIAL T2	AXIAL T1 LAVA-Flex	SAGITTAL T1 LAVA-Flex	AXIAL DWI	CORONAL T2
TE	90	90	103	103	Def	Def	Min	103
TR	Min	Min	3400	3400	Def	Def	6000	3400
Flip Angle	—	—	—	—	15	15	—	—
ETL	—	—	21	21	—	—	—	21
Bandwidth	62	62	41	41	92	92	—	41
SAT	—	—	Sat Scr Ant Sat	Sat Scr Ant 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	CORONAL T2 SSFSE	SAGITTAL T2	AXIAL or OBLIQUE AXIAL T2	AXIAL T1 LAVA-Flex	SAGITTAL T1 LAVA-Flex	AXIAL DWI	CORONAL T2
MATRIX freq	288	256	320	320	264	264	192	320
MATRIX phase	192	224	224	224	224	224	192	224
NEX	1	1	2	2	1	1	—	2
Phase FOV	1	1	1	1	1	1	1	1
Freq Direction	—	S/I	S/I	A/P	R/L	R/L	S/I	S/I
Accel	Ph 2	Ph 2	—	—	—	—	—	—
User CV	1, 240, 1	0, 240, 0	Blur canc 1	Blur canc 1	Turbo 1	Turbo 1	Ramp samp 1 Flair Inv 0 Grad opt 1	Blur canc 1
Other	—	—	—	—	—	—	DWI b val 0-50 nex 6 Diff Dir ALL b val 400-1000 nex 6 Opt TE On	—

SCANNING RANGE

Scan Description	3PL LOCALIZER SSFSE	CORONAL T2 SSFSE	SAGITTAL T2	AXIAL or OBLIQUE AXIAL T2	AXIAL T1 LAVA-Flex	SAGITTAL T1 LAVA-Flex	AXIAL DWI	CORONAL T2
FOV	48	36	28	28	32	32	30	28
Slice Thickness	8	6	2.9	2.9	3.2	3.2	4	2.9
Spacing	0	1	0.3	0.3	0	0	0.5	0.3
Number of Slices	21 Slices	Slices PRN	15 Slices/acq	15 Slices/acq	104 Locs	104 Locs	30 Slices	15 Slices/acq
Approx. Scan Time	0:19	0:18/acq	1:15/acq	2:13/acq	0:24	0:24	2:26	1:15/acq

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