NW
IMAGING FORUMS, INC.

# GYNECOLOGIC PELVIS 1.5T

## INSTRUCTIONS AND PATIENT PREPARATION

| | |
|---|---|
| **Instructions** | • Small FOV: Centered on uterus<br>• Large FOV: Renal vein level to symphysis; oblique axis refers to the tumor axis in the uterus (varies for endometrium vs cervix) |
| **Common Indications** | Dysmenorrhea, fibroids, endometriosis, tubo-ovarian abscess |
| **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 | UTERUS ONLY: Parallel to long axis of uterus Optional: No Fat | Optional: 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 | OBLIQUE Hires T2 | AXIAL DWI | CORONAL T2 |
|---|---|---|---|---|---|---|---|---|---|
| **Mode** | 2D | 2D | 2D | 2D | 3D | 3D | 2D | 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 | FRFSE-XL, FC, TRf, FAST, FR | 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 | OBLIQUE Hires T2 | AXIAL DWI | CORONAL T2 |
|---|---|---|---|---|---|---|---|---|---|
| **TE** | 90 | 90 | 103 | 103 | Def | Def | 86 | Min | 103 |
| **TR** | Min | Min | 3400 | 3400 | Def | Def | 3400 | 6000 | 3400 |
| **Flip Angle** | — | — | — | — | 15 | 15 | — | — | — |
| **ETL** | — | — | 21 | 21 | — | — | 21 | — | 21 |
| **Bandwidth** | 62 | 62 | 41 | 41 | 92 | 92 | 41 | — | 41 |
| **SAT** | — | — | Sat Scr Ant Sat | Sat Scr Ant Sat | — | — | Sat Scr Fat Sat | — | — |

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 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 | OBLIQUE Hires T2 | AXIAL DWI | CORONAL T2 |
|---|---|---|---|---|---|---|---|---|---|
| **MATRIX freq** | 288 | 256 | 320 | 320 | 264 | 264 | 384 | 192 | 320 |
| **MATRIX phase** | 192 | 224 | 224 | 224 | 224 | 224 | 224 | 192 | 224 |
| **NEX** | 1 | 1 | 2 | 2 | 1 | 1 | 2 | — | 2 |
| **Phase FOV** | 1 | 1 | 1 | 1 | 1 | 1 | 0.8 | 1 | 1 |
| **Freq Direction** | — | S/I | S/I | A/P | R/L | R/L | R/L | S/I | S/I |
| **Accel** | Ph 2 | Ph 2 | — | — | — | — | — | — | — |
| **User CV** | 1, 240, 1 | 0, 240, 0 | — | — | Turbo 1 | Turbo 1 | Fat Sat eff 1 | Ramp samp 1<br>Flair Inv 0<br>Grad opt 1 | — |
| **Other** | — | — | — | — | — | — | — | DWI<br>b val 0-50<br>nex 6<br>Diff Dir ALL<br>b val 400-1000<br>nex 6<br>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 | OBLIQUE Hires T2 | AXIAL DWI | CORONAL T2 |
|---|---|---|---|---|---|---|---|---|---|
| **FOV** | 48 | 36 | 28 | 28 | 32 | 32 | 28 | 30 | 28 |
| **Slice Thickness** | 8 | 6 | 2.9 | 2.9 | 3.2 | 3.2 | 4 | 4 | 2.9 |
| **Spacing** | 0 | 1 | 0.3 | 0.3 | 0 | 0 | 0.5 | 0.5 | 0.3 |
| **Number of Slices** | 21 Slices | Slices PRN | 15 Slices/acq | 15 Slices/acq | 104 Locs | 104 Locs | 17 Slices/acq | 30 Slices | 15 Slices/acq |
| **Approx. Scan Time** | 0:19 | 0:18/acq | 1:15/acq | 2:13/acq | 0:24 | 0:24 | 1:49/acq | 2:26 | 1:15/acq |

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