

| CT Pelvis Without Contrast |                                                                                                                                  |                                           |                                            |                                            |                                           |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|
| Technical Parameters       |                                                                                                                                  |                                           |                                            |                                            |                                           |
| kVp:                       | Siemens: Care kV (120 reference) GE: Auto Prescription                                                                           |                                           |                                            |                                            |                                           |
| mAs:                       | Dose Modulation System (ex CAREdose 4D, smart mA)                                                                                |                                           |                                            |                                            |                                           |
| Pitch:                     | <1 preferred                                                                                                                     |                                           |                                            |                                            |                                           |
| Collimation:               | Siemens (128x0.6) GE (40mm or 80mm)                                                                                              |                                           |                                            |                                            |                                           |
| Scan Direction:            | Craniocaudal                                                                                                                     |                                           |                                            |                                            |                                           |
| Rotation Time:             | 1s or less                                                                                                                       |                                           |                                            |                                            |                                           |
| Anatomic Coverage:         | Scan should cover from above the crest through the lesser trochanters<br>Have patient take a breath in and hold it for the scan. |                                           |                                            |                                            |                                           |
| Reconstruction Parameters: | Soft Tissue Axial                                                                                                                | Axial Bone                                | Coronal                                    | Sagittal                                   | Thins                                     |
| Slice Thickness:           | 5mm                                                                                                                              | 2.5mm                                     | 2.5mm                                      | 2.5mm                                      | 2.5mm                                     |
| Reconstruction Interval:   | 5mm                                                                                                                              | 2.5mm                                     | 2.5mm                                      | 2.5mm                                      | 2.5mm                                     |
| Reconstruction FOV:        | Smallest area to include relevant anatomy                                                                                        | Smallest area to include relevant anatomy | Smallest area to include relevant anatomy  | Smallest area to include relevant anatomy  | Smallest area to include relevant anatomy |
| Window                     | Siemens (Mediastinum)<br>GE (WW 350 WL 50)                                                                                       | Siemens (Bone)<br>GE (WW 1800 WL 400)     | Siemens (Mediastinum)<br>GE (WW 350 WL 50) | Siemens (Mediastinum)<br>GE (WW 350 WL 50) | Siemens (Bone)<br>GE (WW 1800 WL 400)     |
| Kernel/Algorithm:          | Siemens (Br 36)<br>GE (Standard)                                                                                                 | Siemens (Br 69)<br>GE (Sharp)             | Siemens (Br 36)<br>GE (Standard)           | Siemens (Br 36)<br>GE (Standard)           | Siemens (Br 69)<br>GE (Sharp)             |
| Kernel/Algorithm:          | Siemens (Br 36)<br>GE (Standard)                                                                                                 | Siemens (Br 69)<br>GE (Sharp)             | Siemens (Br 36)<br>GE (Standard)           | Siemens (Br 36)<br>GE (Standard)           | Siemens (Br 69)<br>GE (Sharp)             |

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| Contrast:                  | 100mL Omni350Iso370 4mL/s                                                                                                        |                                           |                                            |                                            |                                           |
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| Slice Thickness:           | 5mm                                                                                                                              | 2.5mm                                     | 2.5mm                                      | 2.5mm                                      | 2.5mm                                     |
| Reconstruction Interval:   | 5mm                                                                                                                              | 2.5mm                                     | 2.5mm                                      | 2.5mm                                      | 2.5mm                                     |
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