

CT Abdomen 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 just above the diaphragm through the lesser trochanters<br>Have patient take a breath in and hold it for the scan. |                                           |                                            |                                            |                                            |
| Reconstruction Parameters: | Soft Tissue Ax                                                                                                                            | Lung                                      | Coronal                                    | Sagittal                                   | Axial Thins                                |
| Slice Thickness:           | 5mm                                                                                                                                       | 5mm                                       | 2.5mm                                      | 2.5mm                                      | 2.5mm                                      |
| Reconstruction Interval:   | 5mm                                                                                                                                       | 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 (Lung)<br>GE (WW 1500 WL -600)    | Siemens (Mediastinum)<br>GE (WW 350 WL 50) | Siemens (Mediastinum)<br>GE (WW 350 WL 50) | Siemens (Mediastinum)<br>GE (WW 350 WL 50) |
| 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 36)<br>GE (Standard)           |