# 5170\_Che\_2\_AbdPel

# 5170\_Chest\_2\_AbdomenPelvis

# (Siemens Flash)

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| **CHARGE: 71260K CT CHEST W/CST + d 3D**  **74160N CT Abd + Pelvis W/CST** |

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| **SET UP & INSTRUCTIONS** | | | |
| **Scout length: 768**  **Zero location: Above apices**  **Scan Type: Spiral** | | Patient Position: SupineBreathing Technique: Inspiration | |
| CONTRAST / INJECTION / INSTRUCTIONS | | | |
| **Oral**:  **Readi-Cat**  **Special Instructions:** | **IV:**  **1ml per pound Omnipaque 300 minus 30ml, plus 30ml saline flush**  **Special Instructions:**  *If using contrast*:  May use Visipaque 320 for special circumstances for GFR, creatinine and contrast related issues | | **Injection Rate:**  **3ml per second**  **Special Instructions:**  Scan Chest @ 25 seconds  Scan Abdomen @ 90 seconds |
| **Scanning: MAKE SURE TO AUTO TASK FOR EXAM SPLITS**  **Protocol Overview:**   1. **Chest- above apices thru diaphragm** 2. **Abdomen & Pelvis - above diaphragm to 1cm below ischial tuberosities** | | | |
| **SPECIAL INSTRUCTION:** | | | |

**ADD CONTRAST**

***Scan: Apices through diaphragm @ 25 seconds***

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| ***ROUTINE TAB:*** | |  | ***RECON TAB:*** | |
| **Eff. mAs:** | Modulated |  | **Safire:** *(On or Off)* | √ On |
| **kV:** | Modulated |  | **Strength (SAFIRE):** | 2 |
| **Delay:** | 25 seconds |  | **FAST:** | √ On |
| **Slice:** | 3.0 mm  Acq 128x0.6 mm |  |  |  |
| **Dose Notification Value** | 50 |  |  |  |
|  |  |  |  |  |
| ***SCAN TAB:*** | |  | **Bolus Tracking** |  |
| **CARE Dose4D: (On or Off)** | On |  | **mAs:** |  |
| (If CARE Dose 4D is “*OFF”*) |  |  | **kV:** |  |
| Change: Effective mAs |  |  | **Delay:** |  |
| Change: kV |  |  | **Trigger (HU):** |  |
| **CARE kV: (On or Off)** | On |  |  |  |
| **Ref QRM** | 200 |  |  |  |
| **Ref kV** | 150 |  |  |  |
| **Dose optimized level** | 7 |  |  |  |
| **Rotation Time:** | 0.5 sec |  |  |  |
| **Pitch:** | 1.0 |  |  |  |
| **Direction:** | Craniocaudal |  |  |  |
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| ***Series Information and Reformats: Chest*** |

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|  | **Recon 1** | **Recon 2** | **Recon 3** | **Recon 4** |
| **Series Description:** | art Che  (axial) | art Che sag  (sagittal) | art Che mip  (axial) | art Che c140 3dt  (axial) |
| **Slice:** | 3 mm | 3 mm | 10 mm | 1 mm |
| **SAFIRE:** | √ On | √ On | √ On | √ On |
| **SAFIRE Strength:** | 2 | 2 | 2 | 2 |
| **Algorithm** | I41f medium | I41f medium | I41f medium | I50f medium |
| **FAST:** | √ On | √ On | √ On | √ On |
| **Window:** | 350 / 40 | 2000 / 350 | 1500 / -700 | 1500 / -700 |
| **FoV** | 360 | 360 | 360 | 360 |
| **Recon job type:** | Axial | 3D | 3D | Axial |
| **Recon Region** | Wide | N/A | N/A | N/A |
| **Recon axis: for 3D** | N/A | Sagittal | Axial | Axial |
| **Type: 3D** | N/A | MPR | MIP | N/A |
| **Image order:** | Craniocaudal | Left to Right | Anterior to Posterior | Craniocaudal |
| **Increment:** | 2 mm | 2 mm | 3 mm | 1 mm |
| **Destination:** | PACS | PACS | PACS | ROUTER, PACS |

***Abdomen & Pelvis***

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| ***ROUTINE TAB:*** | |  | ***RECON TAB:*** | |
| **Eff. mAs:** | Modulated |  | **Safire:** *(On or Off)* | On |
| **kV:** | Modulated |  | **Strength (SAFIRE):** | 3 |
| **Delay:** | 70 seconds |  | **FAST:** | √ On |
| **Slice:** | 3.0 mm  Acq 128x0.6 mm |  |  |  |
| **Dose Notification Value** | 50 |  |  |  |
|  |  |  |  |  |
| ***SCAN TAB:*** | |  | **Bolus Tracking** |  |
| **CARE Dose4D: (On or Off)** | On |  | **mAsabc:** |  |
| (If CARE Dose 4D is “*OFF”*) |  |  | **kV:** |  |
| Change: Effective mAs |  |  | **Delay:** |  |
| Change: kV |  |  | **Trigger (HU):** |  |
| **CARE kV: (On or Off)** | On |  |  |  |
| **Ref QRM** | 180 |  |  |  |
| **Ref kV** | 120 |  |  |  |
| **Dose optimized level** | 6 |  |  |  |
| **Rotation Time:** | 0.5 sec |  |  |  |
| **Pitch:** | 1.0 |  |  |  |
| **Direction:** | Craniocaudal |  |  |  |
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| ***Series Information and Reformats:*** |

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|  | **Recon 1** | **Recon 2** | **Recon 3** |
| **Series Description:** | ven AbdPel a030  (axial) | ven AbdPel cor  (coronal) | ven AbdPel a030 :-D  (axial) |
| **Slice:** | 3 mm | 3 mm | 0.6 mm |
| **SAFIRE:** | √ On | √ On | √ On |
| **SAFIRE Strength:** | 3 | 3 | 3 |
| **Algorithm** | I30f med smooth | I30f med smooth | I30f med smooth |
| **FAST:** | √ On | √ On | √ On |
| **Window:** | Abdomen | Abdomen | Abdomen |
| **FoV** | 360 | 360 | 360 |
| **Recon job type:** | Axial | 3D | Axial |
| **Recon Region** | Wide | N/A | Wide |
| **Recon axis: for 3D** | N/A | Coronal | N/A |
| **Type: 3D** | N/A | MPR | N/A |
| **Image order:** | Craniocaudal | Anterior/Posterior | Craniocaudal |
| **Increment:** | 3 mm | 3 mm | 0.6 mm |
| **Destination:** | PACS | PACS | Geadvws07 |