

UT Southwestern Department of Radiology

Protocol Name: Kidney Tumor plus Pelvis

Orderable Name: CT ABDOMEN/PELVIS W AND WO IV AND PO CONTRAST

Adult Only

Epic Button: Kidney Tumor + Pelvis

CTDIvol < 60 mGy
DLP < 12500 mGycm

Indications: Initial staging RCC, indeterminate kidney mass, post RFA, SBRT (Stereotactic Body Radiation Therapy)

Acquisitions: 3

Active Protocol

| | | | |
|-----------------------------------|---|------------------------------------|---|
| <p>Oral Contrast: None</p> | <p>IV Contrast: Link to Contrast Information</p> <p>Rate (mL/sec): P3T</p> <p>Volume (mL): P3T</p> <p>IV Access: Power injection: 20g or larger in large vein (prefer AC fossa or forearm)</p> <p>Notes:</p> | <p>Other Contrast: None</p> | <p>Airway Full inspiration</p> <hr/> <p>Other Notes Consult body habitus kVp selection chart.</p> |
|-----------------------------------|---|------------------------------------|---|

Last Change: 2/1/2023

Last Review: 1/17/2024

Links: [kVp Body Chart](#) [General Statements](#)

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|-----------------------------|--|--|--|
| Special Instructions | | | |
| Acq # / Series Name | 1 Noncontrast | 2 Late Arterial | 3 100 Sec Delayed |
| Phase Timing | | Bolus tracking | 100 seconds |
| Acquisition Protocol | Abdominal Contrast 3mm | Abdominal Contrast 3mm | Abdominal Contrast 3mm |
| Coverage | Kidneys | Diaphragm through kidneys | Diaphragm thru pubis symph |
| FOV | Whole body | Whole body | Whole body |
| Algorithm | Soft Tissue | Soft Tissue | Soft Tissue |
| Axial Recons | 3 mm | 3 mm | 3 mm |
| Other Planar Recons | 2 mm coronal and sagittal | 2 mm coronal and sagittal | 2 mm coronal and sagittal |
| MIP Recons | | | |
| †DECT Philips | | mono E 50, SBI | mono E 50, SBI |
| †DECT Siemens | | mono E 50 | mono E 50 |
| †PC-CT Siemens | | mono E 60 | mono E 60 |

† When dual energy (DE) or photon counting (PC) CT is used

