

UT Southwestern Department of Radiology

Protocol Name: Kidney Tumor

Orderable Name: CT ABDOMEN W AND WO IV CONTRAST

Adult Only

Epic Button: Kidney Tumor

CTDIvol < 60 mGy

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

DLP < 10000 mGycm

Acquisitions: 3

Active Protocol

Oral Contrast: None	IV Contrast: Link to Contrast Information Rate (ml/sec): P3T Volume (ml): P3T IV Access: Power injection: 20g or larger in large vein (prefer AC fossa or forearm) Notes:	Other Contrast: None	Airway Full inspiration Other Notes Consult body habitus kVp Selection Chart.
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Last Change: 1/7/2025

Last Review: 1/7/2025

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

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 through kidneys
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 70	mono E 70	mono E 70

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

