

UT Southwestern Department of Radiology

Protocol Name: Renal Colic

Orderable Name: CT RENAL COLIC WO IV CONTRAST

Adult or Pediatric

Epic Button: Renal Colic

CTDIvol < 60 mGy

Indications: Acute flank pain, stones

DLP < 5000 mGycm

Acquisitions: 1

Active Protocol

Oral Contrast: None

IV Contrast: None

Other Contrast: None

Airway

Full inspiration

Other Notes

Consult body habitus kVp selection chart.

If performed in the last 3 months, use the LOW DOSE machine acquisition protocol.

Last Change: 1/17/2024

Last Review: 1/17/2024

Links: [kVp Body Chart](#)

[General Statements](#)

Special Instructions	
Acq # / Series Name	1 Noncontrast
Phase Timing	
Acquisition Protocol	Renal Colic - Protocol Selector
Coverage	Top of kidneys through symph
FOV	Whole body
Algorithm	Soft Tissue
Axial Recons	3 mm
Other Planar Recons	2 mm coronal and sagittal
MIP Recons	
†DECT Philips	
†DECT Siemens	Kidney Stone Maps
†PC-CT Siemens	Kidney Stone Maps

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

