

UT Southwestern Department of Radiology

Protocol Name: CTV Upper Extremity

Orderable Name: CT VENOGRAM UPPER EXTREMITY LEFT W AND/OR WO IV CONTRAST
CT VENOGRAM LOWER EXTREMITY RIGHT W AND/OR WO IV CONTRAST

Adult Only

Epic Button: CTV Upper Extremity

CTDIvol < 60 mGy

Indications: DVT, swelling, trauma, varicose veins, superficial venous disease, post-thrombotic syndrome, venous claudication, lower extremity wound/ulcer, poor wound healing, pre-op evaluation (intervention or fibular free flap),

Acquisitions: 1

Active Protocol

<p>Oral Contrast: None</p>	<p>IV Contrast: Link to Contrast Information</p> <p>Rate (ml/sec): 3</p> <p>Volume (ml): 100 (split)</p> <p>IV Access: Power injection: 20g or larger strongly preferred (if 22g reduce rate to 2.5 ml/sec)</p> <p>Notes: Test injection 20 ml saline. 1st bolus 75 ml, pause 60 sec. 2nd bolus 25 ml. 25 ml saline flush.</p>	<p>Other Contrast: None</p>	<p>Airway Inspiration</p> <hr/> <p>Other Notes Read by VIR division</p> <p>Dual energy required.</p>
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Last Change: 4/12/2024

Last Review: 5/22/2024

Links:

<p>Special Instructions</p>	<p>Send volume to TeraRecon</p>
<p>Acq # / Series Name</p>	<p>1 Double Bolus</p>
<p>Phase Timing</p>	<p>110 seconds</p>
<p>Acquisition Protocol</p>	<p>Vascular</p>
<p>Coverage</p>	<p>Bottom of aortic arch to fingertips</p>
<p>FOV</p>	<p>Mid line of chest to skin</p>
<p>Algorithm</p>	<p>Soft Tissue</p>
<p>Axial Recons</p>	<p>2 mm, 0.5 mm</p>
<p>Other Planar Recons</p>	<p>2 mm coronal and sagittal</p>
<p>MIP Recons</p>	<p></p>
<p>†DECT Philips</p>	<p>40 keV, SBI</p>
<p>†DECT Siemens</p>	<p>40 keV, Iodine map.</p>
<p>†PC-CT Siemens</p>	<p></p>

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

