

PERIPHERAL CTA RUN-OFF W (added delay scan-feet to knees)

DX: CLAUDICATION, PVD, ARTERIO-OCCLUSIVE DISEASE

PREP: CLEAR LIQUIDS 4 HOURS PRIOR

Localizer(s)	Frontal & Lateral	
Scan Series	Abdomen/Pelvis - Bilateral lower extremities	Distal legs: sole of feet to femoral condyles-repeat scan
Scan Phase	Arterial	Immediately after runoff is done scanning
Instructions	Inspiration	N/A
Contrast Agent	350-370	ALREADY INJECTED
Volume/Rate	120 ml/3.0ml per sec	N/A
Contrast Delay	Bolus tracked at renal arteries + 20 sec delay (+275HU)	N/A
Start	Above diaphragms	Soles of feet
End	Toes	Femoral condyles
Scan Type	Helical	Helical
kVp	80-110	80-110
Target CT DIvol	<10 mGy	<10 mGy
Max CT DIvol	20 mGy	20 mGy
Max Scan Time	24 sec (scan time must be between 20-24 sec) *DO NOT SCAN FASTER!*	15 sec
Pitch	0.9-1.75:1	0.9-1.5:1
DFOV	To body wall at top of thigh	same as runoff scan
Send to PACS	AX 1.25-1.5 contiguous standard	AX 1.25-1.5 contiguous standard
	COR 2x2 abd/pel (MPR, not MIP)	
	COR 2x2 MPR thighs (acetabulum - tibial plateau)	
	COR 2x2 MPR calves/feet (femoral condyles - toes)	COR 2x2 MPR calves/feet (femoral condyles - toes)
	SAG 2x2 MPR abd/pel	
	SAG 2x2 MPR thighs (acetabulum - tibial plateau)	
	SAG 2x2 MPR calves/feet (femoral condyles - toes)	SAG 2x2 MPR calves/feet (femoral condyles - toes)
	3D VRT (anterior & posterior views of above 3 areas)	3D VRT (anterior & posterior views)