INDICATION	To map blood vessels in the abdominal wall for autologous breast reconstruction (like DIEP flaps)
POSITION / LANDMARK	
START/END LOCATIONS	Caudo-cranial, below pubis through above diaphragm
CONTRAST PARAMETERS	100cc Isovue300, 4cc per second
RESPIRATORY PHASE	Inspiration
SCAN DELAY	Smart prep – bolus track in the common femoral artery
SCAN TYPE	Helical

	KV	mA	Rot Time (sec)	Pitch	Speed (mm/rot)	Noise Index	ASiR	Dose Reduction
w	120	Smart mA 50-560	0.5	0.984:1	39.37	20		

TECHNIQUE	Using automated exposure control and adjustment of the mA and/or kV according to patient size, radiation dose to be kept as low as reasonably achievable to obtain optimal diagnostic quality images.

Scans

Series #	Series	Body Part	DFOV	Thick/Space	Algorithm	Notes
1	Loc					AP/Lat
2	Source data	Abd/Pel	36	0.75x0.4	STND	Use for recons and 3D.

Recons

Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes
2	AX	Abd/Pel	2.5x2.5	STND		
2	COR	Abd/Pel	2x2	STND		
2	SAG	Abd/Pel	2x2	STND		

*Please note, recons are displayed as thickness X spacing

2	AX	Abd/Pel	20x20	STND		
2	AX	Abd/Pel	50x20	STND		
2	COR	Abd/Pel	20x20	STND		

2D / 3D Processing

ABD/PEL Source: Axial source with 0.75x0.4 standard window

1. MIP and VR rotation – rotate 360 with 36 images

Series required in PACS

Loc, Dose Report, Source, ALL recons , ALL 3D post processed images

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing