

DIALYSIS GRAFT / FISTULA DUPLEX

Image Summary

<u>Image</u>	<u>Measurement</u>
Long inflow artery above access grayscale	
Long inflow artery above access color Doppler	
Long inflow artery above access spectral Doppler	PSV / EDV
Long arterial anastomosis grayscale	
Long arterial anastomosis color Doppler	
Long arterial anastomosis spectral Doppler	PSV / EDV
Long prox, mid & distal graft/ venous fistula grayscale	
Long prox, mid & distal graft/ venous fistula color Doppler	
Long prox, mid & distal graft/ venous fistula spectral Doppler*	PSV / EDV
Long venous anastomosis grayscale	
Long venous anastomosis color Doppler	
Long venous anastomosis spectral Doppler	PSV / EDV
Long outflow vein grayscale	
Long outflow vein color Doppler	
Long outflow vein spectral Doppler	
Long Subclavian grayscale dual screen w & w/o sniff compression	
Long Subclavian color Doppler	
Long Subclavian phasicity with spectral Doppler	
Long Subclavian augmentation by sniff test with spectral Doppler	
Long Ax gray scale dual screen w & w/o compression	
Long Ax color Doppler	
Long Ax phasicity with spectral Doppler	
Long Ax augmentation with spectral Doppler	

DIALYSIS CIMINO-BRESCIA FISTULA

Image Summary

<u>Image</u>	<u>Measurement</u>
Long inflow artery above access grayscale	
Long inflow artery above access color Doppler	
Long inflow artery above access spectral Doppler	PSV / EDV
Long anastomosis gray scale	
Long anastomosis color Doppler	
Long anastomosis spectral Doppler	PSV / EDV
Long prox, mid & distal forearm cephalic venous fistula grayscale	
Long prox, mid & distal forearm cephalic venous fistula color Doppler	
Long prox, mid & distal forearm cephalic venous fistula spectral Doppler*	PSV / EDV

For all types of dialysis access, if a steal is suspected, obtain the following images:

Long inflow artery below access grayscale	
Long inflow artery below access color Doppler	
Long inflow artery below access spectral Doppler	PSV / EDV

*Obtain spectral Doppler of the graft or venous fistula in 3 to 5 different sites. If there is a change of velocity, document velocities pre and post of the stenosis.

The ordering physician may request the depth of the fistula.

In the transverse view measure the width of the fistula as well as the depth from the skin in 5 places throughout the graft/fistula