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

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