



Name FAKE, FRED **DOB** 1/15/1960 **Age** 59 **Sex** Male **MRN** 123456789
Exam ID 5144 **Referred By** ELEVENTH, APRIL W., M.D. **Order No**
Exam Date 8/11/2019 **Modifier**
FIN

Reason for Study
 I70.418 Athero. of autologous vein bypass graft(s) of the extremities w/ intermittent claudication, other extremity

Dialysis Access Mapping

Vein Mapping												
Diameters	Right						Left					
	Cephalic	Basilic	Axill	Subcl	Innom	Jugular	Cephalic	Basilic	Axill	Subcl	Innom	Jugular
Upper Arm												
Prox							.31	.37				
Mid							.24	.37				
Dist							.24	.55				
Antecub												
Patent							Yes	Yes				
Forearm												
Prox							.40	.11				
Mid							.34	.16				
Dist							.32					
Patent							Yes	Yes				

Arterial Mapping								
Right				Left				
	Diameters	Vel (cm/s)	Multiphasic	Calcification	Diameters	Vel (cm/s)	Multiphasic	Calcification
Subclavian						65	Yes	No
Axillary					.62	84	Yes	No
Brachial					.51	78	Yes	No
Radial					.22	128	Yes	No
Ulnar					.51	107	Yes	Yes

Noninvasive evaluation of the cephalic vein, basilic vein, brachial veins, brachial artery and radial artery. Includes B-mode imaging, color Doppler, compression maneuvers, representative spectral Doppler tracings and representative diameter measurements.

Findings:

Left: Patent Left Cephalic and Basilic Veins with diameter measurements listed in chart above. Cephalic and Basilic veins in the upper arm measure at least 0.3 cm from shoulder to ACF, both are less than 0.25 cm below ACF. Flow change in the ulnar artery during provocative maneuvers on the radial artery suggests a complete palmar arch. The ulnar artery is small, radial artery appears to be dominant in the left arm.

Impression:

Bypass		
	PSV	Waveform
Prox Anas		
Prox		
Mid		
Distal		
Dist Anas		

Mega Hertz MD, RPVI
MEGA HERTZ, M.D., RPVI **8/15/2019**
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Performed By: **DAVE DOPPLER RVT**
 Created Date: 8/11/2019



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Left: Patent Left Cephalic and Basilic veins from shoulder to elbow appear to be of adequate caliber for hemodialysis access creation. Findings suggest a complete palmar arch.

Comparison:

comp

Comments:

comments

Note: Adequate vein segment is greater than or equal to 2.0 mm in diameter without evidence of thrombus or significant wall defects. Adequate arterial segment is greater than or equal to 2mm in diameter without evidence of stenosis or significant medial wall calcification.

Mega Hertz MD, RPVI

MEGA HERTZ, M.D., RPVI

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Report Prepared by PenVasc VIS

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