

Name FAKE, FRED **DOB** 1/15/1960 **Age** 59 **Sex** Male **MRN** 123456789
Exam ID 5117 **Referred By** ELEVENTH, APRIL W., M.D. **Order No**
Exam Date 8/15/2019 **Modifier**
FIN
Reason for Study
 I70.0 Atherosclerosis of aorta

Duplex Evaluation of Renal Arteries

Abdominal Aorta		Renal Artery PSV (cm/s)				Right			Left		
AP Measurement (cm)	2.4					PSV	EDV	RI	PSV	EDV	RI
Transverse Measurement (cm)	2.1										
Max Measurement (cm)	2.4										
Aorta Velocity (cm/s)	100	Ostial	101	32	95	12					
Waveform	Triphasic	Proximal	110	17	63	12					
		Mid	153	28	55	14					
		Distal	129	31	39	10					
		R/A Ratio	1.53		0.95						

Cortex (cm/s)	PSV	EDV	RI	PSV	EDV	RI
Upper Pole	65	13	0.80	32	10	0.69
Mid Pole	25	12	0.52	22	13	0.41
Lower Pole	47	23	0.51	24	19	0.21

	Kidney Length (cm.)	Cortex Length (cm.)
Right	8.3	5.5
Left	8.1	4.9

Renal Vein Patency	Right	Left
	Yes	Yes

Noninvasive arterial examination of the renal arteries, kidney vasculature, and juxtarenal aorta using duplex ultrasound.

Findings:

Right: No evidence of increased velocities of the right renal artery is noted.
 Renal length is within normal limits for the right kidney.
 No evidence of increased renovascular resistance is noted of the right kidney.
Left: No evidence of increased velocities of the left renal artery is noted.
 Renal length is within normal limits for the left kidney.
 Increased renovascular resistance is noted of the left kidney.

Impression:

Right: No evidence of occlusive disease of the right renal artery with normal kidney size.
 Normal intrarenal vascular perfusion is noted of the right kidney.
Left: No evidence of occlusive disease of the left renal artery with normal kidney size.
 Increased renovascular resistance is noted of the left kidney.

MEGA HERTZ, M.D., RPVI
 8/15/2019
 9:58 PM

Performed By: DAVE DOPPLER RVT
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