

MRN: 12345
DOB: 1974-05-15 **Age:** 45
Gender: F
Race: White
HR: 68
Height: 67 in **Weight:** 135 lbs
BP: 130/70 mmHg **BSA:** 1.71 m²
BMI: 21.14

Study Time: 02:28 PM
Reading Group: Cardiology Associates
Referring Group: Anytown Family Practice
Ordering Phys: Tim Smith, MD
Sonographer: Jane A. Smith, RVT, RDCS
Equipment: Unetix Multilabs

Study Quality: Excellent

Indications: Patient complains of bilateral lower limb pain

Diagnosis Code: M79.06 Lower limb pain

Procedure Code: 93923 Complete bilateral noninvasive physiologic studies of upper or lower extremity.

After informed consent, a complete Segmental Pressures was performed.

Segmental Pressures						Doppler		
Right			Left			Right	Left	
Waveform	Pressure	Index	Index	Pressure	Waveform	Waveform	Waveform	Waveform
	120		Brachial	118		Multiphasic	CFA	Multiphasic
Normal	122	1.02	High Thigh	124	Normal	Multiphasic	SFA	Multiphasic
Normal	124	1.03	Low Thigh	126	Normal	Multiphasic	POP A	Multiphasic
Normal	130	1.08	Calf	124	Normal	Multiphasic	PTA	Multiphasic
Normal	118	0.98	Ankle	122	Normal	Multiphasic	DPA	Multiphasic
Normal	104	0.87	Meta-Tarsal	106	Normal			
Normal	108	0.9	Great Toe	106	Normal			

Right						ABI						Left					
PE Three (mmHg)	PE One (mmHg)	PE Imm. (mmHg)	Spectral Waveform	PVR Waveform	Rest (mmHg)	Rest (mmHg)	PVR Waveform	Spectral Waveform	PE Imm. (mmHg)	PE One (mmHg)	PE Three (mmHg)	Rest (mmHg)	PVR Waveform	Spectral Waveform	PE Imm. (mmHg)	PE One (mmHg)	PE Three (mmHg)
120	130	140			120	118			142	136	126	120			148	142	136
130	146	150	Multiphasic	Normal	118	122	Normal	Multiphasic	150	148	134	116			150	148	134
132	150	154	Multiphasic	Normal	116	120	Normal	Multiphasic	1.06	1.09	1.08	0.98					
1.05	1.1	1.08			0.98	1.02						108	Toe Pressure	88			
					0.9	0.73											

Findings:

The right CFA, SFA, POP A, PTA and DPA waveforms demonstrate a multiphasic flow pattern. The left CFA, SFA, POP A, PTA and DPA waveforms demonstrate a multiphasic flow pattern.

Normal PVR waveform in the right high thigh, low thigh, calf, ankle, meta-tarsal and great toe. Normal PVR waveform in the left high thigh, low thigh, calf, ankle, meta-tarsal and great toe.

The right post tibial spectral waveform demonstrates a multiphasic flow pattern. The right dors pedis spectral waveform demonstrates a multiphasic flow pattern. Normal PVR waveforms of the right ankle. The left post tibial spectral waveform demonstrates a multiphasic flow pattern. The left dors pedis spectral waveform demonstrates a multiphasic flow pattern. Normal PVR waveforms of the left ankle.

Resting ankle brachial index of the right lower extremity is within normal limits. Post immediate right ABI is 1.08. One minute post exercise ABI is 1.1. Three minute post exercise ABI is 1.05. Resting ankle brachial index of the left lower extremity is within normal limits. Post immediate left ABI is 1.06. One minute post exercise ABI is 1.09. Three minute post exercise ABI is 1.08. Normal right TBI. Normal left TBI.

Conclusions:

The right CFA, SFA, POP A, PTA and DPA waveforms demonstrate a multiphasic flow pattern. The left CFA, SFA, POP A, PTA and DPA waveforms demonstrate a multiphasic flow pattern.

This exam reveals normal perfusion of the right lower extremity (ABI). This exam reveals normal perfusion of the left lower extremity (ABI).

November 12, 2020 10:03 AM EST
 CSI Admin Staff
 Electronically Signed on Studycast

Admin CSI