

MRN: ARTERIAL UE
DOB: 1955-12-21 **Age:** 55
Gender: M
HR: 90
Height: 75 in **Weight:** 230 lbs
BP: 134/60 mmHg **BSA:** 2.36 m²
BMI: 28.75

Study Time: 02:28 PM
Reading Group: default group
Referring Group: Cardiology Unlimited
Ordering Phys: Dr. Steve John
Sonographer: Jason DEMO

Study Quality: Excellent **Indications:** Pre-procedure assessment for planning of intervention
Complications: Emphysema History of kidney disease.
 Known history of peripheral arterial disease
Diagnosis Code: (I73.9) Peripheral vascular disease, unspecified **Risk Factors:** Smoker
Procedure Code: CPT 93930 Arterial Duplex Upper Ext Bilateral

Right
Left

	Waveform	Ratio	PSV (cm/s)		Waveform	Ratio	PSV (cm/s)
Subclavian	Ante;High;Multi		125	Subclavian	Ante;High;Multi		130
Axillary	Ante;Multi	1.14	142	Axillary	Ante;High;Multi	1.08	140
Brachial Prox	Ante;High;Multi	0.93	132	Brachial Prox	Ante;Multi	0.99	138
Brachial Mid	High;Multi	0.98	130	Brachial Mid	High;Multi	0.97	134
Brachial Dist	Multiphasic	1	130	Brachial Dist	Multiphasic	0.97	130
Radial	Multiphasic	1.03	134	Radial	Multiphasic	1.05	136
Ulnar	Multiphasic	1	130	Ulnar	Multiphasic	1.03	134

Segmental Pressures
Right
Left

Pressure (mmHg)	Pressure (mmHg)
130	Brachial 134
134	Radial 136
130	Ulnar 134
1	WBI 1.01

Right Findings:

No significant elevation of the peak systolic velocity is seen in the right upper extremity to suggest a hemodynamically significant stenosis.

The right axillary artery waveform demonstrates an antegrade, multiphasic flow pattern. The right distal brachial, radial and ulnar arteries waveforms demonstrate a multiphasic flow pattern. The right mid brachial artery waveform demonstrates a high-resistant, multiphasic flow pattern. The right subclavian and proximal brachial arteries waveforms demonstrate an antegrade, high-resistant, multiphasic flow pattern.

Left Findings:

No significant elevation of the peak systolic velocity is seen in the left upper extremity to suggest a hemodynamically significant stenosis.

The left proximal brachial artery waveform demonstrates an antegrade, multiphasic flow pattern. The left distal brachial, radial and ulnar arteries waveforms demonstrate a multiphasic flow pattern. The left mid brachial artery waveform demonstrates a high-resistant, multiphasic flow pattern. The left subclavian and axillary arteries waveforms demonstrate an antegrade, high-resistant, multiphasic flow pattern.

Segmental Pressure Findings

Right WBI is 100%. Left WBI is 101%.



**Arterial Duplex Upper Extremity
Study Report**

ARTERIALUE GE
August 02, 2011

Conclusions:

No significant velocity increase seen bilaterally.
There is no evidence of arterial obstruction or insufficiency in the right upper extremity.
There is no evidence of arterial obstruction or insufficiency in the left upper extremity.

November 12, 2020 09:45 AM EST
CSI Admin Staff
Electronically Signed on Studycast

Admin CSI