

Radial Artery, Palmar Arch Duplex and Allen's Test

Patient Name: _____

MRN: _____

DOB: _____

Date: _____

Tech: _____

Ordering Provider: _____

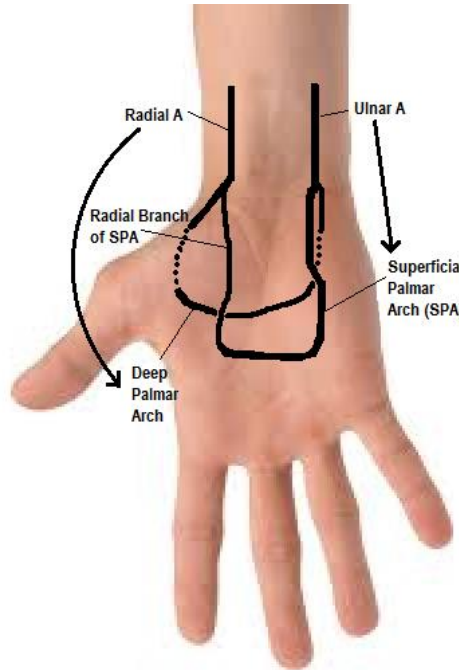
Indication: _____

☐ Coronary Artery Disease; Pre-operative mapping of radial artery to find adequate conduit for bypass

Radial Artery Results:

Right Radial:	AP Diam: (cm)	PSV: (cm/s)
Antecubital		
Prox forearm		
Mid forearm		
Distal forearm		
Wrist		

Plaque seen? ☐ No ☐ Yes



Left Radial:	AP Diam: (cm)	PSV: (cm/s)
Antecubital		
Prox forearm		
Mid forearm		
Distal forearm		
Wrist		

Plaque seen? ☐ No ☐ Yes

Palmar Arch Duplex:

Document the flow change in radial branch (Superficial Palmar Arch) as proximal radial artery is compressed:

- | | |
|---|---|
| <input type="checkbox"/> flow ceases (incomplete arch)
<input type="checkbox"/> flow continues or reverses (complete arch)
<input type="checkbox"/> other _____ | <input type="checkbox"/> flow ceases (incomplete arch)
<input type="checkbox"/> flow continues or reverses (complete arch)
<input type="checkbox"/> other _____ |
|---|---|

Modified Allen's Test:

Occlude both arteries while hand is in a tight fist (5 sec.) then relax hand and release one artery counting seconds until color returns to hand/fingers

Right Hand:	time from pallor to perfusion	Left Hand:	time from pallor to perfusion
Ulnar A	<input type="checkbox"/> ≤ 6 sec <input type="checkbox"/> > 6 seconds (abnormal)	Ulnar A	<input type="checkbox"/> ≤ 6 sec <input type="checkbox"/> > 6 seconds (abnormal)
Radial A	<input type="checkbox"/> ≤ 6 sec <input type="checkbox"/> > 6 seconds (abnormal)	Radial A	<input type="checkbox"/> ≤ 6 sec <input type="checkbox"/> > 6 seconds (abnormal)

Comments: (Please note alternate radial artery origin, significant plaque or other findings that might deem the artery not optimal for conduit use.)
