

Patients considered healthy enough to have a standard endovascular procedure and an AV fistula qualify for WavelinQ™ EndoAVF assessment. Proceed through the checklist in order. If the anatomy does not meet a specific endoAVF criteria, stop and return to your protocol for surgical AV fistula assessment.

EndoAVF Criteria Checklist

- Outflow:** cephalic and/or basilic vein ≥ 2.5 mm in diameter
- Perforator:** patent and, ideally, non-tortuous
- EndoAVF Creation Site:** artery and at least one paired vein ≥ 2 mm in diameter (ulnar and/or radial)
- Calcification:** triphasic or biphasic Doppler waveforms
- Procedure Access Sites:** brachial artery and at least one vein (ulnar, radial and/or brachial) ≥ 2 mm in diameter

Upper Arm Cephalic Vein Measurements					
Proximal		Mid		Distal	
Diameter:	Depth:	Diameter:	Depth:	Diameter:	Depth:

Upper Arm Basilic Vein Measurements					
Proximal		Mid		Distal	
Diameter:	Depth:	Diameter:	Depth:	Diameter:	Depth:

Brachial Measurements	
Brachial Artery Diameter	mm
Lateral Brachial Vein Diameter	mm
Medial Brachial Vein Diameter	mm
Brachial Artery Bifurcation	<input type="checkbox"/> Above Elbow <input type="checkbox"/> Below Elbow

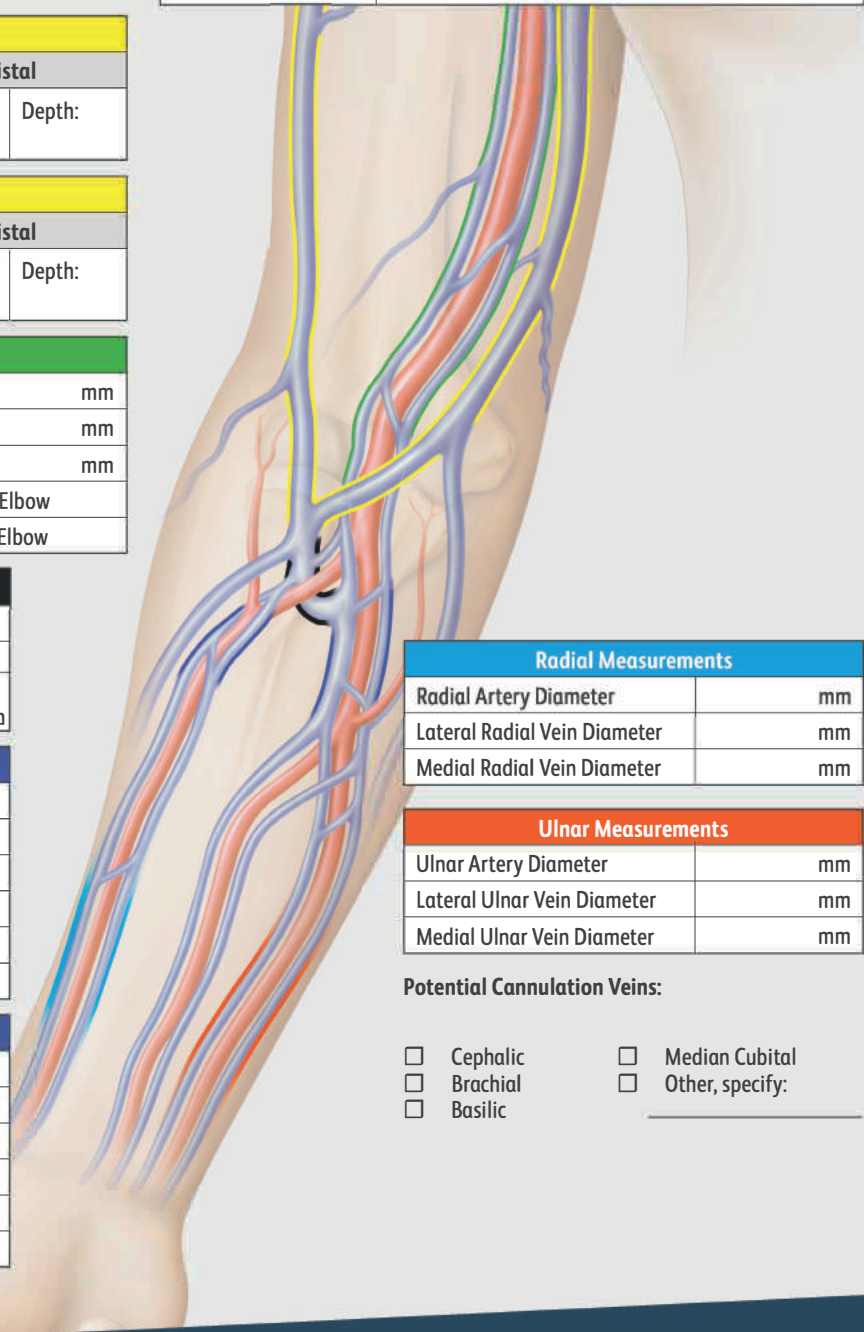
Perforator Measurement	
Patent Perforator	<input type="checkbox"/> Yes <input type="checkbox"/> No
Perforator Vein Diameter	mm
Perforator connecting to (Check all that apply)	<input type="checkbox"/> Lateral Ulnar Vein <input type="checkbox"/> Medial Ulnar Vein <input type="checkbox"/> Lateral Radial Vein <input type="checkbox"/> Medial Radial Vein

Radial EndoAVF Creation Site	
Radial Artery Diameter	mm
Lateral Radial Vein Diameter	mm
Medial Radial Vein Diameter	mm
Doppler Waveform	<input type="checkbox"/> Triphasic <input type="checkbox"/> Biphasic <input type="checkbox"/> Monophasic

Ulnar EndoAVF Creation Site	
Ulnar Artery Diameter	mm
Lateral Ulnar Vein Diameter	mm
Medial Ulnar Vein Diameter	mm
Doppler Waveform	<input type="checkbox"/> Triphasic <input type="checkbox"/> Biphasic <input type="checkbox"/> Monophasic

Right Arm Assessment

Patient ID				
Site/Department				
Ultrasound Date				
Gender	<input type="checkbox"/> Male	<input type="checkbox"/> Female		
Pre-Dialysis	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
Current Access	<input type="checkbox"/> None	<input type="checkbox"/> CVC	<input type="checkbox"/> AVF	<input type="checkbox"/> AVG
	<input type="checkbox"/> Other			



Radial Measurements	
Radial Artery Diameter	mm
Lateral Radial Vein Diameter	mm
Medial Radial Vein Diameter	mm

Ulnar Measurements	
Ulnar Artery Diameter	mm
Lateral Ulnar Vein Diameter	mm
Medial Ulnar Vein Diameter	mm

Potential Cannulation Veins:

- Cephalic
- Brachial
- Basilic
- Median Cubital
- Other, specify: _____

WavelinQ™

EndoAVF System

Left Arm Assessment

Patient ID				
Site/Department				
Ultrasound Date				
Gender	<input type="checkbox"/> Male			<input type="checkbox"/> Female
Pre-Dialysis	<input type="checkbox"/> Yes			<input type="checkbox"/> No
Current Access	<input type="checkbox"/> None	<input type="checkbox"/> CVC	<input type="checkbox"/> AVF	<input type="checkbox"/> AVG
	<input type="checkbox"/> Other			

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Upper Arm Cephalic Vein Measurements					
Proximal		Mid		Distal	
Diameter:	Depth:	Diameter:	Depth:	Diameter:	Depth:

Upper Arm Basilic Vein Measurements					
Proximal		Mid		Distal	
Diameter:	Depth:	Diameter:	Depth:	Diameter:	Depth:

Brachial Measurements	
Brachial Artery Diameter	mm
Lateral Brachial Vein Diameter	mm
Medial Brachial Vein Diameter	mm
Brachial Artery Bifurcation	<input type="checkbox"/> Above Elbow <input type="checkbox"/> Below Elbow

Perforator Measurement	
Patent Perforator	<input type="checkbox"/> Yes <input type="checkbox"/> No
Perforator Vein Diameter	mm
Perforator connecting to (Check all that apply)	<input type="checkbox"/> Lateral Ulnar Vein <input type="checkbox"/> Medial Ulnar Vein <input type="checkbox"/> Lateral Radial Vein <input type="checkbox"/> Medial Radial Vein

Radial EndoAVF Creation Site	
Radial Artery Diameter	mm
Lateral Radial Vein Diameter	mm
Medial Radial Vein Diameter	mm
Doppler Waveform	<input type="checkbox"/> Triphasic <input type="checkbox"/> Biphasic <input type="checkbox"/> Monophasic

Ulnar EndoAVF Creation Site	
Ulnar Artery Diameter	mm
Lateral Ulnar Vein Diameter	mm
Medial Ulnar Vein Diameter	mm
Doppler Waveform	<input type="checkbox"/> Triphasic <input type="checkbox"/> Biphasic <input type="checkbox"/> Monophasic

Radial Measurements	
Radial Artery Diameter	mm
Lateral Radial Vein Diameter	mm
Medial Radial Vein Diameter	mm

Ulnar Measurements	
Ulnar Artery Diameter	mm
Lateral Ulnar Vein Diameter	mm
Medial Ulnar Vein Diameter	mm

Potential Cannulation Veins: (Check all that apply)

- Cephalic
- Brachial
- Basilic
- Median Cubital
- Other, specify: _____

Please consult product labels and instructions for use for all indications, contraindications, hazards, warnings and precautions.

The WavelinQ™ EndoAVF System is intended for the cutting and coagulation of blood vessel tissue in the peripheral vasculature for the creation of an arteriovenous fistula used for hemodialysis.

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