

# List of Considerations Unique For EndoAVF Cannulation



## EndoAVF Basics

- No surgical scar
- Multiple cannulation vein options may exist



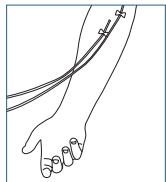
## Identify the Type of Access and Direction of Bloodflow

- Refer to physician recommendations for cannulation sites
- Use tourniquet to facilitate vessel access as required per standard protocol

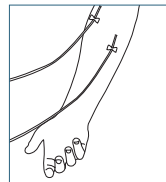


## Needle-Site Selection

- Arterial or venous flow (inflow/outflow) of the access to the dialyzer may be interchanged for bloodflow troubleshooting purposes



Two needles, single vessel



Two needles, separate vessels

- The outflow needle can be more distal than the inflow needle if placed in a different vein than the inflow needle



## Needle Selection

- Follow clinic protocol and/or MD order for needle gauge size and progression
- Length may be altered; shorter needle length may be more beneficial for superficial cannulation zones and certain body habitus



## Cannulation Technique

- Angle of needle insertion is dependent on the depth of the AV; consider a shallow angle for more superficial veins
- Be gentle in order to not sidewall or backwall the needle tip. The endoAVF feels softer than an upper arm surgical AVF when the needle tip enters the vessel. The blood flashback will occur but may be less vigorous than a surgical AVF.



## Overall Tips for Success

- Consider managing conditions like hypotensive and dehydrated patients prior to needling, as these conditions may complicate cannulation



## Questions?

Visit: [www.bd.com/wavelinq](http://www.bd.com/wavelinq)

Call: Medical Services & Support 800-555-7422

Email: [WavelinQCannulation@bd.com](mailto:WavelinQCannulation@bd.com)

Cephalic Vein  
Basilic Vein

Elbow Joint

Median Cubital Vein

EndoAVF Creation Site Options:

Radial Vein - Radial Artery

Ulnar Vein - Ulnar Artery

KEY

Cannulation Zone



# WavelinQ™

## EndoAVF System

The WavelinQ™ EndoAVF System is indicated for the creation of an arteriovenous fistula (AVF) using concomitant ulnar artery and ulnar vein or concomitant radial artery and radial vein in patients with minimum artery and vein diameters of 2.0 mm at the fistula creation site who have chronic kidney disease and need hemodialysis.

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

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