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Objective	Demonstrate feasibility, and evaluate the safety and performance of the SelfWrap device			
Study Design	20 Participants; Single-Center, Prospective, Single-Arm (1, 2, 3, 6, 12, 18, 24, 30, 36, 42, 48, 54, 60 month follow ups) Sanatorio Italiano. España esq. Zanotti — Asunción, Paraguay Adrian Ebner, MD; Santiago Gallo, MD			
Clinical Site				
PI/Coordinator				
Key Collaborators	Jamie Dwyer, MD, Jon Bath, MD, Eric Peden, MD			
Sponsor	VenoStent, Inc.			

## Feasibility Study Key Entry Criteria

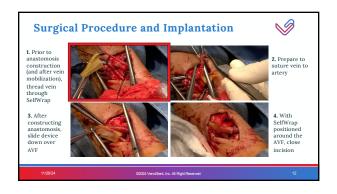
- Inclusion Adults (≥ 18 years) on HD referred for a new AVF, with triphasic arterial flow and intact venous outflow, and a nonpathological modified Allen test for radial AVFs;

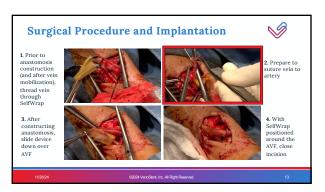
Inclusion

- Target cephalic vein inner diameter ≥ 2.5 mm and target artery ≥ 2.0 mm as measured via duplex ultrasound with a tourniquet applied;
- Catheter being used for HD either contralateral to planned AVF or in the groin. If ipsilateral, catheter will be moved to other arm prior to AVF creation.

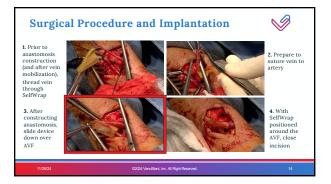
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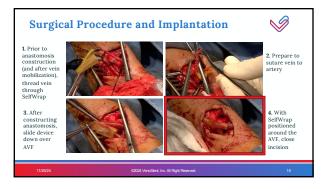
- Exclusion AVF, AVG; AVF, AVG;
- Planned index procedure to revise or repair an existing fistula;
- Significant (> 50%) stenosis at the target vein on the side of surgery, as diagnosed by preoperative ultrasound;
  Known central venous stenosis > 50%;
- Amputated limb; · Use of a peripherally-inserted central catheter (PICC) line;
- Comorbidities such as Abnormal cardiac rhythm; Known coagulation disorder; Known or suspected active infection at the time of surgery; Congestive heart failure NYHA class 4; Prior steal on the side of surgery;



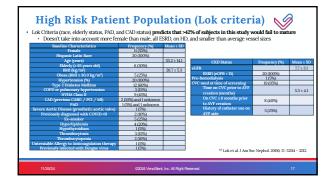


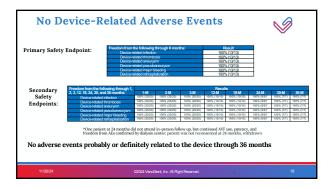
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No Device-Related Adverse Events, Device Deficiencies, nor Adverse Device Effect						
AE	# (Per Patient-Yr)	Cause, as determined by PI				
		Device-related	Procedure-related	Other		
Death (Day 114 - 713)	8 (0.24)	No	No	Sepsis (5), Cardiac (1) Diabetes (1), Neurogenic (1)		
Upper arm stenosis (Day 71)	1 (0.03)	No	No	Anatomy-related		
Successfully-treated stenosis (Day 77)	1 (0.03)	Possible	Possible	N/A		
AVF abandonment (Occlusion) (Day 120, 121, 241, 723)	4 (0.12)	No	Two probably due to PTA <sup>1</sup>	Two due to cannulation injury		
(54) 120, 121, 271, 123)	. ,		· Original stenosis possibly due to device and/or procedure	cannulation injury		

