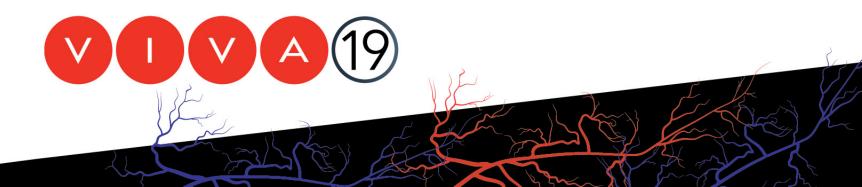
Results of the LimFlow System in the PROMISE I Trial

Dan Clair, MD

Prisma Health-USC Medical Group

Columbia, SC

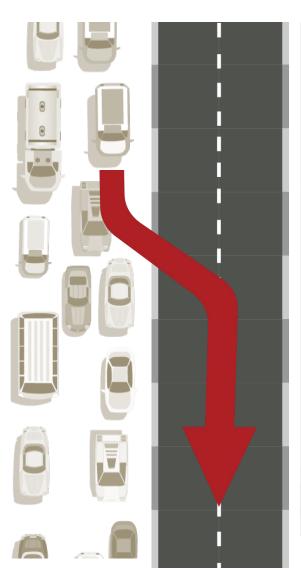


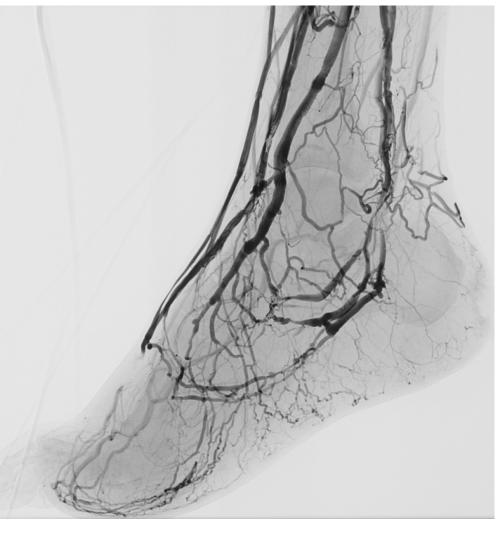
Disclosures

- Consultant: BD-Bard, BSC, Elastimed, LimFlow, Medtronic, Venture Medical.
- Funds paid to medical group.

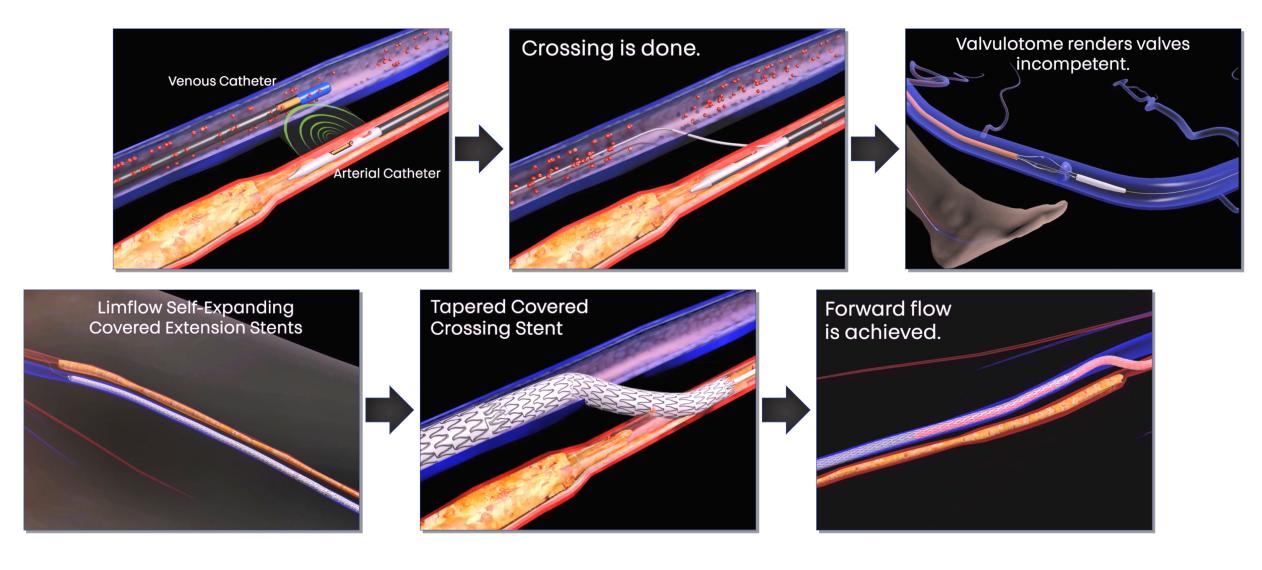
Permanently Bypass Unreconstructible Arteries







LimFlow Procedure Overview



PROMISE I Study Purpose

- PROMISE I is an Early Feasibility Study (EFS)¹, launched mid-2017
- The clinical study was conducted to:
 - Establish clinical safety to move into a pivotal study
 - Identify and address operator challenges
 - Determine patient characteristics and therapeutic parameters that impact performance
- EFS experience allows us to:
 - Optimize operator technique
 - Develop subsequent protocols and refine:
 - Patient screening
 - Wound analysis
 - Patient follow-up

PROMISE I Study Design

Key Endpoints

Primary safety endpoint

Amputation Free Survival (AFS) at 30d

Secondary endpoints

- AFS at 6M
- Procedure & Technical Success
- Wound Healing
- Patency

Key Inclusion/Exclusion Criteria

Inclusion:

- Rutherford 5/6
- No-Option CLTI
- Approval by independent review committee

Exclusion:

- Life expectancy <12 months
- Dialysis
- Severe heart failure

Follow-Up Schedule								
	BL	1M	3M	6M	9M	1Y	2Y	
Wound Assessment	✓	\checkmark	✓	\checkmark	\checkmark	\checkmark	✓	
TcPO2	✓	\checkmark	✓	\checkmark	\checkmark	\checkmark		
Doppler		✓	✓	\checkmark	\checkmark	\checkmark	\checkmark	

Investigators



Jihad Mustapha, MD



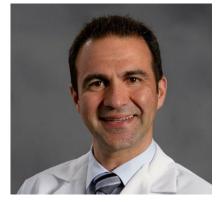
Dan Clair, MD



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Nelson Bernardo, MD

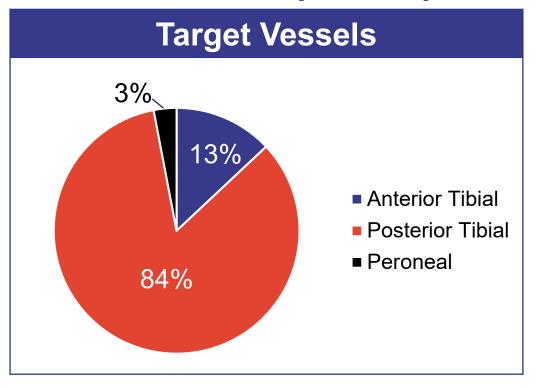


John Lantis, MD

Patient and Procedural Characteristics (N=32)

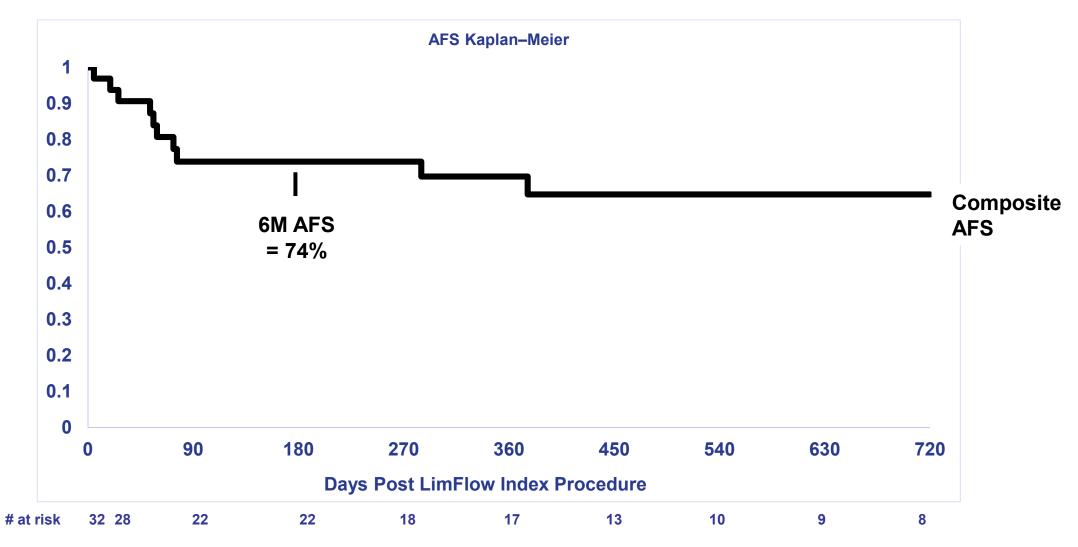
Baseline Characteristics				
Age (Avg, years)	71 (42-94)			
Gender (% Male)	66%			

Comorbidities					
Diabetes	69%				
Type I	13%				
Type II	56%				
Hypertension	88%				
Renal insufficiency	34%				

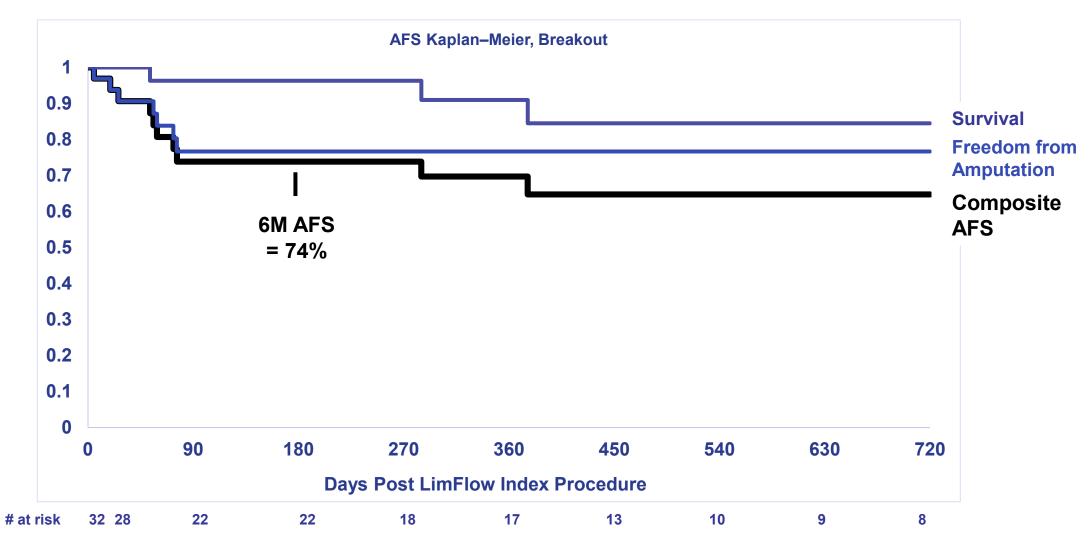


Procedural Characteristics				
Success Rate	97%			

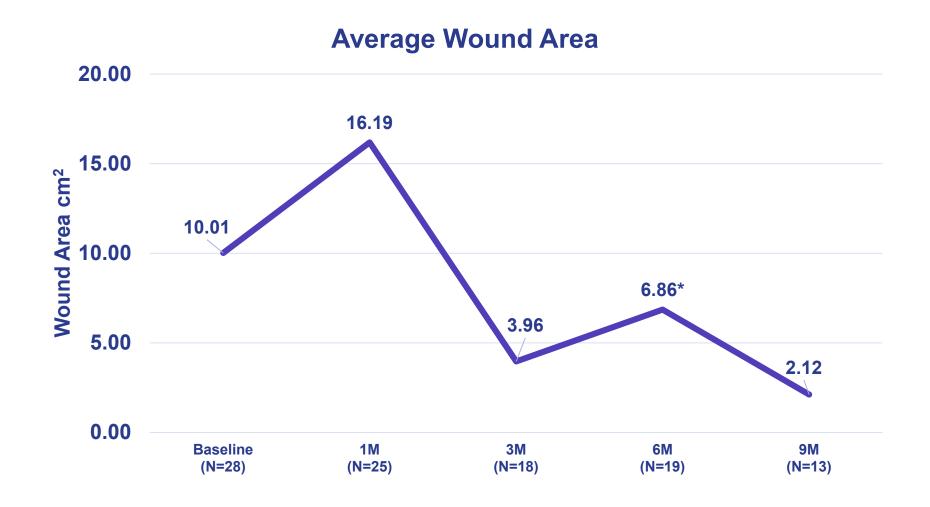
Primary Endpoint: Amputation Free Survival (N=32)



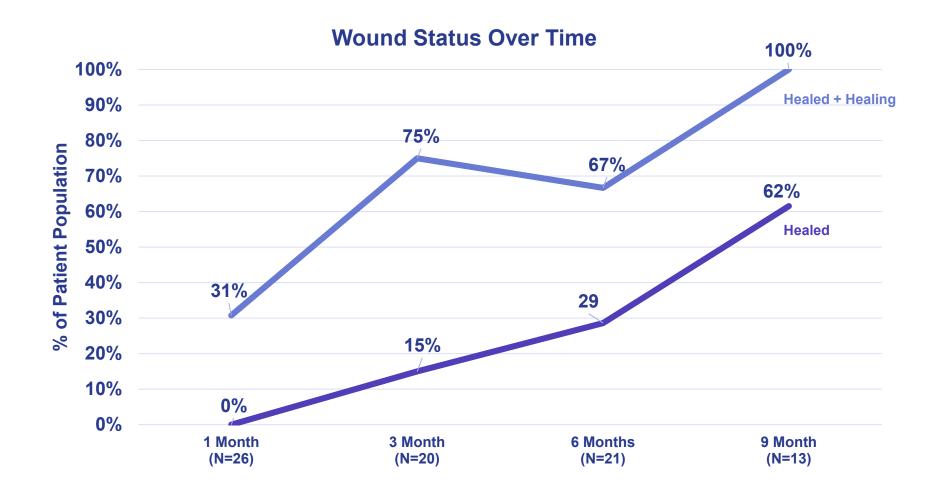
Primary Endpoint: Amputation Free Survival (N=32)



Wound Core Lab Results- Wound Size



Wound Core Lab Results- Healing Status

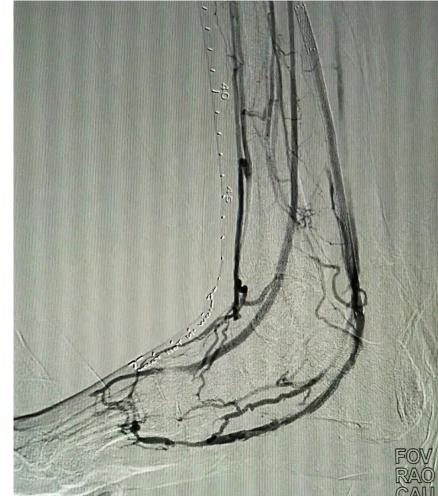


Case Example: Patient Info

- 80 y/o, R5 male
- Type II diabetes
- Hx of smoking and MI
- Hyperlipidemia
- 2 failed prior interventions
- Nonhealing hallux gangrene



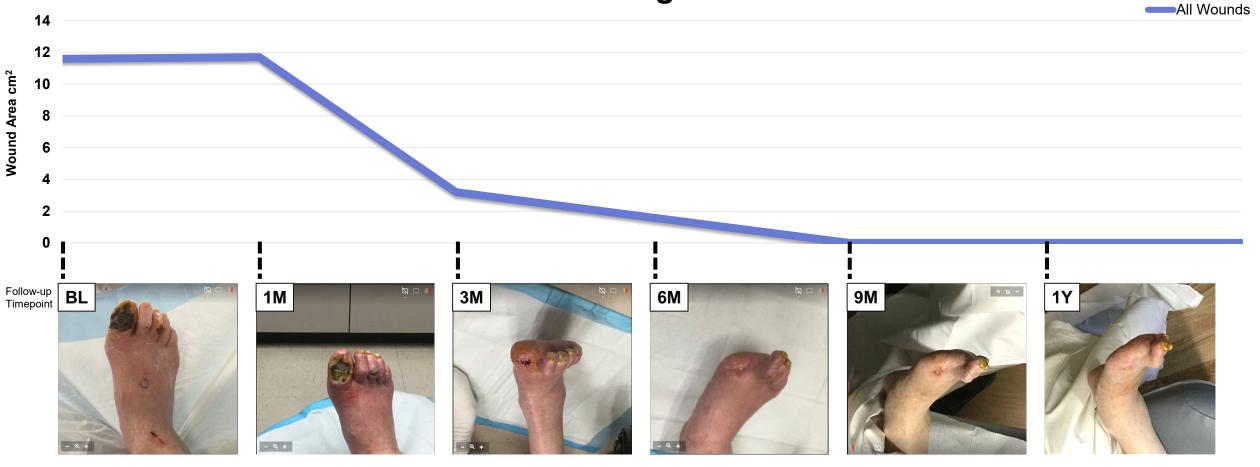




Case Example, Wound Progression

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Lessons Learned

- Patient selection
 - Not appropriate for all limbs, requires salvageable tissue
- Wound care
 - Multidisciplinary collaboration
 - Minor amputation management, debridement, timing
- Fistula maturation
 - Close monitoring
- Interventions

Conclusions

- The LimFlow System is a novel, safe, and reproduceable approach for treating patients with no-option CLI
- It may improve wound healing rates and reduce amputation rates in a population for whom amputation would otherwise be considered inevitable
- Initial findings from this early feasibility trial are very promising
- Approval was recently granted to start US pivotal