VEITH	Disclosures
Randomized Clinical Trial Comparing Cyanoacrylate Glue Closure With Surgical Stripping: 30D And 6M Outcomes	I have the following potential conflicts of interest: <ul> <li>Consulting / Conferences / Honoraria:</li> <li>Medtronic</li> <li>Cook Medical</li> <li>Boston Scientific</li> <li>BD</li> <li>Gore Medical</li> </ul>
Manj Gohel	Research funding:     Medtronic     Gore Medical
Cambridge University Hospitals & Imperial College London	Laboratoires Urgo
UNIVERSITY OF CAMBRIDGE Cambridge University Hospitals International London	



VenaSeal vs Surgical Stripping study					
Convention	al Venous Outcomes	VS v	s SS		
Anatomical	Occlusion rate Length of vein closed	Enrollment Februar N=	complete ' y 2022 106		
	Recanalization				
Clinical	Ulcer recurrence <sup>4</sup> VCSS/CEAP	VS Allocated:	SS Allocated:		
	SF36 / EQ5D	n = 53	n = 53		
Patient Reported	Modified AVVQ NRS for pain	Procedure: n = 48	Procedure: n = 43		
Health Economic	Target limb healthcare utilization Return to work / safety	30-day follow-up:	30-day follow-up:		
Other	Physician satisfaction Safety outcomes	n = 46	n = 43		
		6-month follow-up: n = 41	6-month follow-up: n = 41		

ey Demographics and Baseline Characteristics	VenaSeal system (N=53 participants)	Surgical Stripping (N=53 participants)
Age (years)	60.3 ± 14.39 (50)	61.5 ± 12.96 (49)
emale	58.0% (29/50)	67.3% (33/49)
Body mass index (kg/m <sup>2</sup> )	25.8 ± 5.77 (50)	24.2 ± 3.41 (47)
Symptoms in the target limb	96.0% (48/50)	89.4% (42/47)
Heaviness	75.0% (36/48)	73.8% (31/42)
Pain	70.8% (34/48)	64.3% (27/42)
Aching	39.6% (19/48)	45.2% (19/42)
Swelling	64.6% (31/48)	47.6% (20/42)
Swelling	64.6% (31/48)	47.6% (20/42)

Pre/intra procedural characteristics <sup>1</sup>				
		and the second second		
Characteristic	VenaSeal system (N=53 participants) (N=59 veins)	Surgical Stripping (N=53 participants) (N=57 veins)		
Pre-Procedural Characteristics				
Average diameter of target vein (mm) 2	5.8 ± 2.07 (52)	5.7 ± 1.75 (48)		
Target Vein				
AASV	3.4% (2/59)	1.8% (1/57)		
GSV1	79.7% (47/59)	84.2% (48/57)		
GSV 2	3.4% (2/59)	1.8% (1/57)		
SSV	13.6% (8/59)	12.3% (7/57)		
Intra-Procedural Characteristics 3				
Length of clinically relevant superficial truncal disease in target vein (cm)	54.1 ± 17.99 (49)	53.4 ± 15.93 (44)		
<ul> <li>Venetes the Taranging Deep Hone;</li> <li>Taranging Deep</li></ul>	largat wins treated; if they had multiple larget win and even primary views; in the surgical stepping pr- veins measured serve primary veins.	n, they were designated pirmary and app, 47 of the 43 veins measured were pirmary		

Perf-procedure 00013 0.025 We Perf-procedural, participants are more satisfied when treated with VeruSS Satisfied on the treated with VeruSS Post-procedural participants are more satisfied when treated with VeruSS Satisfied on the tr	RCT	Endpoint	P-value	Alpha	Superiority <sup>a</sup>	Take home message
Not procedure     0.0504     0.05     No     Post procedural participants are similarly satisfied when treated with Ven     Elimination % of		Peri-procedure Satisfaction	0.0013	0.025	Yes	Peri-procedural, participants are more satisfied when treated with VenaSeal
Elimination % of	/S vs SS	Post-procedure Satisfaction	0.0504	0.05	No	Post procedural participants are similarly satisfied when treated with VenaSeal
Truncal Reflux <sup>4</sup> NA NA Venaseal performs similarly in elimination % of truncal reflux	-	Elimination % of Truncal Reflux <sup>a</sup>	NA	NA	NA	VenaSeal performs similarly in elimination % of truncal reflux









CEC adjudicated AEs through 6 months					
Events <sup>3</sup>	VenaSeal system (N=53)	Surgical Stripping (N=53)			
Hypersensitivity <sup>4</sup> to VenaSeal system adhesive	11.3% (6/53)	0			
Phlebitis <sup>5</sup>	1.9% (1/53)	1.9% (1/53)			
Granuloma <sup>6</sup>	0	0			
EGIT (ARTE)7	0	0			
Serious AEs (SAEs)					
Related to study/device.					
Hematoma	0	1.9% (1/53)			
Phlebitis	1.9% (1/53)	0			
Not related to study/device					
Peripheral venous disease <sup>8</sup>	0	1.9% (1/53)			
Total SAEs	1.9% (1/53)	3.8% (2/53)			
COC-disclaration contilium     COC-disclaration contil     COC-disclaration contilium     COC-disclaration contilium					

## Conclusions



- 1 Innovative study design First of its kind, robust research comparing kenaSeal system to established therapies in participants with SVD assessing traditional cutcome measures and a novel patient-reported outcome.
- Participants were more satisfied with VenaSeal treatment venaSeal system participants showed spliftcarth higher per-procedural attitudefor and similar post-procedural attifaction (VenousTSQ) versus SS, and they experiment proceeding to dause servity (Vensus SS) and QS. (MVVQ) if #2 0 0 arp.
- $3 \ \ \ Physicians were more satisfied with VenaSeal treatment 100% of physicians were satisfied with the VeraSeal system while more than 27% of physicians were less than satisfied with surgical stripping.$
- 4 Independently verified safety profile VenaSeal system has a low incidence of adverse events, as aligned with published literature. No new types of adverse events were reported.
- 5 VenaSeal system surpasses SS in early outcomes Results suggest that VenaSeal system is an eceler attemative.