How to accurately evaluate availability and nonavailability of ipsilateral or contralateral great saphenous vein for use for potential bypasses in patients being treated for severe CLTI: How can one determine optimal treatment.



No disclosures	
	Hackensack Meridian





Study Results			
		Total (n=70) No. (%)	
• T + 1 T • 1 + 1 + 1 + 1	Age, years (±SD)	75.5 (9.9)	
I otal 70 patients included	Male Sex	29 (41.4)	
	Race		
	White	48 (68.6)	
	Black	14 (20.0)	
	Asian	0(0)	
	Other	8 (11.4)	
	Medical History		
	Obesity	16 (22.9)	
	Hypertension	69 (98.6)	
	Hyperlipidemia	69 (98.6)	
	Diabetes	41 (58.6)	
	Current Smoker	10(14.3)	
	Coronary Artery Disease	44 (62.9)	
	Myocardial Infarction	16 (22.9)	
	Angina	8 (11.4)	
	Prior Coronary Artery Bypass Graft Procedure	9 (12.9)	
	Prior Percutaneous Coronary Intervention	25 (35.7)	
	Dialysis	1(1.4)	
	Congestive Heart Failure	15 (21.4)	
	Stroke	14 (20.0)	
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N=8 (11.4%) had Make Soc. completely adequate Wate Black Super SGSV Adam	75.5 (9.9) 29 (41.4) 48 (68.6)	75 (9.5) 3 (37.5)	76 (10.3) 26 (41.9)	0.78
N=8 (11.4%) had Maksa completely adequate Walk psilateral SSGSV Black Asta	29 (41.4) 48 (68.6)	3 (37.5)	26 (41.9)	0.01
completely adequate White psilateral SSGSV Asian	48 (68.6)			0.81
psilateral SSGSV	48 (68.6)			
psilateral SSGSV Black Asian		6 (75.0)	42 (67.7)	0.68
psilateral SSGSV Asian	14 (20.0)	1 (12.5)	13 (21.0)	0.57
01	0 (0)	0 (0)	0 (0)	1.0
Other	8 (11.4)	1 (12.5)	7 (11.3)	0.92
Medical History				
Obesity	16 (22.9)	4 (50.0)	12 (19.4)	0.052
Hypertension	69 (98.6)	8 (100.0)	61 (98.4)	0.72
Hyperlipidemia	69 (98.6)	8 (100.0)	61 (98.4)	0.72
Diabetes	41 (58.6)	7 (87.5)	34 (54.8)	0.08
Current Smoker	10(14.3)	9 (14.5)	1 (12.5)	0.88
Coronary Artery Disease	44 (62.9)	7 (87.5)	37 (59.7)	0.13
Myocardial Infarction	16 (22.9)	3 (37.5)	13 (21.0)	0.29
Angina	8 (11.4)	1 (12.5)	7 (11.3)	0.92
Prior Coronary Artery Bypass Graft Procedure	9 (12.9)	0 (0.0)	9 (14.5)	0.25
Prior Percutaneous Coronary Intervention	25 (35.7)	5 (62.5)	20 (32.3)	0.09
Dialysis	1(1.4)	1 (12.5)	0 (0.0)	0.11
Congestive Heart Failure	15 (21.4)	1 (12.5)	14 (22.6)	0.51
Pr1	14/20.05	2 (25 (2)	13/10/0	0.71

	Total (n=70) No. (%)	Adequate Ipsilateral SSGSV (n=8) No. (%)	Inadequate Ipsilateral SSGSV (n=62) No. (%)	P-Value
Chronic Obstructive Pulmonary Disease	10 (14.3)	1 (12.5)	9 (14.5)	0.88
Chronic Kidney Disease	16 (22.9)	4 (50.0)	12 (19.4)	0.07
Medication				
Statin	62 (88.6)	7 (87.5)	55 (88.7)	0.92
Aspirin	43 (61.4)	6 (75.0)	37 (59.7)	0.74
Clopidogrel	43 (61.4)	4 (50.0)	39 (62.9)	0.48
Direct-Acting Oral Anticoagulant	26 (37.1)	2 (25.0)	24 (38.7)	0.45
Beta Blocker	32 (45.7)	5 (62.5)	27 (43.5)	0.31
Opiate	7 (10.0)	2 (25.0)	5 (8.1)	0.13
Previous Intervention				
Infrainguinal Revascularization of Ipsilateral Limb	56 (80.0)	5 (62.5)	51 (82.3)	0.19
Limb Status				
Ankle-Brachial Index in Ipsilateral Limb (±SD)	0.50 (0.13)	0.50 (0.10)	0.50 (0.15)	0.95
Contralateral SSGSV Adequate	7 (10.0)	4 (50.0)	3 (4.8)	<0.001

Summary of Results

Only 11.4% of patients had a completely adequate ipsilateral GSV
If contralateral vein was also included, the rates of SSGSV adequacy increased to 14.3%.
No differences in demographics between patients who had adequate SSGSV and those who did not
Seven patients (10%) were missing ipsilateral GSV due to prior coronary bypass, and one patient (1.4%) had SVT noted in their GSV
Patients who had an inadequate ipsilateral GSV were less likely to have an adequate contralateral SSGSV

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