

### Supplemental Table S1

Percentage of Patients in Ultrasound Substudy with **Obstruction\***  
in each evaluated venous segment at 12 months

<b>Venous Segment</b>	<b>Total (N=123)</b>	<b>PCDT (N=60)</b>	<b>Control (N=63)</b>
CFV Obstructed, <i>n (%)</i>	1 (0.8%)	0 (0.0%)	1 (1.6%)
FV Obstructed, <i>n (%)</i>	8 (6.5%)	3 (5.0%)	5 (7.9%)
Profunda FV Obstructed, <i>n (%)</i>	0 (0.0%)	0 (0.0%)	0 (0.0%)
Popliteal Obstructed, <i>n (%)</i>	2 (1.6%)	1 (1.7%)	1 (1.6%)
GSV Obstructed, <i>n (%)</i>	0 (0.0%)	0 (0.0%)	0 (0.0%)
Iliac Obstructed, <i>n (%)</i>	1 (0.8%)	0 (0.0%)	1 (1.6%)

\* Complete absence of flow on color and spectral Doppler

CFV=Common Femoral Vein, FV=Femoral Vein, GSV=Great Saphenous Vein,

SSV=Small Saphenous Vein

### Supplemental Table S2

Percentage of Patients in Ultrasound Substudy with **Reflux**  
in each evaluated venous segment at 12 months

<b>Venous Segment</b>	<b>Total</b>	<b>PCDT</b>	<b>Control</b>
CFV Reflux, <i>n (%)</i>	46/123 (37%)	23/60 (38.3%)	23/63 (36.5%)
FV Reflux, <i>n (%)</i>	74/122 (61%)	33/60 (55.0%)	41/62 (66.1%)
Profunda FV Reflux, <i>n (%)</i>	21/123 (17%)	7/60 (11.7%)	14/63 (22.2%)
Popliteal Reflux, <i>n (%)</i>	84/123 (68%)	38/60 (63.3%)	46/63 (73.0%)
GSV Reflux, <i>n (%)</i>	29/123 (24%)	16/60 (26.7%)	13/63 (20.6%)
SSV Reflux, <i>n (%)</i>	30/123 (24%)	14/60 (23.3%)	16/63 (25.4%)

### Supplemental Table S3

Association of restoration of venous non-compressibility at 1 month with late outcomes

Clinical Outcome		Status of CFV at 1 Month for Patients with Non-Compressible CFV at Baseline			Status of FV and PV at 1 Month for Patients with Compressible CFV at Baseline		
		Non-compressible	Compressible	p-value	Either non-compressible	Both compressible	p-value
Overall Trial	Any PTS, <i>n (%)</i>	91/147 (62%)	82/179 (46%)	0.004	99/220 (45%)	22/46 (48%)	0.73
	Moderate-Severe PTS, <i>n (%)</i>	43/147 (29%)	37/179 (21%)	0.07	42/220 (19%)	9/46 (20%)	0.94
	Villalta score at 24 months, <i>mean (SD)</i>	5.2 (6.0)	4.3 (4.8)	0.18	3.8 (4.5)	4.3 (4.5)	0.55
	VCSS score at 24 months, <i>mean (SD)</i>	2.7 (3.4)	2.3 (3.0)	0.32	2.1 (2.7)	1.6 (1.7)	0.26
	VEINES-QOL score at 24 months, <i>mean (SD)</i>	73.0 (24)	80.3 (21)	0.01	82.4 (19)	75.7 (25)	0.09

CFV=Common Femoral Vein, FV=Femoral Vein, PV=Popliteal Vein, SD=Standard Deviation, VCSS=Venous Clinical Severity Score, VEINES-QOL=Venous Insufficiency Epidemiological and Economic Study Quality of Life, PTS=post-thrombotic syndrome

