

## Supplementary

**Table S1** Demographic characteristics, reflux distribution, and CEAP Classification in patients with RVVs and IVCS

Variable	Stenting + EVLA (EVLAS, n=19)	EVLA (EVLA, n=20)	P value
Left vs. right, limbs	12:7	12:8	0.85
Mean age, y (range)	56.68±8.28	60.90±8.68	0.13
Women vs. men	8:11	9:11	0.86
Hypertension	2 (10.5)	5 (25.0)	0.25
Heart disease	1 (5.3)	1 (5.0)	0.97
Diabetes	2 (10.5)	1 (5.0)	0.63
Smoking	3 (15.8)	5 (25.0)	0.49
Superficial reflux	19 (100.0)	20 (100.0)	1.0
Deep reflux	17 (89.4)	15 (75.0)	0.25
Perforating reflux	4 (21.1)	5 (25.0)	0.78
CEAP C1-C3	5 (26.3)	11 (55.0)	
CEAP C4-C6	14 (73.7)	9 (45.0)	0.072
Ulcer duration, months	2.44±1.26	2.17±0.68	0.63
Ulcer size, cm <sup>2</sup>	3.50±3.39	2.5±1.05	0.50
Ulcers, No	1.89±0.78	1.67±0.52	0.55

Data are presented as number (%) or mean ± standard deviation. EVLA, endovenous laser ablation; DVT, deep vein thrombosis; PE, pulmonary embolism; CEAP, clinical, etiological, anatomical, pathophysiological.

**Table S2** Complications details

Events, n (%)	Stenting + EVLA (EVLA + S, n=19)	EVLA (EVLA, n=20)	P value
Early complications			
Iliac vein rupture	0 (0)	NA	NA
Femoral vein injury	0 (0)	0 (0)	1.0
Bleeding	1 (5.3)	0 (0)	0.31
Hematoma	0 (0)	0 (0)	1.0
Wound infection	0 (0)	0 (0)	1.0
DVT/PE	0 (0)	0 (0)	1.0
Delayed complications			
Paresthesia	0 (0)	0 (0)	1.0
Phlebitis	3 (15.8)	3 (15.0)	0.95
Stent fracture	0 (0)	NA	NA
Stent migration	0 (0)	NA	NA
Chronic pelvic pain	1 (5.3)	NA	NA

Data are presented as number (%). EVLA, endovenous laser ablation; DVT, deep vein thrombosis; PE, pulmonary embolism; NA, not applicable.