

Supplementary Table 1. Absolute standardized mean difference of before and after propensity score matching

Characteristic	Before propensity score matching				After propensity score matching			
	Overall	Suture	Device	SMD	Overall	Suture	Device	SMD
No.	2,110	1,256	854		1,121	666	455	
Age (years)	60.7 ± 15.3	59.7 ± 15.9	62.1 ± 14.3	0.172	62.5 ± 15.7	63.8 ± 15	60.6 ± 16.4	0.133
Intensive care unit	28.2	42.3	7.5	1.321	20.2	24.5	14.1	0.221
Male sex	50.5	46.3	56.6	0.206	42.1	44.7	38.2	0.038
Clinical indication, surgical	41.8	20.0	73.8	1.223	42.2	35.0	52.7	0.11
Access site								
Jugular	46.4	17.0	89.6	1.726	45.7	19.2	84.4	0.651
Subclavian	53.4	83.0	9.7	1.733	53.8	80.8	14.3	0.664
Femoral	0.3	0.0	0.7	0.107	0.5	0.0	1.3	0.132
Access side, right	7.3	10.2	3.0	0.416	5.8	6.8	4.4	0.064
Use of tissue adhesive, glue	50.3	50.3	50.2	0.002	46.6	47.0	45.9	0.037
No. of prior catheterizations	1.4 ± 1.6	1.6 ± 2.1	1.1 ± 0.4	1.366	1.2 ± 0.5	1.2 ± 0.5	1.2 ± 0.5	0.025
Comorbidities								
None	22.0	27.9	13.3	0.429	18.8	20.3	16.7	0.045
Diabetes mellitus	9.6	12.2	5.7	0.277	9.2	10.4	7.5	0.076
Cancer	36.8	26.5	51.9	0.508	39.2	36.6	42.9	0.009

Immunocompromised	0.0	0.0	0.0	NA	0.0	0.0	0.0	NA
ESRD	2.6	1.9	3.5	0.087	3.7	3.2	4.6	0.054
Multicomorbidities	28.3	30.4	25.3	0.118	28.6	29.1	27.9	0.043

Values are presented as mean $\pm$ SD or percentage, unless otherwise indicated.