

Supplementary Table 1. Demographic characteristics of 10,373 abdominal aortic aneurysm (AAA) cohort (detailed information according to a type of treatment)

Characteristic	No (n = 31,119)	AAA			P-value
		Nonsurgical (n = 7,403)	OSAR (n = 903)	EVAR (n = 2,067)	
Male sex	21,966 (70.6)	4,728 (63.9)	786 (87.0)	1,808 (87.5)	<0.001
Age	64.74 ± 11.8	63.75 ± 122.43	65.24 ± 9.89	68.04 ± 9.41	<0.001
Smoking					<0.001
None	16,979 (54.6)	3,924 (53.0)	259 (28.7)	640 (31.0)	
Ex-smoker	7,922 (25.5)	1,659 (22.4)	264 (29.2)	692 (33.5)	
Current smoker	6,218 (12.0)	1,820 (24.6)	380 (42.1)	735 (35.6)	
Alcohol consumption (g/day)					<0.001
None	18,159 (58.4)	4,716 (63.7)	544 (60.2)	1,293 (62.6)	
Mild (≤30)	10,678 (34.3)	2,166 (29.3)	290 (32.1)	624 (30.2)	
Heavy (>30)	2,282 (7.3)	521 (7.0)	69 (7.6)	150 (7.3)	
Regular exercise ^{a)}	7,177 (23.1)	1,516 (20.5)	213 (23.6)	462 (22.4)	<0.001
Diabetes	5,960 (19.2)	1,464 (19.8)	194 (21.5)	439 (21.2)	0.031
Hypertension	16,006 (51.4)	5,496 (74.2)	758 (83.9)	1,801 (87.1)	<0.001
Dyslipidemia	9,389 (30.2)	3,730 (50.4)	585 (64.8)	1,411 (68.3)	<0.001
Stroke	1,359 (4.4)	1,011 (13.7)	88 (9.8)	307 (14.9)	<0.001
Coronary disease	3,397 (10.9)	3,508 (47.4)	446 (49.4)	1,031 (49.9)	<0.001
Medical aid ^{b)}	5,901 (19.0)	1,360 (18.4)	136 (15.1)	378 (18.3)	0.018
BMI (kg/m ²)	23.91 ± 3.06	24.02 ± 3.26	24.03 ± 3.07	24.21 ± 3.06	<0.001
Waist circumference (cm)	83.21 ± 8.47	83.63 ± 8.88	85.9 ± 8.57	86.08 ± 8.41	<0.001
Blood pressure, systolic (mmHg)	127.41 ± 15.37	128.12 ± 16.75	129.57 ± 16.16	130.43 ± 17.4	<0.001
Blood pressure, diastolic (mmHg)	77.52 ± 9.8	78.21 ± 10.93	79.61 ± 10.42	79.71 ± 11.54	<0.001
Fasting glucose (mg/dL)	104.01 ± 27.66	102.06 ± 25.58	101.48 ± 22.58	102.49 ± 24.12	<0.001
Cholesterol (mg/dL)	192.54 ± 38.56	193.41 ± 45.29	194.38 ± 43.42	191.59 ± 42.52	0.114

Values are presented as number (%) or mean ± standard deviation.

OSAR, open surgical aneurysm repair; EVAR, endovascular aneurysm repair.

^{a)}More than 5 times per week with mild intensity or more than 3 times per week with high intensity (sweating, increased heartbeat);

^{b)}Socioeconomic state in the lowest 20% and whose medical costs were supported by the government.