

**Table S1.** Area of expertise of the participants

Variable	Total (n=28,924)
Atherosclerosis and coronary heart disease	14,783 (51.11)
Hypertension	18,477 (63.88)
Arrhythmia and electrophysiology	8226 (28.44)
Blood lipid metabolism	10,147 (35.08)
Congenital heart disease	4678 (16.17)
Heart failure	9087 (31.42)
Pulmonary vascular disease	2859 (9.88)
Cardiac intensive care and monitoring	2051 (7.09)
Interventional cardiology	2526 (8.73)
Cardiovascular imaging	2742 (9.48)
Senile cardiovascular disease	0
Female cardiovascular disease	2859 (9.88)
Structural heart disease	3774 (13.05)
Basic-clinical combination	2350 (8.12)
Others	2746 (9.49)

Data are expressed as n (%).

**Table S2.** Prevalence of hypertension, rate of antihypertensive drugs taking, and rate of reaching the target blood pressure in male cardiologists with different age

Variable	20-29 (n=2437)	30-39 (n=6777)	40-49 (n=4521)	50-59 (n=1656)	60-69 (n=357)	≥70 (n=1)	P
Hypertension	684 (28.1)	1709 (25.2)	1362 (30.1)	647 (39.1)	171 (47.9)	1 (100)	<0.001
Taking antihypertensive drugs	159 (23.2)	510 (29.8)	506 (37.2)	272 (42)	86 (50.3)	0	<0.001
Reaching the target blood pressure	124 (48.4)	322 (43.6)	336 (41.7)	130 (32.7)	48 (38.1)	-	0.001

Data are expressed as n (%).

**Table S3.** Prevalence of hypertension, rate of antihypertensive drugs taking, and rate of reaching the target blood pressure in female cardiologists with different age

Variable	20-29 (n=2871)	30-39 (n=5561)	40-49 (n=3498)	50-59 (n=1018)	60-69 (n=227)	P
Hypertension	592 (20.6)	971 (17.5)	796 (22.8)	299 (29.4)	87 (38.3)	<0.001
Taking antihypertensive drugs	97 (16.4)	228 (23.5)	300 (37.7)	125 (41.8)	40 (46.0)	<0.001
Reaching the target blood pressure	51 (52.6)	107 (46.9)	132 (44)	45 (36)	15 (37.5)	0.108

Data are expressed as n (%).

**Table S4.** Prevalence of hypertension, rate of antihypertensive drugs taking, and rate of reaching the target blood pressure in male cardiologists with different hospital level

Variable	Primary (n=211)	Secondary (n=5807)	Tertiary (n=9552)	Others (n=179)	P
Hypertension	92 (43.6)	1674 (28.8)	2765 (28.9)	43 (24.0)	<0.001
Taking antihypertensive drugs	28 (30.4)	581 (34.7)	912 (33)	12 (27.9)	0.491
Reaching the target blood pressure	5 (17.9)	229 (39.4)	374 (41)	2 (16.7)	0.031

Data are expressed as n (%).

**Table S5.** Prevalence of hypertension, rate of antihypertensive drugs taking, and rate of reaching the target blood pressure in female cardiologists with different hospital level

Variable	Primary (n=170)	Secondary (n=5016)	Tertiary (n=7823)	Others (n=166)	P
Hypertension	44 (25.9)	1021 (20.4)	1648 (21.1)	32 (19.3)	0.281
Taking antihypertensive drugs	10 (22.7)	323 (31.6)	442 (26.8)	15 (46.9)	0.005
Reaching the target blood pressure	3 (30.0)	161 (49.8)	177 (40)	9 (60.0)	0.022

Data are expressed as n (%).

**Table S6.** Prevalence of hypertension, rate of antihypertensive drugs taking, and rate of reaching the target blood pressure in cardiologists with different professional title

Variable	Total (n=28,924)	General physician (n=4230)	Healer (n=540)	Resident physician (n=966)	Attending physician (n=13,448)	Associate chief physician (n=4674)	Chief physician (n=2279)	Others (n=2787)	P
Hypertension	7319 (25.30)	896 (21.18)	139 (25.74)	263 (27.23)	3032 (22.55)	1413 (30.23)	806 (35.37)	770 (27.63)	<0.001
Taking antihypertensive drugs	2323 (31.74)	179 (19.98)	46 (33.09)	88 (33.46)	934 (30.80)	546 (38.64)	357 (44.29)	173 (22.47)	<0.001
Reaching the target blood pressure	960 (41.33)	70 (39.11)	21 (45.65)	49 (55.68)	404 (43.25)	192 (35.16)	135 (37.82)	89 (51.45)	<0.001

Data are expressed as n (%).

**Table S7.** Prevalence of hypertension, rate of antihypertensive drugs taking, and rate of reaching the target blood pressure in male cardiologists with different professional title

Variable	General physician (n=2049)	Healer (n=260)	Resident physician (n=548)	Attending physician (n=7447)	Associate physician (n=2740)	chief physician (n=1447)	Chief physician (n=1258)	Others (n=1258)	P
Hypertension	507 (24.7)	82 (31.5)	159 (29)	1944 (26.1)	896 (32.7)	579 (40.0)	407 (32.4)		<0.001
Taking antihypertensive drugs	120 (23.7)	33 (40.2)	63 (39.6)	620 (31.9)	335 (37.4)	264 (45.6)	98 (24.1)		<0.001
Reaching the target blood pressure	43 (35.8)	11 (33.3)	32 (50.8)	259 (41.8)	117 (34.9)	96 (36.4)	52 (53.1)		0.008

Data are expressed as n (%).

**Table S8.** Prevalence of hypertension, rate of antihypertensive drugs taking, and rate of reaching the target blood pressure in female cardiologists with different professional title

Variable	General physician (n=2181)	Healer (n=280)	Resident physician (n=418)	Attending physician (n=6001)	Associate chief physician (n=1934)	Chief physician (n=832)	Others (n=1529)	P
Hypertension	389 (17.8)	57 (20.4)	104 (24.9)	1088 (18.1)	517 (26.7)	227 (27.3)	363 (23.7)	<0.001
Taking antihypertensive drugs	59 (15.2)	13 (22.8)	25 (24.0)	314 (28.9)	211 (40.8)	93 (41.0)	75 (20.7)	<0.001
Reaching the target blood pressure	27 (45.8)	10 (76.9)	17 (68.0)	145 (46.2)	75 (35.5)	39 (41.9)	37 (49.3)	0.004

Data are expressed as n (%).



**Table S9.** Univariable and multivariable logistic regressions for hypertension among cardiologists

Variable	Univariable logistic regression		Multivariable logistic regression	
	OR (95%CI)	P	OR (95%CI)	P
Age (years)				
20-29	Reference		Reference	
30-39	0.877 (0.813,0.946)	0.001	0.915 (0.793,1.056)	0.227
40-49	1.163 (1.074,1.26)	<0.001	1.012 (0.861,1.189)	0.885
50-59	1.73 (1.563,1.914)	<0.001	1.397 (1.164,1.678)	<0.001
≥60	2.51 (2.108,2.99)	<0.001	1.949 (1.534,2.476)	<0.001
Gender				
Male	Reference			
Female	0.643 (0.609,0.679)	<0.001	0.866 (0.813,0.924)	<0.001
Academic degree				
Junior college	Reference		Reference	
Bachelor	0.631 (0.476,0.837)	0.001	0.629 (0.461,0.859)	0.004

Master	0.713 (0.538,0.946)	0.019	0.722 (0.528,0.988)	0.042
Doctor	0.86 (0.643,1.149)	0.307	0.774 (0.56,1.069)	0.120
Post-doctor	1.049 (0.742,1.482)	0.787	0.776 (0.53,1.136)	0.191
Others	0.844 (0.628,1.133)	0.258	0.771 (0.553,1.074)	0.124
Hospital level				
Primary	Reference		Reference	
Secondary	0.597 (0.482,0.74)	<0.001	0.582 (0.464,0.728)	<0.001
Tertiary	0.613 (0.496,0.758)	<0.001	0.579 (0.463,0.724)	<0.001
Others	0.5 (0.359,0.696)	<0.001	0.508 (0.359,0.717)	<0.001
Professional title				
General physician	Reference		Reference	
Healer	1.29 (1.049,1.586)	0.016	1.01 (0.791,1.291)	0.934
Resident physician	1.392 (1.187,1.633)	<0.001	1.064 (0.871,1.301)	0.542
Attending physician	1.083 (0.996,1.178)	0.063	0.965 (0.841,1.107)	0.611
Associate chief physician	1.612 (1.464,1.776)	<0.001	1.118 (0.948,1.317)	0.185

Chief physician	2.037 (1.819,2.281)	<0.001	1.131 (0.94,1.361)	0.192
Others	1.42 (1.271,1.587)	<0.001	1.193 (0.99,1.438)	0.063
BMI (kg/m <sup>2</sup> )				
<18.5	0.744 (0.649,0.853)	<0.001	0.919 (0.797,1.061)	0.248
18.5-23.9	Reference		Reference	
≥24	1.627 (1.536,1.723)	<0.001	1.314 (1.233,1.4)	<0.001
Smoking				
Frequent	Reference		Reference	
Infrequent	0.422 (0.394,0.453)	<0.001	0.568 (0.525,0.613)	<0.001
Never	0.342 (0.318,0.369)	<0.001	0.469 (0.431,0.509)	<0.001
Family history				
No	Reference		Reference	
Yes	1.77 (1.667,1.880)	<0.001	1.261 (1.18,1.348)	<0.001
Comorbidity				
No	Reference		Reference	

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Yes	4.003 (3.723,4.304)	<0.001	3.158 (2.924,3.41)	<0.001
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**Table S10.** Univariable and multivariable logistic regressions for antihypertensive drugs taking among cardiologists with hypertension

Variable	Univariable logistic regression		Multivariable logistic regression	
	OR (95%CI)	P	OR (95%CI)	P
Age (years)				
20-29	Reference		Reference	
30-39	1.514 (1.289,1.779)	<0.001	1.433 (1.055,1.945)	0.021
40-49	2.375 (2.019,2.794)	<0.001	1.989 (1.428,2.771)	<0.001
50-59	2.881 (2.387,3.478)	<0.001	2.282 (1.599,3.257)	<0.001
≥60	3.775 (2.854,4.992)	<0.001	2.677 (1.754,4.086)	<0.001
Gender				
Male	Reference		Reference	
Female	0.802 (0.723,0.889)	<0.001	1.2 (1.059,1.359)	0.004
Academic degree				
Junior college	Reference		Reference	
Bachelor	1.565 (0.905,2.708)	0.109	1.025 (0.553,1.901)	0.938

Master	1.506 (0.87,2.607)	0.144	0.915 (0.491,1.705)	0.780
Doctor	1.809 (1.033,3.168)	0.038	0.93 (0.492,1.757)	0.822
Post-doctor	2.46 (1.298,4.659)	0.006	1.092 (0.534,2.235)	0.809
Others	1.057 (0.596,1.876)	0.849	1.428 (0.729,2.8)	0.299
Hospital level				
Primary	Reference			
Secondary	1.302 (0.888,1.909)	0.177		
Tertiary	1.142 (0.781,1.669)	0.495		
Others	1.451 (0.794,2.649)	0.226		
Professional title				
General physician	Reference		Reference	
Healer	1.981 (1.342,2.925)	0.001	1.233 (0.765,1.989)	0.390
Resident physician	2.014 (1.486,2.73)	<0.001	1.084 (0.736,1.596)	0.684
Attending physician	1.783 (1.488,2.137)	<0.001	1.165 (0.878,1.546)	0.290
Associate chief physician	2.523 (2.074,3.068)	<0.001	1.24 (0.898,1.711)	0.192

Chief physician	3.185 (2.569,3.948)	<0.001	1.407 (0.993,1.992)	0.055
Others	1.161 (0.917,1.469)	0.215	0.831 (0.562,1.23)	0.356
<b>BMI (kg/m<sup>2</sup>)</b>				
<18.5	0.628 (0.464,0.852)	0.003	0.78 (0.565,1.078)	0.132
18.5-23.9	Reference		Reference	
≥24	1.409 (1.272,1.561)	<0.001	1.157 (1.031,1.299)	0.013
<b>Smoking</b>				
Frequent	Reference		Reference	
Infrequent	0.446 (0.397,0.502)	<0.001	0.502 (0.44,0.572)	<0.001
Never	0.335 (0.293,0.383)	<0.001	0.374 (0.322,0.434)	<0.001
<b>Family history</b>				
No	Reference		Reference	
Yes	0.485 (0.437,0.539)	<0.001	1.4 (1.247,1.571)	<0.001
<b>Comorbidity</b>				
No	Reference		Reference	

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Yes	3.185 (2.854,3.555)	<0.001	2.646 (2.351,2.977)	<0.001
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**Table S11.** Univariable and multivariable logistic regressions for reaching the target blood pressure among cardiologists taking antihypertensive drugs

Variable	Univariable logistic regression		Multivariable logistic regression	
	OR (95%CI)	P	OR (95%CI)	P
Age (years)				
20-29	Reference		Reference	
30-39	0.824 (0.62,1.096)	0.183	0.689 (0.418,1.138)	0.146
40-49	0.761 (0.574,1.009)	0.058	0.667 (0.391,1.138)	0.137
50-59	0.518 (0.375,0.716)	<0.001	0.465 (0.262,0.825)	0.009
≥60	0.655 (0.424,1.012)	0.057	0.549 (0.286,1.055)	0.072
Gender				
Male	Reference		Reference	
Female	1.204 (1.012,1.432)	0.036	1.081 (0.896,1.304)	0.415
Academic degree				
Junior college	Reference			

Bachelor	0.457 (0.172,1.211)	0.115		
Master	0.483 (0.182,1.282)	0.144		
Doctor	0.484 (0.179,1.306)	0.152		
Post-doctor	0.591 (0.198,1.762)	0.345		
Others	0.791 (0.286,2.192)	0.652		
Hospital level				
Primary	Reference		Reference	
Secondary	2.845 (1.29,6.275)	0.010	2.878 (1.287,6.438)	0.01
Tertiary	2.573 (1.171,5.655)	0.019	2.558 (1.147,5.704)	0.022
Others	2.578 (0.863,7.701)	0.090	2.179 (0.714,6.646)	0.171
Professional title				
General physician	Reference		Reference	
Healer	1.308 (0.681,2.514)	0.420	1.697 (0.8,3.603)	0.168
Resident physician	1.956 (1.167,3.28)	0.011	2.768 (1.467,5.225)	0.002
Attending physician	1.187 (0.856,1.646)	0.304	1.585 (0.982,2.558)	0.059

Associate chief physician	0.845 (0.596,1.196)	0.341	1.271 (0.747,2.16)	0.376
Chief physician	0.947 (0.655,1.369)	0.772	1.623 (0.928,2.837)	0.089
Others	1.65 (1.081,2.519)	0.020	1.599 (1.036,2.469)	0.034
<b>BMI (kg/m<sup>2</sup>)</b>				
<18.5	0.973 (0.566,1.673)	0.922	0.872 (0.5,1.521)	0.629
18.5-23.9	Reference		Reference	
≥24	0.621 (0.524,0.738)	<0.001	0.657 (0.548,0.787)	<0.001
<b>Smoking</b>				
Frequent	Reference			
Infrequent	0.936 (0.777,1.128)	0.489		
Never	1.022 (0.819,1.275)	0.848		
<b>Family history</b>				
No	Reference			
Yes	1.445 (1.219,1.713)	<0.001	0.746 (0.624,0.891)	0.001
<b>Comorbidity</b>				

No	Reference			
Yes	0.811 (0.685,0.96)	0.015	0.811 (0.679,0.97)	0.022

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