Supplementary table A: Baseline characteristics of non-randomized patients versus randomized patients

	Non-randomized (n=308)	Randomized (n=330)
Age (years), mean (SD)	62.1 (10.7)	59.9 (8.4)
Male gender, n (%)	205 (67)	246 (75)
BMI (kg/m²), mean (SD)	27.6 (4.6)	27.8 (4.0)
Total cholesterol (mmol/l), mean (SD)	4.8 (1.1)	4.7 (1.0)
Glucose (mmol/l), mean (SD)	6.2 (1.4)	6.3 (1.5)
SBP (mmHg), mean (SD)	142 (20)	140 (18)
Type 2 diabetes mellitus, n (%)	64 (21)	77 (23)
Current smoking, n (%)	99 (32)	87 (26)
Diagnosis at inclusion, n (%)		
Coronary artery disease	125 (41)	144 (44)
Cerebral vascular disease	80 (26)	95 (29)
AAA	13 (4)	15 (5)
Peripheral vascular disease	78 (25)	76 (23)
Medical history, n (%)		
Coronary artery disease	147 (48)	163 (49)
Cerebral vascular disease	73 (24)	91 (28)
AAA	20 (7)	8 (2)
Peripheral vascular disease	44 (14)	49 (15)

SD indicates standard deviation, BMI: body mass index, SBP: systolic blood pressure, AAA: abdominal aortic aneurysm

Supplementary table B: Website use by patients

Intervention group n=155	No. of patients	n per patient
Logins, median [interquartile range]	152	56 [35 to 83]
Messages sent, median [interquartile range]	134	14 [7 to 22]
Measurements entered, median [interquartile range]	131	7 [3 to 14]
Blood pressure	111	3 [2 to 6]
Lipids	41	1 [1 to 2]
Glucose	35	1 [1 to 3]
Weight	114	3 [1 to 6]
Smoking	27	1 [1 to 4]
Excercise	48	2 [1 to 3]

Number of patients actually using the internet program and use of the internet program by these patients

Supplementary table C: Intervention result stratified by website use patients

| | tertiles of logins | | |
	1	2	3
	(n=51)	*(n=52)*	*(n=52)*
Logins, mean (SD)	21.7 (12.1)	54.0 (8.7)	96.5 (20.9)
Range	0-38	39-68	69-166
Messages sent, mean (SD)	4.0 (4.3)	12.9 (7.6)	26.8 (14.0)
Measurements, mean (SD)	4.3 (5.5)	6.4 (5.3)	21.4 (28.2)
Age (years), mean (SD)	58.6 (8.3)	61.6 (6.9)	62.1 (8.1)
Male gender, n (%)	38 (75)	40 (77)	43 (83)
BMI (kg/m²), mean (SD)	27.5 (4.1)	28.4 (3.6)	28.6 (4.8)
LDL-cholesterol (mmol/l), mean (SD)	2.8 (1.0)	2.7 (0.7)	2.8 (1.0)
SBP (mmHg), mean (SD)	135 (17)	140 (14)	144 (21)
Current smoking, n (%)	34 (67)	39 (75)	40 (77)
FHR, mean (SD)	14.1 (9.1)	16.5 (11.6)	17.6 (10.7)
Change in FHR during intervention, (95%CI)	-1.4 (-3.6 to 0.8)	-3.3 (-5.4 to -1.1)	-3.8 (-6.3 to -1.3)

SD indicates standard deviation, BMI: body mass index, LDL-cholesterol: low-density lipoprotein cholesterol, SBP: systolic blood pressure, FHR: Framingham Heart Risk score