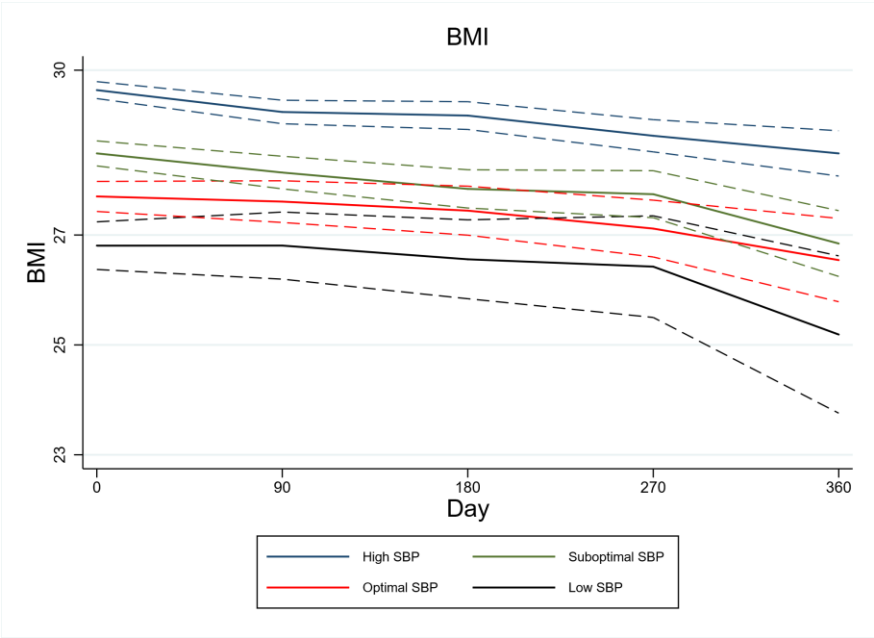
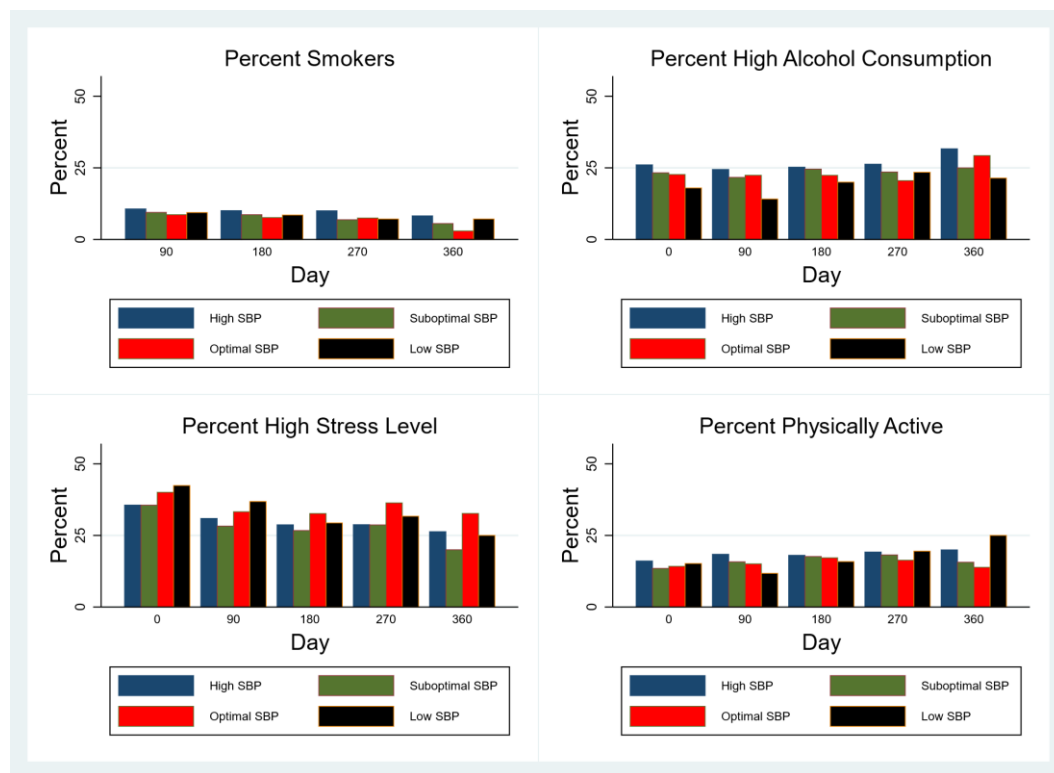


Supplementary Information

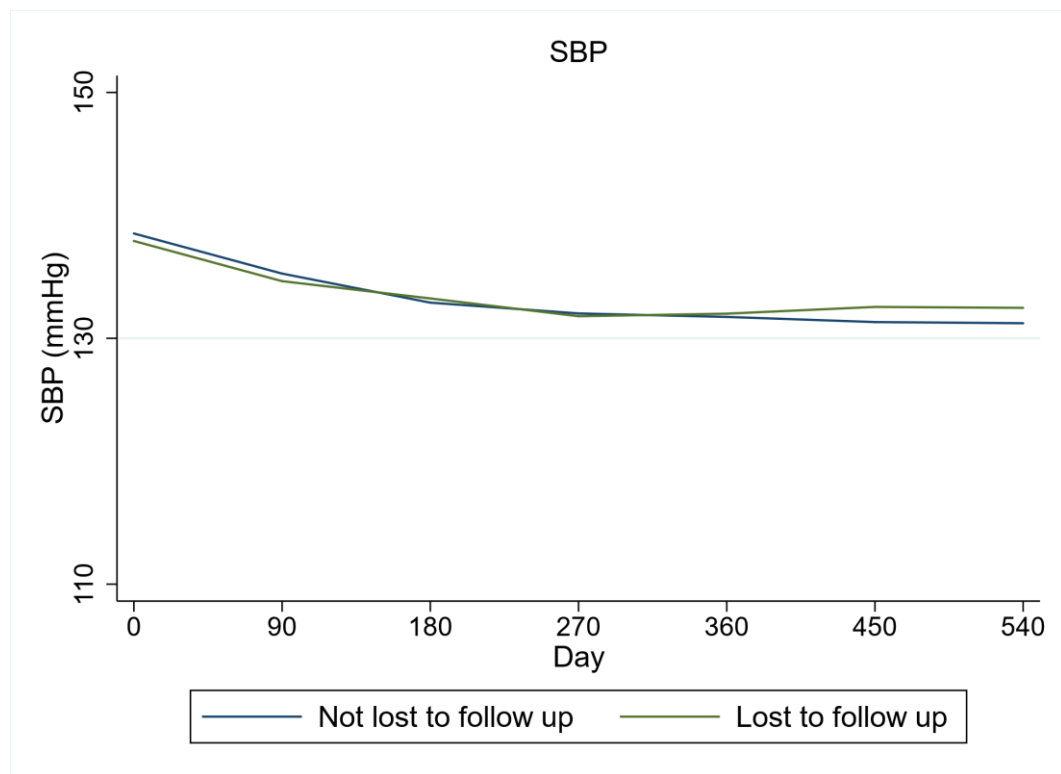
Supplementary Tables and Figures



Supplementary Figure S1. Changes in BMI over time for SBP-based subgroups. The graphs show mean values with confidence intervals. BMI: body mass index; SBP: systolic blood pressure

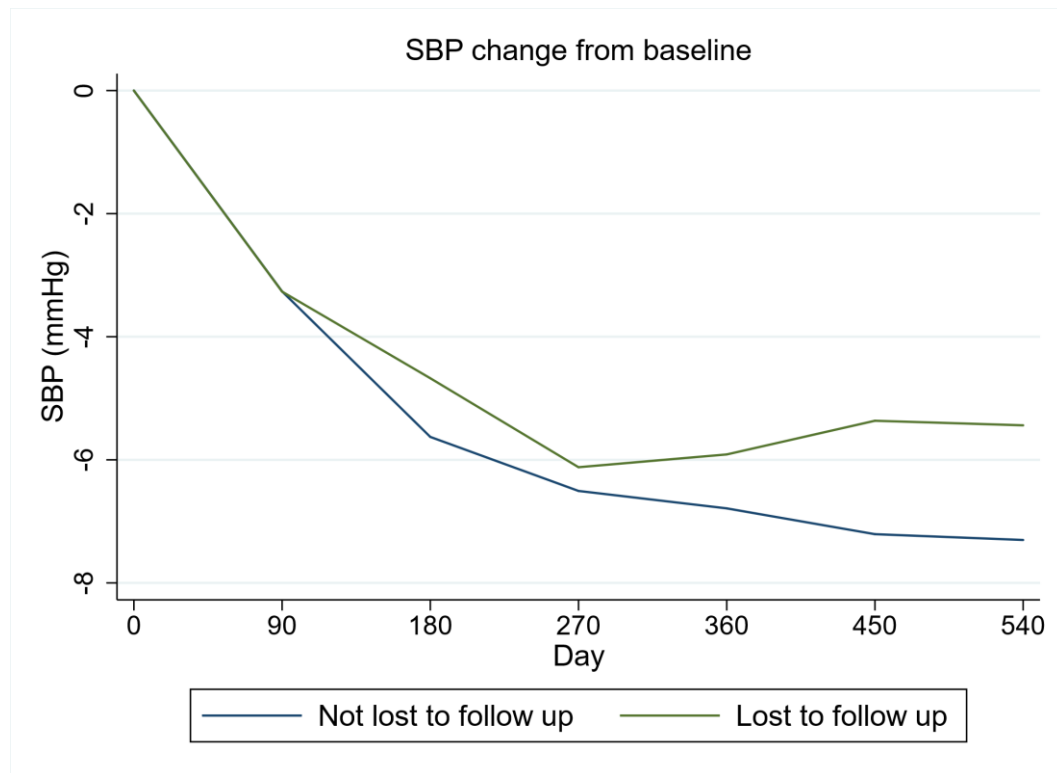


Supplementary Figure S2. Changes in exploratory outcomes over time for SBP-based subgroups. SBP: systolic blood pressure



Number of patients	Day 0	Day 90	Day 180	Day 270	Day 360	Day 450	Day 540
Lost to follow-up	517	517	334	266	213	154	111
Not lost to follow-up	7233	7233	5830	5077	4614	4111	3607

Supplementary Figure S3. SBP over time, by follow-up status. SBP: systolic blood pressure



Number of patients	Day 0	Day 90	Day 180	Day 270	Day 360	Day 450	Day 540
Lost to follow-up	517	517	334	266	213	154	111
Not lost to follow-up	7233	7233	5830	5077	4614	4111	3607

Supplementary Figure S4. Change in SBP over time, by follow-up status. SBP: systolic blood pressure

Supplementary Table S1. Mean values and change from baseline at all timepoints for primary and secondary endpoints.

	Baseline		14 Days (First treatment control)					90 Days					180 Days				
	Absolute		Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	7 750		7 750					7 750					6 164				
SBP	138.49	16.02	135.93	12.51	-2.56	0.114	0.000	135.23	12.01	-3.26	0.118	0.000	132.92	11.42	-5.90	0.175	0.000
DBP	86.80	11.37	85.36	9.19	-1.45	0.081	0.000	84.91	8.89	-1.89	0.083	0.000	83.37	8.68	-3.65	0.122	0.000
PP	51.68	11.51	50.57	8.96	-1.12	0.081	0.000	50.31	8.79	-1.37	0.083	0.000	49.55	8.98	-2.25	0.116	0.000
Prop in SBP Control	0.37	0.01	0.45	0.01	0.08	0.008	0.000	0.47	0.01	0.10	0.006	0.000	0.53	0.01	0.16	0.008	0.000
High SBP (N)	4 502		4 502					4 502					3 645				
SBP	148.91	11.75	142.43	10.75	-6.47	0.143	0.000	141.33	10.39	-7.58	0.146	0.000	137.11	10.76	-11.89	0.208	0.000
DBP	91.88	10.59	88.53	9.08	-3.35	0.106	0.000	87.85	8.79	-4.03	0.108	0.000	85.12	8.76	-6.89	0.153	0.000
PP	57.03	10.49	53.91	8.38	-3.12	0.108	0.000	53.48	8.21	-3.54	0.110	0.000	51.99	8.72	-5.00	0.151	0.000
Prop in SBP Control	0.00	0.00	0.23	0.01	0.23	0.006	0.000	0.26	0.01	0.26	0.007	0.000	0.41	0.01	0.41	0.008	0.000
Suboptimal SBP (N)	1 768		1 768					1 768					1 373				
SBP	129.73	2.92	130.29	7.32	0.56	0.172	0.001	130.05	7.26	0.32	0.171	0.058	129.16	9.00	-0.60	0.246	0.015
DBP	82.27	7.81	82.32	7.28	0.05	0.140	0.725	82.15	7.19	-0.13	0.140	0.372	81.60	7.98	-0.69	0.201	0.001
PP	47.46	7.78	47.96	7.51	0.51	0.137	0.000	47.91	7.55	0.45	0.138	0.001	47.55	8.30	0.08	0.192	0.660

Prop in SBP Control	1.00	0.00	0.73	0.01	-0.27	0.011	0.000	0.73	0.01	-0.27	0.010	0.000	0.69	0.01	-0.31	0.012	0.000
Optimal SBP (N)	1 084		1 084					1 084					838				
SBP	120.41	2.73	124.64	7.42	4.23	0.221	0.000	124.57	7.31	4.16	0.219	0.000	125.29	8.95	4.91	0.311	0.000
DBP	78.55	6.98	80.31	6.88	1.76	0.178	0.000	80.21	6.79	1.66	0.180	0.000	80.47	7.51	1.91	0.254	0.000
PP	41.86	6.91	44.33	6.94	2.47	0.176	0.000	44.36	6.88	2.50	0.175	0.000	44.83	7.68	3.00	0.251	0.000
Prop in SBP Control	1.00	0.00	0.83	0.01	-0.17	0.011	0.000	0.84	0.01	-0.16	0.011	0.000	0.76	0.01	-0.24	0.015	0.000
Low SBP (N)	396		396					396					308				
SBP	108.64	5.84	118.05	8.24	9.41	0.444	0.000	118.08	8.17	9.44	0.440	0.000	120.84	9.35	11.95	0.617	0.000
DBP	71.92	7.53	76.72	7.14	4.80	0.364	0.000	76.78	7.22	4.86	0.354	0.000	78.44	8.02	6.29	0.506	0.000
PP	36.72	7.05	41.33	6.52	4.61	0.305	0.000	41.30	6.51	4.58	0.305	0.000	42.40	6.86	5.67	0.413	0.000
Prop in SBP Control	0.00	0.00	0.64	0.02	0.64	0.024	0.000	0.66	0.02	0.66	0.024	0.000	0.66	0.03	0.66	0.027	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S1 continued

	270 Days					360 Days					450 Days					540 Days				
	Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	5 343					4 827					4 265					3 718				
SBP	132.01	10.89	-6.82	0.196	0.000	131.75	10.56	-7.04	0.208	0.000	131.37	10.46	-7.47	0.226	0.000	131.26	10.24	-7.36	0.246	0.000
DBP	82.94	8.40	-4.11	0.135	0.000	82.70	8.18	-4.37	0.144	0.000	82.37	8.17	-4.75	0.155	0.000	82.26	8.01	-4.72	0.170	0.000
PP	49.07	8.71	-2.71	0.125	0.000	49.05	8.69	-2.67	0.133	0.000	48.99	8.88	-2.72	0.145	0.000	49.00	8.96	-2.64	0.156	0.000
Prop in SBP Control	0.57	0.01	0.20	0.007	0.000	0.58	0.01	0.21	0.009	0.000	0.60	0.01	0.23	0.009	0.000	0.60	0.01	0.23	0.010	0.000
High SBP (N)	3 161					2 850					2 524					2 183				
SBP	135.61	10.33	-13.31	0.231	0.000	135.10	10.13	-13.75	0.244	0.000	134.37	10.19	-14.49	0.261	0.000	134.09	10.05	-14.63	0.282	0.000
DBP	84.32	8.39	-7.61	0.167	0.000	83.93	8.16	-8.00	0.179	0.000	83.37	8.28	-8.57	0.190	0.000	83.14	8.07	-8.76	0.208	0.000
PP	51.30	8.42	-5.70	0.160	0.000	51.17	8.54	-5.76	0.170	0.000	51.00	8.78	-5.93	0.184	0.000	50.95	8.97	-5.87	0.200	0.000
Prop in SBP Control	0.46	0.01	0.46	0.009	0.000	0.48	0.01	0.48	0.009	0.000	0.51	0.01	0.51	0.010	0.000	0.51	0.01	0.51	0.011	0.000
Suboptimal SBP (N)	1 202					1 083					959					849				
SBP	128.72	9.01	-0.99	0.267	0.000	128.54	8.91	-1.17	0.276	0.000	128.81	9.04	-0.90	0.299	0.003	128.88	8.99	-0.86	0.320	0.007
DBP	81.48	8.10	-0.96	0.225	0.000	81.31	7.89	-1.19	0.236	0.000	81.26	7.77	-1.27	0.238	0.000	81.33	7.75	-1.03	0.260	0.000

PP	47.24	8.35	-0.03	0.210	0.884	47.23	8.15	0.02	0.219	0.933	47.55	8.31	0.37	0.235	0.115	47.55	8.37	0.17	0.254	0.510
Prop in SBP Control	0.71	0.01	-0.29	0.013	0.000	0.70	0.01	-0.30	0.014	0.000	0.71	0.01	-0.29	0.015	0.000	0.70	0.02	-0.30	0.016	0.000
Optimal SBP	728					674					588					510				
SBP	125.31	9.12	4.92	0.338	0.000	125.73	9.02	5.25	0.348	0.000	125.43	9.03	4.93	0.370	0.000	125.71	8.68	5.14	0.382	0.000
DBP	80.71	7.59	2.09	0.281	0.000	80.80	7.82	2.28	0.298	0.000	80.73	7.81	1.97	0.313	0.000	80.77	7.52	2.15	0.342	0.000
PP	44.60	7.52	2.83	0.262	0.000	44.92	7.57	2.97	0.270	0.000	44.70	8.06	2.97	0.313	0.000	44.93	7.91	2.99	0.319	0.000
Prop in SBP Control	0.76	0.02	-0.24	0.016	0.000	0.76	0.02	-0.24	0.016	0.000	0.75	0.02	-0.25	0.018	0.000	0.75	0.02	-0.25	0.019	0.000
Low SBP (N)	252					220					194					176				
SBP	122	10.22	12.88	0.696	0.000	122.63	9.35	13.36	0.711	0.000	122.88	8.63	13.93	0.773	0.000	123.86	9.21	15.26	0.842	0.000
DBP	79.03	8.42	6.88	0.523	0.000	79.49	7.81	6.65	0.574	0.000	79.93	7.79	7.43	0.662	0.000	80.15	8.45	7.73	0.733	0.000
PP	42.87	7.15	6.00	0.482	0.000	43.14	6.98	6.71	0.508	0.000	42.94	6.10	6.51	0.559	0.000	43.71	7.00	7.52	0.518	0.000
Prop in SBP Control	0.75	0.03	0.75	0.027	0.000	0.74	0.03	0.74	0.030	0.000	0.74	0.03	0.74	0.031	0.000	0.72	0.03	0.72	0.034	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S2. Mean values and change from baseline at all timepoints for exploratory endpoints.

	Baseline			90 Days						180 Days						270 Days						360 Days					
	Absolute			Absolute			Change from baseline			Absolute			Change from baseline			Absolute			Change from baseline			Absolute			Change from baseline		
	N	Mean	SD	N	Mean	SD	Diff	SD	P	N	Mean	SD	Diff	SD	P	N	Mean	SD	Diff	SD	P	N	Mean	SD	Diff	SD	P
All Patients																											
BMI	7 571	28.96	5.08	3 809	28.64	4.91	-0.31	1.26	0.00	2 714	28.50	4.90	-0.44	1.43	0.00	1 795	28.22	4.70	-0.48	1.48	0.00	737	27.70	4.32	-0.46	1.38	0.00
Physically active	7 276	0.15	0.00	3 769	0.17	0.01	0.02	0.01	0.01	2 728	0.18	0.01	0.03	0.01	0.00	1 808	0.19	0.01	0.03	0.01	0.00	744	0.18	0.01	0.03	0.01	0.03
High alcohol consumption	7 222	0.25	0.01	3 737	0.23	0.01	-0.02	0.01	0.08	2 713	0.24	0.01	0.00	0.01	0.91	1 801	0.25	0.01	0.00	0.01	0.89	743	0.29	0.02	0.05	0.02	0.00
High stress level	7 315	0.37	0.01	3 781	0.31	0.01	-0.06	0.01	0.00	2 733	0.29	0.01	-0.08	0.01	0.00	1 811	0.30	0.01	-0.07	0.01	0.00	746	0.26	0.02	-0.11	0.02	0.00
Smoker	7 722	0.12	0.00	3 897	0.10	0.00	-0.02	0.01	0.00	2 768	0.09	0.01	-0.03	0.01	0.00	1 826	0.09	0.01	-0.03	0.01	0.00	746	0.07	0.01	-0.05	0.01	0.00
High SBP																											
BMI	4 401	29.64	5.22	2 200	29.24	5.12	-0.30	1.30	0.00	1 570	29.17	5.11	-0.48	1.49	0.00	1 055	28.81	4.86	-0.52	1.52	0.00	432	28.49	4.37	-0.47	1.45	0.00
Physically active	4 242	0.16	0.01	2 182	0.18	0.01	0.02	0.01	0.02	1 578	0.18	0.01	0.02	0.01	0.07	1 062	0.19	0.01	0.03	0.01	0.01	436	0.20	0.02	0.04	0.02	0.04
High alcohol consumption	4 211	0.26	0.01	2 164	0.24	0.01	-0.02	0.01	0.16	1 569	0.25	0.01	-0.01	0.01	0.53	1 058	0.26	0.01	0.00	0.02	0.88	436	0.32	0.02	0.06	0.02	0.01
High stress level	4 262	0.36	0.01	2 189	0.31	0.01	-0.05	0.01	0.00	1 581	0.29	0.01	-0.07	0.01	0.00	1 064	0.29	0.01	-0.07	0.02	0.00	437	0.26	0.02	-0.09	0.02	0.00
Smoker	4 490	0.13	0.00	2 252	0.11	0.01	-0.02	0.01	0.02	1 600	0.10	0.01	-0.02	0.01	0.01	1 069	0.10	0.01	-0.03	0.01	0.02	437	0.08	0.01	-0.04	0.01	0.01
Suboptimal SBP																											
BMI	2	28.49	4.82	903	28.14	4.55	-0.34	1.23	0.00	632	27.84	4.47	-0.40	1.29	0.00	397	27.74	4.35	-0.49	1.46	0.00	178	26.84	4.07	-0.46	1.08	0.00
Physically active	1 652	0.13	0.01	893	0.16	0.01	0.02	0.01	0.12	640	0.18	0.02	0.04	0.02	0.01	401	0.18	0.02	0.05	0.02	0.02	179	0.16	0.03	0.02	0.03	0.43

High alcohol consumption	1 641	0.23	0.01	881	0.22	0.01	-0.02	0.02	0.36	635	0.25	0.02	0.01	0.02	0.52	399	0.24	0.02	0.00	0.02	0.91	180	0.25	0.03	0.02	0.03	0.60
High stress level	1 664	0.36	0.01	895	0.28	0.02	-0.07	0.02	0.00	640	0.27	0.02	-0.09	0.02	0.00	401	0.29	0.02	-0.07	0.03	0.01	180	0.20	0.03	-0.16	0.03	0.00
Smoker	1 761	0.11	0.01	921	0.09	0.01	-0.01	0.01	0.30	647	0.09	0.01	-0.02	0.01	0.14	406	0.07	0.01	-0.04	0.01	0.02	180	0.06	0.02	-0.05	0.02	0.03
Optimal SBP																											
BMI	1 060	27.70	4.54	531	27.61	4.46	-0.28	1.11	0.00	384	27.44	4.46	-0.37	1.52	0.00	260	27.12	4.25	-0.41	1.46	0.00	99	26.54	3.85	-0.40	1.27	0.00
Physically active	1 020	0.14	0.01	524	0.15	0.02	0.01	0.02	0.65	384	0.17	0.02	0.03	0.02	0.16	263	0.16	0.02	0.02	0.03	0.38	101	0.14	0.03	0.00	0.03	0.92
High alcohol consumption	1 014	0.23	0.01	522	0.22	0.02	0.00	0.02	0.91	384	0.22	0.02	0.00	0.02	0.91	263	0.21	0.02	-0.02	0.03	0.46	99	0.29	0.05	0.07	0.05	0.14
High stress level	1 026	0.40	0.02	526	0.33	0.02	-0.07	0.03	0.01	386	0.33	0.02	-0.07	0.02	0.01	264	0.36	0.03	-0.04	0.03	0.27	101	0.33	0.05	-0.07	0.05	0.15
Smoker	1 078	0.12	0.01	543	0.09	0.01	-0.03	0.02	0.06	392	0.08	0.01	-0.04	0.02	0.02	267	0.07	0.02	-0.04	0.02	0.04	101	0.03	0.02	-0.09	0.02	0.01
Low SBP																											
BMI	383	26.81	4.33	175	26.81	4.12	-0.38	1.41	0.00	128	26.56	4.14	-0.33	1.18	0.00	83	26.42	4.30	-0.26	1.12	0.04	28	25.19	3.86	-0.48	2.16	0.25
Physically active	362	0.15	0.02	170	0.12	0.02	-0.03	0.03	0.29	126	0.16	0.03	0.01	0.03	0.86	82	0.20	0.04	0.04	0.05	0.34	28	0.25	0.08	0.10	0.08	0.17
High alcohol consumption	356	0.18	0.02	170	0.14	0.03	-0.04	0.03	0.27	125	0.20	0.04	0.02	0.04	0.62	81	0.23	0.05	0.05	0.05	0.26	28	0.21	0.08	0.03	0.08	0.65
High stress level	363	0.42	0.03	171	0.37	0.04	-0.06	0.05	0.22	126	0.29	0.04	-0.13	0.04	0.01	82	0.32	0.05	-0.11	0.06	0.07	28	0.25	0.08	-0.17	0.08	0.07
Smoker	393	0.12	0.02	181	0.09	0.02	-0.03	0.03	0.32	129	0.09	0.02	-0.04	0.03	0.25	84	0.07	0.03	-0.05	0.03	0.18	28	0.07	0.05	-0.05	0.05	0.42

SD: standard deviation; Diff: difference from baseline; SBP: systolic blood pressure; BMI: body mass index

Supplementary Table S3. Patients <65 years Mean values and change from baseline at all timepoints for primary and secondary endpoints.

	Baseline		14 Days (First treatment control)					90 Days					180 Days				
	Absolute		Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	5 766		5 766					5 766					4 512				
SBP	138.43	16.08	136.10	12.79	-2.32	0.129	0.000	135.48	12.31	-2.95	0.133	0.000	133.36	11.68	-5.47	0.200	0.000
DBP	88.15	11.33	86.81	9.02	-1.34	0.094	0.000	86.38	8.70	-1.77	0.096	0.000	84.89	8.40	-3.62	0.145	0.000
PP	50.28	10.96	49.29	8.42	-0.99	0.091	0.000	49.10	8.30	-1.18	0.093	0.000	48.47	8.66	-1.85	0.132	0.000
Prop in SBP Control	0.37	0.01	0.44	0.01	0.07	0.009	0.000	0.46	0.01	0.09	0.007	0.000	0.51	0.01	0.14	0.010	0.000
High SBP (N)	3 326		3 326					3 326					2 656				
SBP	149.00	11.78	142.91	10.93	-6.09	0.163	0.000	141.93	10.57	-7.07	0.166	0.000	137.83	10.89	-11.24	0.242	0.000
DBP	93.49	10.40	90.29	8.74	-3.21	0.125	0.000	89.62	8.43	-3.87	0.127	0.000	86.80	8.44	-6.88	0.184	0.000
PP	46.10	7.22	46.61	6.78	0.52	0.154	0.001	46.56	6.84	0.46	0.153	0.003	46.20	7.73	0.20	0.222	0.359
Prop in SBP Control	0.00	0.00	0.22	0.01	0.22	0.007	0.000	0.24	0.01	0.24	0.007	0.000	0.38	0.01	0.38	0.009	0.000
Suboptimal SBP (N)	1 324		1 324					1 324					1 016				
SBP	129.70	2.90	130.33	7.32	0.63	0.196	0.001	130.12	7.24	0.42	0.194	0.031	129.34	9.13	-0.39	0.285	0.166
DBP	83.60	7.32	83.71	6.75	0.11	0.161	0.492	83.56	6.64	-0.04	0.160	0.792	83.14	7.43	-0.60	0.240	0.013
PP	40.92	6.52	43.38	6.30	2.46	0.203	0.000	43.42	6.31	2.49	0.202	0.000	43.87	7.21	3.13	0.295	0.000

Prop in SBP Control	1.00	0.00	0.72	0.01	-0.28	0.012	0.000	0.73	0.01	-0.27	0.012	0.000	0.68	0.01	-0.32	0.015	0.000
Optimal SBP (N)	813		813					813					616				
SBP	120.44	2.69	124.59	7.40	4.15	0.251	0.000	124.51	7.31	4.07	0.249	0.000	125.42	8.96	5.01	0.362	0.000
DBP	79.51	6.60	81.21	6.54	1.69	0.200	0.000	81.09	6.45	1.58	0.202	0.000	81.55	7.21	1.89	0.290	0.000
PP	36.29	6.80	40.23	5.74	3.94	0.325	0.000	40.29	5.58	4.00	0.315	0.000	41.04	6.20	4.91	0.429	0.000
Prop in SBP Control	1.00	0.00	0.84	0.01	-0.16	0.013	0.000	0.84	0.01	-0.16	0.013	0.000	0.76	0.02	-0.24	0.017	0.000
Low SBP (N)	303		303					303					224				
SBP	108.79	5.66	117.48	7.96	8.70	0.501	0.000	117.57	7.69	8.79	0.486	0.000	120.28	9.44	11.19	0.714	0.000
DBP	72.50	7.48	77.25	6.77	4.75	0.434	0.000	77.28	7.04	4.79	0.419	0.000	79.24	8.00	6.28	0.633	0.000
PP	55.50	9.97	52.62	7.87	-2.88	0.123	0.000	52.30	7.78	-3.20	0.125	0.000	51.03	8.44	-4.36	0.175	0.000
Prop in SBP Control	0.00	0.00	0.64	0.03	0.64	0.028	0.000	0.65	0.03	0.65	0.027	0.000	0.62	0.03	0.62	0.032	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S3 continued

	270 Days					360 Days					450 Days					540 Days				
	Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	3 880					3 505					3 082					2 672				
SBP	132.39	11.08	-6.44	0.225	0.000	132.07	10.76	-6.71	0.241	0.000	131.73	10.62	-7.25	0.266	0.000	131.45	10.38	-7.21	0.291	0.000
DBP	84.38	8.05	-4.12	0.161	0.000	84.17	7.80	-4.38	0.173	0.000	83.85	7.87	-4.89	0.188	0.000	83.68	7.73	-4.91	0.208	0.000
PP	48.00	8.32	-2.32	0.143	0.000	47.90	8.33	-2.33	0.152	0.000	47.89	8.53	-2.35	0.168	0.000	47.77	8.45	-2.30	0.180	0.000
Prop in SBP Control	0.55	0.01	0.18	0.008	0.000	0.56	0.01	0.19	0.011	0.000	0.59	0.01	0.22	0.011	0.000	0.59	0.01	0.22	0.011	0.000
High SBP (N)	2 282					2 054					1 815					1 549				
SBP	136.29	10.41	-12.72	0.268	0.000	135.65	10.24	-13.35	0.286	0.000	134.87	10.28	-14.31	0.309	0.000	134.43	10.27	-14.56	0.342	0.000
DBP	85.93	8.02	-7.65	0.202	0.000	85.53	7.69	-8.12	0.216	0.000	84.92	7.97	-8.90	0.232	0.000	84.63	7.87	-9.24	0.257	0.000
PP	45.85	7.49	0.09	0.231	0.692	45.92	7.56	0.20	0.243	0.411	46.35	7.96	0.64	0.269	0.018	46.33	7.68	0.36	0.284	0.202
Prop in SBP Control	0.43	0.01	0.43	0.010	0.000	0.46	0.01	0.46	0.011	0.000	0.50	0.01	0.50	0.012	0.000	0.50	0.01	0.50	0.013	0.000
Suboptimal SBP (N)	883					800					707					631				
SBP	128.70	8.88	-0.93	0.303	0.002	128.77	8.97	-0.86	0.320	0.007	128.99	9.16	-0.62	0.347	0.074	128.97	8.96	-0.70	0.367	0.056
DBP	82.85	7.42	-1.03	0.259	0.000	82.85	7.38	-1.06	0.281	0.000	82.64	7.33	-1.26	0.284	0.000	82.63	7.21	-1.07	0.308	0.001

PP	43.65	7.15	2.96	0.311	0.000	43.73	7.21	2.94	0.320	0.000	43.58	7.57	3.12	0.368	0.000	43.62	7.04	2.92	0.371	0.000
Prop in SBP Control	0.71	0.02	-0.29	0.015	0.000	0.69	0.02	-0.31	0.016	0.000	0.70	0.02	-0.30	0.017	0.000	0.70	0.02	-0.30	0.018	0.000
Optimal SBP	539					491					423					370				
SBP	125.48	9.49	5.09	0.405	0.000	125.72	9.18	5.24	0.411	0.000	125.79	9.41	5.33	0.449	0.000	125.69	8.48	5.15	0.435	0.000
DBP	81.83	7.43	2.13	0.331	0.000	81.99	7.63	2.30	0.342	0.000	82.20	7.63	2.22	0.374	0.000	82.07	7.24	2.22	0.397	0.000
PP	41.53	6.65	5.16	0.551	0.000	42.00	6.96	5.91	0.585	0.000	41.65	6.02	5.77	0.655	0.000	42.03	6.23	6.52	0.588	0.000
Prop in SBP Control	0.75	0.02	-0.25	0.019	0.000	0.76	0.02	-0.24	0.019	0.000	0.74	0.02	-0.26	0.021	0.000	0.76	0.02	-0.24	0.022	0.000
Low SBP (N)	176					160					137					122				
SBP	121.42	9.93	12.13	0.780	0.000	122.12	9.53	12.46	0.805	0.000	131.73	10.62	-7.25	0.266	0.000	131.45	10.38	-7.21	0.291	0.000
DBP	79.89	8.16	6.97	0.628	0.000	80.12	7.83	6.56	0.705	0.000	80.97	7.64	7.51	0.836	0.000	81.94	8.19	8.46	0.942	0.000
PP	50.37	8.10	-5.07	0.187	0.000	50.13	8.17	-5.22	0.199	0.000	49.96	8.39	-5.41	0.217	0.000	49.80	8.53	-5.32	0.239	0.000
Prop in SBP Control	0.73	0.03	0.73	0.034	0.000	0.73	0.04	0.73	0.035	0.000	0.72	0.04	0.72	0.039	0.000	0.70	0.04	0.70	0.041	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S4. Patients >65 years Mean values and change from baseline at all timepoints for primary and secondary endpoints.

	Baseline		14 Days (First treatment control)					90 Days					180 Days				
	Absolute		Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	1 984		1 984					1 984					1 652				
SBP	138.67	15.86	135.42	11.65	-3.25	0.241	0.000	134.48	11.06	-4.19	0.253	0.000	131.73	10.60	-7.08	0.353	0.000
DBP	82.90	10.57	81.13	8.35	-1.77	0.158	0.000	80.65	8.01	-2.25	0.164	0.000	79.23	8.04	-3.75	0.222	0.000
PP	55.77	12.10	54.28	9.46	-1.48	0.173	0.000	53.84	9.20	-1.93	0.179	0.000	52.50	9.18	-3.33	0.235	0.000
Prop in SBP Control	0.36	0.01	0.46	0.01	0.10	0.016	0.000	0.49	0.01	0.13	0.011	0.000	0.59	0.01	0.23	0.016	0.000
High SBP (N)	1 176		1 176					1 176					989				
SBP	148.65	11.66	141.08	10.11	-7.57	0.291	0.000	139.64	9.66	-9.01	0.302	0.000	135.17	10.16	-13.63	0.402	0.000
DBP	87.32	9.78	83.55	8.13	-3.77	0.199	0.000	82.82	7.82	-4.50	0.204	0.000	80.59	7.95	-6.91	0.271	0.000
PP	61.33	10.74	57.53	8.70	-3.80	0.222	0.000	56.82	8.47	-4.51	0.228	0.000	54.58	8.93	-6.72	0.289	0.000
Prop in SBP Control	0.00	0.00	0.26	0.01	0.26	0.013	0.000	0.30	0.01	0.30	0.013	0.000	0.49	0.02	0.49	0.016	0.000
Suboptimal SBP (N)	444		444					444					357				
SBP	129.82	2.98	130.16	7.30	0.34	0.356	0.336	129.86	7.32	0.04	0.359	0.910	128.64	8.60	-1.19	0.487	0.015
DBP	78.31	7.90	78.18	7.23	-0.13	0.286	0.642	77.94	7.13	-0.37	0.288	0.197	77.24	7.88	-0.94	0.364	0.011
PP	51.51	7.99	51.99	8.15	0.48	0.297	0.111	51.93	8.13	0.41	0.302	0.173	51.40	8.68	-0.25	0.380	0.503

Prop in SBP Control	1.00	0.00	0.75	0.02	-0.25	0.020	0.000	0.76	0.02	-0.24	0.020	0.000	0.72	0.02	-0.28	0.024	0.000
Optimal SBP (N)	271		271					271					222				271
SBP	120.33	2.84	124.78	7.48	4.45	0.466	0.000	124.75	7.32	4.42	0.455	0.000	124.93	8.94	4.64	0.609	0.000
DBP	75.66	7.28	77.61	7.17	1.95	0.381	0.000	77.56	7.07	1.90	0.387	0.000	77.45	7.51	1.97	0.518	0.000
PP	44.68	7.29	47.17	7.96	2.49	0.353	0.000	47.19	7.71	2.52	0.350	0.000	47.48	8.32	2.66	0.477	0.000
Prop in SBP Control	1.00	0.00	0.81	0.02	-0.19	0.024	0.000	0.83	0.02	-0.17	0.023	0.000	0.74	0.03	-0.26	0.029	0.000
Low SBP (N)	93		93					93					84				93
SBP	108.16	6.40	119.88	8.89	11.72	0.918	0.000	119.73	9.44	11.57	0.968	0.000	122.35	8.97	14.00	1.203	0.000
DBP	70.05	7.45	74.99	8.05	4.94	0.639	0.000	75.15	7.60	5.10	0.642	0.000	76.31	7.71	6.32	0.779	0.000
PP	38.11	7.68	44.89	7.60	6.78	0.707	0.000	44.58	8.11	6.47	0.764	0.000	46.04	7.23	7.68	0.965	0.000
Prop in SBP Control	0.00	0.00	0.66	0.05	0.66	0.049	0.000	0.68	0.05	0.68	0.048	0.000	0.76	0.05	0.76	0.046	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S4 continued

	270 Days					360 Days					450 Days					540 Days				
	Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	1 463					1 322					1 183					1 046				
SBP	131.02	10.32	-7.83	0.395	0.000	130.90	9.96	-7.90	0.411	0.000	130.41	9.95	-8.03	0.430	0.000	130.78	9.86	-7.75	0.458	0.000
DBP	79.11	8.12	-4.08	0.248	0.000	78.81	7.87	-4.33	0.261	0.000	78.54	7.67	-4.37	0.267	0.000	78.63	7.57	-4.23	0.287	0.000
PP	51.91	9.08	-3.75	0.255	0.000	52.09	8.89	-3.58	0.269	0.000	51.87	9.11	-3.67	0.283	0.000	52.15	9.46	-3.52	0.305	0.000
Prop in SBP Control	0.61	0.01	0.25	0.013	0.000	0.63	0.01	0.27	0.017	0.000	0.63	0.01	0.27	0.018	0.000	0.61	0.02	0.24	0.019	0.000
High SBP (N)	879					796					709					634				
SBP	133.85	9.90	-14.84	0.446	0.000	133.68	9.72	-14.81	0.465	0.000	133.09	9.84	-14.96	0.491	0.000	133.24	9.43	-14.82	0.494	0.000
DBP	80.13	7.89	-7.51	0.292	0.000	79.82	7.89	-7.67	0.315	0.000	79.41	7.72	-7.71	0.323	0.000	79.48	7.36	-7.60	0.339	0.000
PP	53.72	8.74	-7.33	0.304	0.000	53.86	8.90	-7.14	0.323	0.000	53.68	9.16	-7.25	0.340	0.000	53.76	9.39	-7.21	0.356	0.000
Prop in SBP Control	0.52	0.02	0.52	0.017	0.000	0.55	0.02	0.55	0.018	0.000	0.55	0.02	0.55	0.019	0.000	0.53	0.02	0.53	0.020	0.000
Suboptimal SBP (N)	319					283					252					218				
SBP	128.79	9.36	-1.13	0.556	0.043	127.90	8.71	-2.04	0.543	0.000	128.30	8.69	-1.68	0.584	0.004	128.63	9.08	-1.32	0.653	0.045
DBP	77.70	8.69	-0.76	0.455	0.095	76.95	7.69	-1.54	0.424	0.000	77.37	7.66	-1.30	0.435	0.003	77.58	8.06	-0.92	0.487	0.061
PP	51.09	9.36	-0.37	0.467	0.429	50.95	8.62	-0.49	0.478	0.301	50.92	8.37	-0.38	0.477	0.420	51.05	9.27	-0.40	0.546	0.466

Prop in SBP Control	0.71	0.03	-0.29	0.026	0.000	0.73	0.03	-0.27	0.026	0.000	0.74	0.03	-0.26	0.028	0.000	0.70	0.03	-0.30	0.031	0.000
Optimal SBP	189					183					165					140				
SBP	124.84	8.00	4.42	0.597	0.000	125.74	8.60	5.29	0.660	0.000	124.52	7.91	3.91	0.637	0.000	125.75	9.19	5.11	0.785	0.000
DBP	77.52	7.13	1.96	0.532	0.000	77.62	7.45	2.23	0.601	0.000	76.97	7.00	1.33	0.568	0.021	77.36	7.21	1.94	0.673	0.005
PP	47.32	7.91	2.46	0.486	0.000	48.12	7.58	3.06	0.504	0.000	47.55	8.59	2.58	0.594	0.000	48.39	8.99	3.17	0.626	0.000
Prop in SBP Control	0.80	0.03	-0.20	0.029	0.000	0.77	0.03	-0.23	0.031	0.000	0.78	0.03	-0.22	0.032	0.000	0.74	0.04	-0.26	0.037	0.000
Low SBP (N)	76					60					57					54				
SBP	123.00	10.85	14.64	1.422	0.000	123.98	8.79	15.75	1.442	0.000	123.49	9.02	15.51	1.414	0.000	123.61	9.19	15.87	1.398	0.000
DBP	77.05	8.74	6.70	0.946	0.000	77.82	7.58	6.88	0.953	0.000	77.44	7.65	7.23	1.028	0.000	76.11	7.64	6.09	1.063	0.000
PP	45.95	7.36	7.95	0.927	0.000	46.17	6.14	8.87	0.973	0.000	46.05	5.13	8.28	1.039	0.000	47.50	7.22	9.78	0.982	0.000
Prop in SBP Control	0.80	0.05	0.80	0.046	0.000	0.77	0.05	0.77	0.055	0.000	0.81	0.05	0.81	0.052	0.000	0.74	0.06	0.74	0.060	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S5. Overweight patients (BMI>25 kg/m2). Mean values and change from baseline at all timepoints for primary and secondary endpoints.

	Baseline		14 Days (First treatment control)					90 Days					180 Days				
	Absolute		Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	3 205		3 205					3 205					2 569				
SBP	137.34	15.54	134.93	11.89	-2.41	0.174	0.000	134.22	11.40	-3.12	0.180	0.000	132.11	10.83	-5.61	0.266	0.000
DBP	86.32	11.13	84.89	8.89	-1.43	0.123	0.000	84.44	8.58	-1.88	0.126	0.000	82.96	8.35	-3.55	0.184	0.000
PP	51.02	11.36	50.03	8.90	-0.98	0.123	0.000	49.78	8.76	-1.24	0.126	0.000	49.14	8.86	-2.06	0.175	0.000
Prop in SBP Control	0.39	0.01	0.48	0.01	0.09	0.012	0.000	0.51	0.01	0.12	0.009	0.000	0.56	0.01	0.17	0.013	0.000
High SBP (N)	1 776		1 776					1 776					1 458				
SBP	148.04	11.32	141.40	10.30	-6.64	0.218	0.000	140.33	9.83	-7.71	0.224	0.000	136.28	10.13	-11.78	0.324	0.000
DBP	91.51	10.48	87.95	8.97	-3.56	0.160	0.000	87.28	8.63	-4.23	0.163	0.000	84.59	8.54	-6.94	0.232	0.000
PP	56.53	10.42	53.44	8.29	-3.09	0.171	0.000	53.05	8.11	-3.48	0.174	0.000	51.69	8.48	-4.84	0.237	0.000
Prop in SBP Control	0.00	0.00	0.25	0.01	0.25	0.010	0.000	0.28	0.01	0.28	0.011	0.000	0.43	0.01	0.43	0.013	0.000
Suboptimal SBP (N)	783		783					783					610				
SBP	129.76	2.94	130.14	7.24	0.38	0.255	0.135	129.81	7.20	0.05	0.257	0.858	128.54	8.93	-1.25	0.367	0.001
DBP	82.36	7.55	82.24	7.10	-0.12	0.209	0.561	82.08	6.97	-0.28	0.209	0.176	81.23	7.42	-1.26	0.292	0.000
PP	47.40	7.65	47.91	7.68	0.50	0.200	0.012	47.73	7.72	0.33	0.201	0.102	47.31	8.51	0.01	0.278	0.962

Prop in SBP Control	1.00	0.00	0.74	0.02	-0.26	0.016	0.000	0.76	0.02	-0.24	0.015	0.000	0.71	0.02	-0.29	0.018	0.000
Optimal SBP (N)	471		471					471					369				
SBP	120.27	2.72	124.60	6.81	4.33	0.306	0.000	124.42	6.63	4.15	0.299	0.000	125.42	8.41	5.21	0.435	0.000
DBP	78.61	7.20	80.41	6.78	1.80	0.250	0.000	80.19	6.74	1.58	0.252	0.000	80.66	7.66	2.28	0.364	0.000
PP	41.65	7.10	44.18	7.11	2.53	0.247	0.000	44.23	7.06	2.57	0.248	0.000	44.76	7.77	2.93	0.355	0.000
Prop in SBP Control	1.00	0.00	0.87	0.02	-0.13	0.016	0.000	0.89	0.01	-0.11	0.015	0.000	0.78	0.02	-0.22	0.022	0.000
Low SBP (N)	175		175					175					132				
SBP	108.62	6.10	118.46	8.17	9.84	0.727	0.000	118.34	8.56	9.72	0.739	0.000	121.20	9.35	12.23	0.975	0.000
DBP	72.21	7.56	77.77	7.26	5.55	0.601	0.000	77.71	7.19	5.50	0.585	0.000	79.42	8.03	7.04	0.805	0.000
PP	36.41	6.88	40.69	6.04	4.29	0.454	0.000	40.62	6.54	4.22	0.472	0.000	41.78	6.10	5.20	0.599	0.000
Prop in SBP Control	0.00	0.00	0.65	0.04	0.65	0.036	0.000	0.66	0.04	0.66	0.036	0.000	0.71	0.04	0.71	0.039	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S5 continued

	270 Days					360 Days					450 Days					540 Days				
	Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	2 256					2 021					1 777					1 550				
SBP	131.33	10.48	-6.43	0.291	0.000	130.98	10.10	-6.67	0.312	0.000	130.80	9.87	-6.93	0.342	0.000	130.93	9.73	-6.80	0.367	0.000
DBP	82.60	8.19	-4.01	0.200	0.000	82.30	7.97	-4.36	0.213	0.000	82.09	8.06	-4.65	0.235	0.000	82.19	7.89	-4.56	0.260	0.000
PP	48.74	8.65	-2.41	0.188	0.000	48.68	8.69	-2.30	0.199	0.000	48.70	8.63	-2.28	0.216	0.000	48.74	8.83	-2.24	0.231	0.000
Prop in SBP Control	0.59	0.01	0.20	0.010	0.000	0.61	0.01	0.21	0.014	0.000	0.63	0.01	0.24	0.014	0.000	0.62	0.01	0.23	0.015	0.000
High SBP (N)	1 280					1 140					1 009					878				
SBP	135.14	9.88	-12.91	0.353	0.000	134.62	9.55	-13.41	0.379	0.000	133.88	9.47	-14.12	0.397	0.000	133.81	9.53	-14.21	0.426	0.000
DBP	83.99	8.23	-7.49	0.253	0.000	83.62	7.96	-7.96	0.270	0.000	83.07	8.13	-8.64	0.288	0.000	83.03	8.05	-8.73	0.325	0.000
PP	51.16	8.28	-5.42	0.248	0.000	51.00	8.47	-5.46	0.261	0.000	50.81	8.58	-5.48	0.283	0.000	50.78	8.91	-5.48	0.304	0.000
Prop in SBP Control	0.47	0.01	0.47	0.014	0.000	0.51	0.01	0.51	0.015	0.000	0.54	0.02	0.54	0.016	0.000	0.53	0.02	0.53	0.017	0.000
Suboptimal SBP (N)	547					482					427					370				
SBP	128.11	8.78	-1.62	0.382	0.000	127.59	8.44	-2.15	0.397	0.000	128.00	8.55	-1.73	0.430	0.000	128.68	8.65	-1.16	0.473	0.014
DBP	81.23	7.73	-1.51	0.321	0.000	80.87	7.66	-1.89	0.348	0.000	80.98	7.73	-1.77	0.354	0.000	81.51	7.61	-1.26	0.383	0.001
PP	46.88	8.40	-0.11	0.301	0.711	46.72	8.32	-0.26	0.315	0.408	47.02	8.13	0.04	0.337	0.906	47.18	8.16	0.10	0.359	0.786

Prop in SBP Control	0.73	0.02	-0.27	0.019	0.000	0.71	0.02	-0.29	0.021	0.000	0.74	0.02	-0.26	0.021	0.000	0.71	0.02	-0.29	0.024	0.000
Optimal SBP	316					298					252					227				
SBP	124.72	8.37	4.59	0.460	0.000	125.42	8.49	5.27	0.481	0.000	125.66	9.12	5.38	0.561	0.000	125.72	8.30	5.42	0.530	0.000
DBP	80.33	7.59	1.77	0.398	0.000	80.45	7.53	1.94	0.420	0.000	80.45	7.95	1.92	0.475	0.000	80.47	7.36	2.00	0.497	0.000
PP	44.40	7.63	2.82	0.375	0.000	44.98	7.73	3.33	0.387	0.000	45.21	7.78	3.47	0.434	0.000	45.26	7.82	3.42	0.459	0.000
Prop in SBP Control	0.80	0.02	-0.20	0.023	0.000	0.77	0.02	-0.23	0.024	0.000	0.76	0.03	-0.24	0.027	0.000	0.77	0.03	-0.23	0.028	0.000
Low SBP (N)	113					101					89					75				
SBP	122.27	10.07	12.97	1.064	0.000	122.50	9.68	12.73	1.020	0.000	123.79	8.71	14.70	1.267	0.000	124.04	8.20	15.12	1.292	0.000
DBP	79.81	8.30	7.15	0.786	0.000	79.65	7.95	5.79	0.830	0.000	81.00	7.64	8.10	1.020	0.000	80.96	7.66	8.08	1.117	0.000
PP	42.45	6.33	5.82	0.727	0.000	42.84	6.63	6.94	0.723	0.000	42.79	5.68	6.60	0.855	0.000	43.08	6.35	7.04	0.770	0.000
Prop in SBP Control	0.81	0.04	0.81	0.037	0.000	0.73	0.04	0.73	0.044	0.000	0.75	0.05	0.75	0.046	0.000	0.76	0.05	0.76	0.049	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S6. Obese patients (BMI>30 kg/m²). Mean values and change from baseline at all timepoints for primary and secondary endpoints.

	Baseline		14 Days (First treatment control)					90 Days					180 Days				
	Absolute		Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	2 773		2 773					2 773					2 200				
SBP	142.18	16.27	139.71	12.50	-2.47	0.196	0.000	138.93	12.02	-3.25	0.202	0.000	136.03	11.44	-6.23	0.299	0.000
DBP	88.63	11.66	87.19	9.33	-1.44	0.143	0.000	86.68	9.05	-1.95	0.146	0.000	84.68	8.78	-4.01	0.214	0.000
PP	53.55	11.53	52.52	8.73	-1.04	0.138	0.000	52.26	8.52	-1.30	0.142	0.000	51.35	8.85	-2.22	0.199	0.000
Prop in SBP Control	0.31	0.01	0.34	0.01	0.03	0.013	0.008	0.36	0.01	0.05	0.009	0.000	0.44	0.01	0.14	0.014	0.000
High SBP (N)	1 844		1 844					1 844					1 467				
SBP	150.72	12.51	145.03	10.88	-5.69	0.233	0.000	143.92	10.55	-6.80	0.237	0.000	139.39	10.93	-11.46	0.334	0.000
DBP	92.92	10.82	89.86	9.15	-3.07	0.179	0.000	89.18	8.87	-3.74	0.182	0.000	86.15	8.77	-6.93	0.254	0.000
PP	57.80	10.58	55.17	8.25	-2.63	0.169	0.000	54.74	8.08	-3.06	0.173	0.000	53.25	8.72	-4.53	0.239	0.000
Prop in SBP Control	0.00	0.00	0.15	0.01	0.15	0.008	0.000	0.17	0.01	0.17	0.009	0.000	0.33	0.01	0.33	0.012	0.000
Suboptimal SBP (N)	563		563					563					440				
SBP	129.68	2.90	131.66	6.87	1.98	0.287	0.000	131.64	6.81	1.96	0.283	0.000	131.24	8.64	1.58	0.418	0.000
DBP	81.78	8.07	82.80	7.28	1.02	0.245	0.000	82.63	7.19	0.85	0.244	0.001	82.50	8.26	0.80	0.365	0.028
PP	47.90	7.96	48.86	7.01	0.96	0.254	0.000	49.02	7.08	1.11	0.254	0.000	48.74	7.74	0.77	0.353	0.030

Prop in SBP Control	1.00	0.00	0.67	0.02	-0.33	0.020	0.000	0.67	0.02	-0.33	0.020	0.000	0.64	0.02	-0.36	0.023	0.000
Optimal SBP (N)	293		293					293					227				
SBP	120.55	2.72	126.40	7.62	5.84	0.442	0.000	126.12	7.43	5.57	0.434	0.000	127.13	9.17	6.57	0.613	0.000
DBP	78.84	6.57	81.22	6.72	2.38	0.344	0.000	80.99	6.57	2.15	0.350	0.000	80.97	7.16	2.22	0.462	0.000
PP	41.71	6.55	45.18	6.46	3.47	0.356	0.000	45.13	6.23	3.42	0.351	0.000	46.15	7.65	4.35	0.515	0.000
Prop in SBP Control	1.00	0.00	0.80	0.02	-0.20	0.023	0.000	0.81	0.02	-0.19	0.023	0.000	0.76	0.03	-0.24	0.028	0.000
Low SBP (N)	73		73					73					66				
SBP	109.67	4.27	120.73	7.73	11.05	0.908	0.000	120.47	7.77	10.79	0.863	0.000	123.71	9.69	13.97	1.306	0.000
DBP	72.22	7.09	77.67	6.44	5.45	0.799	0.000	77.41	7.53	5.19	0.715	0.000	79.38	8.59	7.29	1.204	0.000
PP	37.45	6.60	43.05	6.68	5.60	0.723	0.000	43.05	6.51	5.60	0.712	0.000	44.33	7.28	6.68	0.985	0.000
Prop in SBP Control	0.00	0.00	0.73	0.05	0.73	0.052	0.000	0.73	0.05	0.73	0.052	0.000	0.70	0.06	0.70	0.057	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S6 continued

	270 Days					360 Days					450 Days					540 Days				
	Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	2 200					1 873					1 709					1 514				
SBP	134.94	10.69	-7.38	0.342	0.000	134.53	10.33	-7.83	0.366	0.000	133.73	10.59	-8.65	0.391	0.000	133.45	10.38	-8.42	0.429	0.000
DBP	84.18	8.39	-4.55	0.242	0.000	83.82	8.15	-4.94	0.260	0.000	83.15	8.18	-5.58	0.273	0.000	82.87	8.08	-5.42	0.299	0.000
PP	50.75	8.51	-2.84	0.217	0.000	50.70	8.43	-2.90	0.235	0.000	50.58	8.99	-3.07	0.252	0.000	50.58	9.00	-3.00	0.273	0.000
Prop in SBP Control	0.49	0.01	0.18	0.012	0.000	0.52	0.01	0.21	0.015	0.000	0.54	0.01	0.23	0.016	0.000	0.53	0.01	0.23	0.016	0.000
High SBP (N)	1 467					1 262					1 148					1 017				
SBP	137.64	10.33	-13.08	0.371	0.000	136.90	10.22	-13.83	0.399	0.000	136.00	10.42	-14.74	0.427	0.000	135.32	10.51	-15.07	0.456	0.000
DBP	85.16	8.39	-7.72	0.277	0.000	84.71	8.17	-8.27	0.301	0.000	83.79	8.24	-9.03	0.317	0.000	83.27	8.19	-9.30	0.335	0.000
PP	52.48	8.30	-5.36	0.256	0.000	52.19	8.41	-5.55	0.281	0.000	52.21	8.80	-5.71	0.301	0.000	52.05	9.06	-5.77	0.329	0.000
Prop in SBP Control	0.39	0.01	0.39	0.014	0.000	0.42	0.01	0.42	0.015	0.000	0.46	0.02	0.46	0.016	0.000	0.46	0.02	0.46	0.017	0.000
Suboptimal SBP (N)	440					364					341					300				
SBP	130.80	8.82	1.18	0.486	0.016	131.14	8.38	1.55	0.478	0.001	131.08	8.98	1.53	0.529	0.004	131.05	8.92	1.51	0.565	0.008
DBP	82.60	8.29	0.54	0.451	0.236	82.11	7.98	0.44	0.437	0.318	82.02	7.89	0.06	0.422	0.887	81.82	7.83	0.39	0.465	0.407

PP	48.19	7.96	0.64	0.403	0.113	49.03	7.62	1.11	0.404	0.006	49.06	8.34	1.47	0.435	0.001	49.23	8.22	1.12	0.489	0.022
Prop in SBP Control	0.66	0.02	-0.34	0.025	0.000	0.69	0.03	-0.31	0.025	0.000	0.66	0.03	-0.34	0.027	0.000	0.66	0.03	-0.34	0.029	0.000
Optimal SBP	227					194					176					164				
SBP	127.80	8.77	7.25	0.645	0.000	127.78	8.71	6.99	0.681	0.000	126.32	9.15	5.68	0.725	0.000	127.92	8.66	7.16	0.747	0.000
DBP	81.90	7.32	3.02	0.550	0.000	82.03	7.46	2.94	0.580	0.000	81.53	8.05	2.54	0.569	0.000	82.30	7.59	3.46	0.651	0.000
PP	45.90	7.00	4.24	0.497	0.000	45.76	7.15	4.05	0.561	0.000	44.79	8.16	3.14	0.654	0.000	45.62	7.77	3.69	0.605	0.000
Prop in SBP Control	0.72	0.03	-0.28	0.032	0.000	0.78	0.03	-0.22	0.031	0.000	0.72	0.04	-0.28	0.035	0.000	0.71	0.04	-0.29	0.038	0.000
Low SBP (N)	66					53					44					33				
SBP	125.19	10.80	15.83	1.473	0.000	125.82	9.11	16.52	1.411	0.000	124.76	8.74	15.06	1.592	0.000	127.54	10.18	18.14	1.830	0.000
DBP	80.21	8.67	8.45	1.104	0.000	81.27	7.95	8.95	1.352	0.000	81.73	7.29	8.94	1.719	0.000	83.43	8.32	10.84	1.786	0.000
PP	44.98	8.51	7.38	1.107	0.000	44.55	7.01	7.57	1.043	0.000	43.03	6.24	6.12	1.205	0.000	44.11	6.10	7.30	0.914	0.000
Prop in SBP Control	0.75	0.06	0.75	0.059	0.000	0.77	0.06	0.77	0.063	0.000	0.76	0.07	0.76	0.075	0.000	0.73	0.07	0.73	0.073	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S7. Patients with diabetes status (self-reported or fasting plasma glucose ≥ 7.0 mmol/L). Mean values and change from baseline at all timepoints for primary and secondary endpoints.

	Baseline		14 Days (First treatment control)					90 Days					180 Days				
	Absolute		Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	682		682					682					524				
SBP	138.20	15.47	136.46	12.38	-1.74	0.407	0.000	135.67	12.13	-2.53	0.419	0.000	133.34	11.66	-4.99	0.600	0.000
DBP	83.11	10.62	82.24	8.87	-0.87	0.252	0.001	81.73	8.88	-1.38	0.260	0.000	80.41	8.87	-2.48	0.394	0.000
PP	55.09	12.46	54.22	10.20	-0.87	0.298	0.004	53.94	9.97	-1.14	0.297	0.000	52.92	10.22	-2.51	0.421	0.000
Prop in SBP Control	0.39	0.02	0.45	0.02	0.06	0.027	0.021	0.48	0.02	0.09	0.019	0.001	0.54	0.02	0.15	0.029	0.000
High SBP (N)	387		387					387					300				
SBP	148.68	11.00	142.65	11.03	-6.02	0.505	0.000	141.58	10.89	-7.10	0.518	0.000	137.40	11.23	-11.48	0.691	0.000
DBP	87.57	9.87	84.76	8.76	-2.81	0.339	0.000	84.08	8.91	-3.49	0.349	0.000	81.42	8.99	-5.91	0.493	0.000
PP	61.11	10.81	57.90	9.55	-3.21	0.378	0.000	57.50	9.25	-3.61	0.376	0.000	55.98	9.91	-5.57	0.519	0.000
Prop in SBP Control	0.00	0.00	0.23	0.02	0.23	0.021	0.000	0.27	0.02	0.27	0.022	0.000	0.41	0.03	0.41	0.028	0.000
Suboptimal SBP (N)	173		173					173					128				
SBP	129.53	2.90	131.03	7.90	1.50	0.583	0.011	130.69	8.03	1.16	0.598	0.054	130.29	10.08	0.77	0.930	0.407
DBP	78.61	8.57	79.53	7.97	0.91	0.412	0.028	79.25	7.86	0.64	0.418	0.126	79.73	8.58	1.48	0.713	0.040

PP	50.92	8.97	51.50	8.48	0.58	0.510	0.254	51.44	8.51	0.52	0.501	0.301	50.56	9.04	-0.70	0.750	0.350
Prop in SBP Control	1.00	0.00	0.72	0.03	-0.28	0.034	0.000	0.72	0.03	-0.28	0.034	0.000	0.66	0.04	-0.34	0.042	0.000
Optimal SBP (N)	91		91					91					72				
SBP	120.42	2.93	125.99	8.15	5.57	0.873	0.000	125.23	7.88	4.81	0.835	0.000	125.49	7.90	5.36	1.032	0.000
DBP	76.95	7.54	79.26	7.23	2.32	0.575	0.000	78.67	7.18	1.73	0.576	0.004	79.11	7.11	2.28	0.732	0.003
PP	43.47	7.73	46.73	8.87	3.25	0.650	0.000	46.56	8.62	3.09	0.615	0.000	46.38	8.90	3.08	0.886	0.001
Prop in SBP Control	1.00	0.00	0.79	0.04	-0.21	0.043	0.000	0.84	0.04	-0.16	0.039	0.000	0.83	0.04	-0.17	0.044	0.000
Low SBP (N)	31		31					31					24				
SBP	107.90	6.66	120.10	8.95	12.19	1.704	0.000	120.35	9.64	12.45	1.724	0.000	122.29	10.41	14.25	2.238	0.000
DBP	70.71	8.31	74.68	8.18	3.97	0.928	0.000	75.16	8.98	4.45	0.948	0.000	75.38	11.27	5.00	1.504	0.003
PP	37.19	8.40	45.42	8.37	8.23	1.550	0.000	45.19	8.47	8.00	1.528	0.000	46.92	8.86	9.25	2.143	0.000
Prop in SBP Control	0.00	0.00	0.65	0.09	0.65	0.086	0.000	0.65	0.09	0.65	0.086	0.000	0.63	0.10	0.63	0.099	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S7 continued

	270 Days					360 Days					450 Days					540 Days				
	Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	442					388					341					293				
SBP	133.87	11.32	-4.99	0.678	0.000	133.55	10.70	-5.70	0.731	0.000	132.97	11.31	-6.25	0.825	0.000	132.85	11.09	-6.15	0.890	0.000
DBP	80.62	9.01	-2.33	0.444	0.000	80.14	8.25	-2.92	0.462	0.000	79.81	8.62	-3.11	0.521	0.000	79.67	8.47	-3.33	0.542	0.000
PP	53.25	9.88	-2.66	0.476	0.000	53.41	9.28	-2.78	0.506	0.000	53.16	10.07	-3.14	0.578	0.000	53.18	9.53	-2.82	0.606	0.000
Prop in SBP Control	0.54	0.02	0.15	0.024	0.000	0.54	0.03	0.15	0.031	0.000	0.55	0.03	0.16	0.033	0.000	0.58	0.03	0.20	0.034	0.000
High SBP (N)	260					233					207					172				
SBP	137.51	11.13	-11.52	0.792	0.000	136.82	10.56	-12.25	0.836	0.000	136.07	10.99	-13.13	0.912	0.000	136.13	11.27	-13.56	0.991	0.000
DBP	81.44	9.19	-5.71	0.531	0.000	81.34	8.21	-5.95	0.571	0.000	80.49	8.47	-6.70	0.610	0.000	80.69	8.35	-7.01	0.612	0.000
PP	56.07	9.29	-5.81	0.573	0.000	55.47	9.07	-6.30	0.595	0.000	55.58	10.05	-6.43	0.723	0.000	55.44	9.88	-6.55	0.731	0.000
Prop in SBP Control	0.40	0.03	0.40	0.030	0.000	0.40	0.03	0.40	0.032	0.000	0.46	0.03	0.46	0.035	0.000	0.45	0.04	0.45	0.038	0.000
Suboptimal SBP (N)	108					92					74					71				
SBP	131.08	9.97	1.57	0.965	0.106	130.12	9.56	0.71	1.040	0.499	130.53	10.48	1.32	1.278	0.303	129.04	9.84	-0.28	1.257	0.823
DBP	80.47	9.46	1.73	0.876	0.051	78.23	8.40	0.13	0.780	0.868	79.12	9.72	0.95	0.965	0.330	78.24	9.01	-0.11	0.933	0.904

PP	50.61	10.17	-0.16	0.903	0.862	51.89	9.46	0.58	0.936	0.540	51.41	9.28	0.38	0.989	0.703	50.80	8.45	-0.17	1.092	0.877
Prop in SBP Control	0.66	0.05	-0.34	0.046	0.000	0.68	0.05	-0.32	0.048	0.000	0.62	0.06	-0.38	0.056	0.000	0.72	0.05	-0.28	0.053	0.000
Optimal SBP	54					48					45					34				
SBP	125.48	6.66	5.15	1.026	0.000	126.77	6.81	6.60	1.050	0.000	124.80	8.55	4.47	1.370	0.002	127.06	6.73	7.00	1.187	0.000
DBP	78.96	6.39	2.20	0.875	0.015	79.42	7.12	2.77	1.069	0.013	78.80	7.28	2.62	1.045	0.016	79.26	6.76	2.97	1.198	0.018
PP	46.52	7.45	2.94	0.907	0.002	47.35	7.01	3.83	0.996	0.000	46.00	8.08	1.84	1.240	0.144	47.79	7.86	4.03	1.189	0.002
Prop in SBP Control	0.91	0.04	-0.09	0.039	0.003	0.85	0.05	-0.15	0.051	0.000	0.80	0.06	-0.20	0.060	0.000	0.88	0.06	-0.12	0.055	0.001
Low SBP (N)	20					15					15					16				
SBP	124.20	8.77	17.10	2.665	0.000	125.67	9.42	17.47	3.001	0.000	126.73	10.02	19.13	3.144	0.000	126.75	9.44	19.50	2.164	0.000
DBP	75.15	8.15	7.40	1.321	0.000	75.53	7.89	7.20	1.852	0.002	76.80	8.36	9.20	1.964	0.000	75.88	9.32	8.63	2.458	0.003
PP	49.05	7.38	9.70	2.460	0.001	50.13	6.98	10.27	2.256	0.001	49.93	6.53	9.93	2.450	0.001	50.88	5.54	10.88	1.744	0.000
Prop in SBP Control	0.75	0.10	0.75	0.097	0.000	0.67	0.12	0.67	0.122	0.000	0.73	0.11	0.73	0.114	0.000	0.81	0.10	0.81	0.098	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S8. Patients with pre-diabetes (fasting plasma glucose ≥ 6.1 and < 7.0 mmol/l). Mean values and change from baseline at all timepoints for primary and secondary endpoints.

	Baseline		14 Days (First treatment control)					14 Days (First treatment control)					180 Days				
	Absolute		Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	4 433		4 433					4 433					3 343				
SBP	137.92	15.90	135.33	12.28	-2.59	0.152	0.000	134.74	11.82	-3.17	0.157	0.000	132.56	11.40	-5.73	0.238	0.000
DBP	86.27	11.15	84.76	8.88	-1.51	0.110	0.000	84.41	8.60	-1.86	0.111	0.000	82.86	8.56	-3.68	0.169	0.000
PP	51.64	11.34	50.57	8.80	-1.08	0.106	0.000	50.33	8.62	-1.31	0.109	0.000	49.71	8.93	-2.05	0.158	0.000
Prop in SBP Control	0.38	0.01	0.47	0.01	0.08	0.010	0.000	0.48	0.01	0.10	0.008	0.000	0.54	0.01	0.16	0.011	0.000
High SBP (N)	2 512		2 512					2 512					1 929				
SBP	148.54	11.75	141.89	10.54	-6.65	0.193	0.000	140.90	10.17	-7.64	0.198	0.000	136.88	10.74	-11.79	0.294	0.000
DBP	91.36	10.48	87.85	8.82	-3.51	0.147	0.000	87.28	8.53	-4.08	0.149	0.000	84.60	8.68	-6.94	0.219	0.000
PP	57.18	10.34	54.04	8.16	-3.15	0.145	0.000	53.62	8.00	-3.56	0.148	0.000	52.28	8.61	-4.85	0.213	0.000
Prop in SBP Control	0.00	0.00	0.24	0.01	0.24	0.009	0.000	0.27	0.01	0.27	0.009	0.000	0.42	0.01	0.42	0.011	0.000
Suboptimal SBP (N)	1 049		1 049					1 049					775				
SBP	129.72	2.95	130.19	7.21	0.47	0.220	0.034	130.05	7.17	0.33	0.219	0.131	128.82	8.81	-0.94	0.319	0.003
DBP	82.29	7.42	82.23	7.00	-0.06	0.182	0.730	82.12	6.92	-0.17	0.182	0.337	81.14	7.74	-1.15	0.259	0.000

PP	47.43	7.40	47.96	7.25	0.53	0.174	0.002	47.93	7.27	0.51	0.175	0.004	47.68	8.27	0.21	0.257	0.413
Prop in SBP Control	1.00	0.00	0.73	0.01	-0.27	0.014	0.000	0.74	0.01	-0.26	0.014	0.000	0.70	0.02	-0.30	0.016	0.000
Optimal SBP (N)	641		641					641					471				
SBP	120.34	2.67	124.54	7.44	4.20	0.290	0.000	124.59	7.38	4.24	0.289	0.000	125.39	9.31	5.04	0.429	0.000
DBP	78.29	6.88	79.80	6.77	1.51	0.232	0.000	79.80	6.73	1.50	0.236	0.000	80.11	7.71	1.76	0.353	0.000
PP	42.05	6.86	44.74	6.89	2.69	0.227	0.000	44.79	6.83	2.74	0.227	0.000	45.27	7.61	3.27	0.336	0.000
Prop in SBP Control	1.00	0.00	0.84	0.01	-0.16	0.015	0.000	0.83	0.01	-0.17	0.015	0.000	0.74	0.02	-0.26	0.020	0.000
Low SBP (N)	231		231					231					168				
SBP	108.39	5.60	117.35	8.13	8.96	0.567	0.000	117.28	8.13	8.88	0.558	0.000	120.35	9.62	11.57	0.820	0.000
DBP	71.20	7.16	76.45	6.97	5.24	0.471	0.000	76.42	7.05	5.21	0.455	0.000	78.43	7.90	6.89	0.710	0.000
PP	37.19	6.96	40.90	6.48	3.71	0.371	0.000	40.86	6.52	3.67	0.373	0.000	41.92	6.85	4.67	0.486	0.000
Prop in SBP Control	0.00	0.00	0.63	0.03	0.63	0.032	0.000	0.65	0.03	0.65	0.031	0.000	0.64	0.04	0.64	0.037	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S8 continued

	270 Days					360 Days					450 Days					540 Days				
	Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	2 782					2 424					2 046					1 769				
SBP	131.32	10.76	-6.80	0.275	0.000	131.22	10.56	-6.85	0.298	0.000	130.86	10.22	-7.12	0.324	0.000	131.00	10.14	-6.79	0.354	0.000
DBP	82.31	8.24	-4.10	0.188	0.000	82.10	8.16	-4.35	0.209	0.000	81.73	8.07	-4.64	0.228	0.000	81.79	7.92	-4.43	0.252	0.000
PP	49.01	8.50	-2.70	0.175	0.000	49.12	8.54	-2.50	0.191	0.000	49.13	8.68	-2.48	0.207	0.000	49.21	8.99	-2.35	0.225	0.000
Prop in SBP Control	0.58	0.01	0.20	0.009	0.000	0.59	0.01	0.21	0.012	0.000	0.62	0.01	0.24	0.013	0.000	0.61	0.01	0.23	0.014	0.000
High SBP (N)	1 596					1 390					1 167					1 005				
SBP	134.92	10.07	-13.56	0.333	0.000	134.48	10.09	-13.85	0.358	0.000	133.77	9.88	-14.47	0.384	0.000	133.78	9.83	-14.23	0.419	0.000
DBP	83.67	8.18	-7.65	0.240	0.000	83.25	8.04	-8.09	0.267	0.000	82.63	8.18	-8.54	0.292	0.000	82.55	8.05	-8.57	0.320	0.000
PP	51.26	8.18	-5.91	0.227	0.000	51.23	8.52	-5.76	0.251	0.000	51.14	8.55	-5.92	0.266	0.000	51.22	8.86	-5.66	0.295	0.000
Prop in SBP Control	0.48	0.01	0.48	0.013	0.000	0.50	0.01	0.50	0.013	0.000	0.54	0.01	0.54	0.015	0.000	0.54	0.02	0.54	0.016	0.000
Suboptimal SBP (N)	656					564					485					426				
SBP	128.33	8.84	-1.28	0.358	0.000	128.60	9.18	-1.02	0.394	0.010	128.91	8.92	-0.74	0.412	0.071	129.10	9.16	-0.52	0.461	0.261
DBP	80.97	7.87	-1.25	0.295	0.000	81.02	8.09	-1.32	0.340	0.000	80.94	7.56	-1.43	0.331	0.000	81.22	7.70	-0.83	0.373	0.026

PP	47.36	7.98	-0.04	0.280	0.901	47.57	7.57	0.29	0.300	0.332	47.97	8.01	0.69	0.330	0.038	47.88	8.52	0.31	0.368	0.393
Prop in SBP Control	0.72	0.02	-0.28	0.018	0.000	0.67	0.02	-0.33	0.020	0.000	0.72	0.02	-0.28	0.020	0.000	0.70	0.02	-0.30	0.022	0.000
Optimal SBP	396					360					303					257				
SBP	125.17	9.79	4.80	0.489	0.000	125.63	9.37	5.13	0.493	0.000	125.44	9.34	4.91	0.527	0.000	125.51	9.19	5.00	0.556	0.000
DBP	80.26	7.85	1.70	0.392	0.000	80.23	8.16	1.98	0.407	0.000	80.22	8.00	1.61	0.451	0.000	80.04	7.53	1.68	0.478	0.001
PP	44.91	7.61	3.10	0.369	0.000	45.40	7.61	3.15	0.379	0.000	45.21	8.24	3.31	0.428	0.000	45.47	8.28	3.32	0.445	0.000
Prop in SBP Control	0.74	0.02	-0.26	0.022	0.000	0.75	0.02	-0.25	0.023	0.000	0.74	0.03	-0.26	0.025	0.000	0.73	0.03	-0.27	0.028	0.000
Low SBP (N)	134					110					91					81				
SBP	121.21	11.00	12.33	0.990	0.000	121.72	9.64	12.63	0.979	0.000	122.01	8.93	12.95	1.107	0.000	124.01	9.11	15.31	1.202	0.000
DBP	78.72	8.49	7.04	0.774	0.000	79.05	7.51	6.73	0.833	0.000	79.41	7.96	7.49	1.000	0.000	80.96	7.52	8.65	1.113	0.000
PP	42.49	7.55	5.28	0.645	0.000	42.67	7.22	5.90	0.709	0.000	42.60	6.02	5.45	0.821	0.000	43.05	7.25	6.65	0.765	0.000
Prop in SBP Control	0.72	0.04	0.72	0.039	0.000															

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S9. Patients with high alcohol consumption (self-reported consumption of more than 9 standard units of alcohol per week for females and 14 standard units for males). Mean values and change from baseline at all timepoints for primary and secondary endpoints.

	Baseline		14 Days (First treatment control)					14 Days (First treatment control)					180 Days				
	Absolute		Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	1,773		1,773					1,773					1,441				
SBP	139.94	15.80	137.09	11.95	-2.84	0.241	0.000	136.43	11.46	-3.51	0.250	0.000	134.10	11.35	-6.05	0.364	0.000
DBP	87.97	11.25	86.24	8.86	-1.74	0.171	0.000	85.77	8.52	-2.20	0.175	0.000	84.12	8.51	-3.94	0.256	0.000
PP	51.97	11.27	50.86	8.56	-1.11	0.170	0.000	50.65	8.42	-1.31	0.173	0.000	49.97	8.70	-2.10	0.240	0.000
Prop in SBP Control	0.35	0.01	0.41	0.01	0.07	0.016	0.000	0.43	0.01	0.09	0.012	0.000	0.50	0.01	0.16	0.017	0.000
High SBP (N)	1,097		1,097					1,097					909				
SBP	149.21	12.05	142.73	10.26	-6.48	0.289	0.000	141.71	9.93	-7.50	0.298	0.000	137.71	10.84	-11.29	0.435	0.000
DBP	92.49	10.55	88.89	8.72	-3.60	0.214	0.000	88.25	8.37	-4.24	0.218	0.000	85.62	8.52	-6.77	0.320	0.000
PP	56.72	10.31	53.84	7.84	-2.88	0.220	0.000	53.46	7.75	-3.25	0.224	0.000	52.09	8.49	-4.52	0.308	0.000
Prop in SBP Control	0.00	0.00	0.20	0.01	0.20	0.012	0.000	0.22	0.01	0.22	0.013	0.000	0.39	0.02	0.39	0.016	0.000
Suboptimal SBP (N)	382		382					382					307				
SBP	130.08	2.95	130.96	7.54	0.87	0.389	0.025	130.76	7.55	0.68	0.392	0.085	130.04	9.33	-0.07	0.530	0.893
DBP	82.82	7.38	83.14	7.07	0.31	0.293	0.284	82.91	6.97	0.09	0.295	0.770	82.26	7.86	-0.69	0.417	0.097

PP	47.26	7.22	47.82	7.31	0.56	0.298	0.061	47.85	7.31	0.59	0.297	0.047	47.78	8.11	0.62	0.408	0.128
Prop in SBP Control	1.00	0.00	0.71	0.02	-0.29	0.023	0.000	0.72	0.02	-0.28	0.023	0.000	0.65	0.03	-0.35	0.027	0.000
Optimal SBP (N)	230		230					230					174				
SBP	120.62	2.65	125.00	7.41	4.37	0.482	0.000	125.06	7.11	4.44	0.469	0.000	126.01	8.30	5.48	0.634	0.000
DBP	79.42	7.38	80.84	7.39	1.42	0.394	0.000	80.75	7.22	1.33	0.397	0.001	80.91	7.74	1.76	0.534	0.001
PP	41.20	7.08	44.16	7.14	2.96	0.355	0.000	44.31	7.27	3.11	0.352	0.000	45.10	7.07	3.71	0.507	0.000
Prop in SBP Control	1.00	0.00	0.82	0.03	-0.18	0.025	0.000	0.84	0.02	-0.16	0.024	0.000	0.80	0.03	-0.20	0.030	0.000
Low SBP (N)	64		64					64					51				
SBP	109.33	4.52	120.64	7.04	11.31	0.921	0.000	120.56	6.63	11.23	0.876	0.000	121.67	8.72	12.24	1.282	0.000
DBP	72.06	7.73	78.72	6.19	6.66	0.925	0.000	78.58	6.23	6.52	0.893	0.000	79.63	7.90	7.47	1.212	0.000
PP	37.27	7.44	41.92	5.35	4.66	0.728	0.000	41.98	5.21	4.72	0.696	0.000	42.04	5.88	4.76	0.849	0.000
Prop in SBP Control	0.00	0.00	0.80	0.05	0.80	0.050	0.000	0.81	0.05	0.81	0.049	0.000	0.69	0.06	0.69	0.065	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S9 continued

	270 Days					360 Days					450 Days					540 Days				
	Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	1,259					1,147					1,038					910				
SBP	132.82	10.69	-6.96	0.409	0.000	132.55	10.19	-6.91	0.421	0.000	132.15	9.78	-7.55	0.452	0.000	131.83	9.60	-7.83	0.493	0.000
DBP	83.56	8.42	-4.29	0.288	0.000	83.26	8.09	-4.52	0.296	0.000	82.94	7.91	-5.14	0.314	0.000	82.83	7.62	-5.23	0.338	0.000
PP	49.25	8.21	-2.67	0.262	0.000	49.29	8.33	-2.39	0.267	0.000	49.21	8.47	-2.41	0.291	0.000	49.00	8.49	-2.60	0.317	0.000
Prop in SBP Control	0.53	0.01	0.19	0.014	0.000	0.56	0.01	0.21	0.019	0.000	0.58	0.02	0.24	0.019	0.000	0.59	0.02	0.25	0.020	0.000
High SBP (N)	791					703					636					561				
SBP	135.92	10.03	-12.72	0.481	0.000	135.64	9.78	-13.15	0.493	0.000	134.73	9.48	-14.28	0.518	0.000	133.99	9.19	-14.80	0.546	0.000
DBP	84.75	8.14	-7.42	0.352	0.000	84.35	7.91	-7.86	0.365	0.000	83.87	7.90	-8.71	0.392	0.000	83.49	7.46	-9.01	0.406	0.000
PP	51.17	7.74	-5.30	0.326	0.000	51.28	8.29	-5.29	0.339	0.000	50.87	8.27	-5.57	0.357	0.000	50.50	8.47	-5.79	0.387	0.000
Prop in SBP Control	0.43	0.02	0.43	0.018	0.000	0.44	0.02	0.44	0.019	0.000	0.49	0.02	0.49	0.020	0.000	0.52	0.02	0.52	0.021	0.000
Suboptimal SBP (N)	264					245					228					197				
SBP	129.72	9.33	-0.25	0.585	0.670	129.20	8.19	-0.75	0.525	0.154	129.67	8.73	-0.29	0.578	0.612	129.65	9.48	-0.28	0.681	0.683
DBP	82.27	8.69	-0.65	0.498	0.195	82.00	7.97	-0.98	0.466	0.037	81.79	7.59	-1.18	0.439	0.008	81.70	7.66	-0.97	0.508	0.057

PP	47.45	8.10	0.40	0.470	0.398	47.20	7.61	0.23	0.432	0.598	47.89	8.17	0.88	0.491	0.074	47.95	8.21	0.70	0.577	0.229
Prop in SBP Control	0.68	0.03	-0.32	0.029	0.000	0.72	0.03	-0.28	0.029	0.000	0.70	0.03	-0.30	0.030	0.000	0.70	0.03	-0.30	0.033	0.000
Optimal SBP	158					158					134					121				
SBP	125.70	9.37	5.03	0.738	0.000	126.73	9.19	6.16	0.745	0.000	126.72	8.84	5.73	0.747	0.000	127.56	8.63	6.78	0.780	0.000
DBP	81.06	8.34	1.78	0.605	0.004	81.36	8.30	2.04	0.657	0.002	81.12	8.32	1.19	0.639	0.066	82.02	8.06	2.50	0.746	0.001
PP	44.65	7.81	3.24	0.582	0.000	45.37	7.12	4.13	0.501	0.000	45.60	8.14	4.54	0.621	0.000	45.54	7.73	4.27	0.599	0.000
Prop in SBP Control	0.73	0.04	-0.27	0.035	0.000	0.76	0.03	-0.24	0.034	0.000	0.78	0.04	-0.22	0.036	0.000	0.74	0.04	-0.26	0.040	0.000
Low SBP (N)	46					41					40					31				
SBP	121.65	9.16	12.48	1.479	0.000	122.10	8.77	12.88	1.352	0.000	123.40	6.49	13.68	1.203	0.000	123.23	8.02	13.39	1.574	0.000
DBP	79.28	7.81	7.74	1.347	0.000	79.49	7.85	6.27	1.355	0.000	80.88	6.34	7.83	1.355	0.000	81.03	7.30	6.03	1.501	0.000
PP	42.37	5.36	4.74	1.076	0.000	42.61	5.14	6.61	1.029	0.000	42.53	5.68	5.85	1.183	0.000	42.19	4.64	7.35	1.150	0.000
Prop in SBP Control	0.74	0.06	0.74	0.065	0.000	0.78	0.06	0.78	0.065	0.000	0.78	0.07	0.78	0.066	0.000	0.77	0.08	0.77	0.075	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S10. Patients with low alcohol consumption (self-reported consumption of less than 9 standard units of alcohol per week for females and 14 standard units for males). Mean values and change from baseline at all timepoints for primary and secondary endpoints.

	Baseline		14 Days (First treatment control)					14 Days (First treatment control)					180 Days				
	Absolute		Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	5,449		5,449					5,449					4,341				
SBP	138.14	16.05	135.59	12.66	-2.54	0.136	0.000	134.84	12.09	-3.30	0.141	0.000	132.46	11.31	-5.99	0.207	0.000
DBP	86.57	11.31	85.18	9.20	-1.39	0.096	0.000	84.72	8.87	-1.86	0.099	0.000	83.15	8.54	-3.64	0.144	0.000
PP	51.56	11.54	50.41	9.07	-1.16	0.096	0.000	50.12	8.86	-1.44	0.099	0.000	49.31	9.03	-2.34	0.136	0.000
Prop in SBP Control	0.37	0.01	0.46	0.01	0.09	0.009	0.000	0.48	0.01	0.11	0.007	0.000	0.54	0.01	0.17	0.010	0.000
High SBP (N)	3,114		3,114					3,114					2,518				
SBP	148.85	11.64	142.35	10.90	-6.50	0.172	0.000	141.14	10.48	-7.71	0.175	0.000	136.73	10.60	-12.26	0.243	0.000
DBP	91.77	10.55	88.46	9.12	-3.31	0.128	0.000	87.72	8.83	-4.05	0.130	0.000	84.86	8.68	-7.08	0.180	0.000
PP	57.08	10.50	53.89	8.53	-3.19	0.129	0.000	53.42	8.34	-3.66	0.132	0.000	51.88	8.76	-5.19	0.177	0.000
Prop in SBP Control	0.00	0.00	0.24	0.01	0.24	0.008	0.000	0.27	0.01	0.27	0.008	0.000	0.42	0.01	0.42	0.010	0.000
Suboptimal SBP (N)	1,259		1,259					1,259					977				
SBP	129.62	2.89	130.03	7.19	0.41	0.200	0.041	129.79	7.10	0.17	0.198	0.402	128.93	8.89	-0.76	0.290	0.009
DBP	82.20	7.77	82.16	7.26	-0.04	0.167	0.809	82.00	7.17	-0.21	0.166	0.211	81.61	7.88	-0.64	0.237	0.007

PP	47.42	7.81	47.87	7.48	0.45	0.161	0.006	47.79	7.51	0.37	0.162	0.022	47.32	8.30	-0.12	0.228	0.596
Prop in SBP Control	1.00	0.00	0.74	0.01	-0.26	0.012	0.000	0.75	0.01	-0.25	0.012	0.000	0.70	0.01	-0.30	0.015	0.000
Optimal SBP (N)	784		784					784					618				
SBP	120.33	2.75	124.44	7.38	4.11	0.259	0.000	124.32	7.32	4.00	0.257	0.000	124.97	9.14	4.68	0.369	0.000
DBP	78.37	6.82	80.28	6.63	1.91	0.203	0.000	80.18	6.57	1.82	0.207	0.000	80.42	7.32	2.00	0.296	0.000
PP	41.96	6.78	44.15	6.77	2.20	0.208	0.000	44.14	6.64	2.18	0.207	0.000	44.55	7.77	2.68	0.297	0.000
Prop in SBP Control	1.00	0.00	0.84	0.01	-0.16	0.013	0.000	0.84	0.01	-0.16	0.013	0.000	0.75	0.02	-0.25	0.017	0.000
Low SBP (N)	292		292					292					228				
SBP	108.44	6.17	117.50	8.40	9.05	0.535	0.000	117.67	8.38	9.23	0.537	0.000	120.69	9.29	12.01	0.739	0.000
DBP	72.07	7.33	76.46	7.30	4.39	0.415	0.000	76.64	7.20	4.58	0.413	0.000	78.35	7.71	6.12	0.578	0.000
PP	36.37	6.85	41.04	6.60	4.67	0.362	0.000	41.03	6.67	4.65	0.363	0.000	42.34	6.87	5.89	0.499	0.000
Prop in SBP Control	0.00	0.00	0.61	0.03	0.61	0.029	0.000	0.64	0.03	0.64	0.028	0.000	0.67	0.03	0.67	0.031	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Table S10 continued

	270 Days					360 Days					450 Days					540 Days				
	Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline			Absolute		Change from baseline		
	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P	Mean	SD	Diff	SE	P
All Patients (N)	3,782					3,410					2,993					2,611				
SBP	131.72	10.87	-6.90	0.231	0.000	131.47	10.60	-7.22	0.249	0.000	131.02	10.43	-7.56	0.270	0.000	130.99	10.31	-7.33	0.294	0.000
DBP	82.81	8.25	-4.11	0.158	0.000	82.55	8.10	-4.44	0.171	0.000	82.22	8.08	-4.66	0.183	0.000	82.07	7.94	-4.62	0.204	0.000
PP	48.91	8.84	-2.79	0.148	0.000	48.92	8.80	-2.78	0.158	0.000	48.81	8.93	-2.90	0.173	0.000	48.92	8.99	-2.70	0.185	0.000
Prop in SBP Control	0.58	0.01	0.21	0.008	0.000	0.59	0.01	0.21	0.011	0.000	0.61	0.01	0.24	0.011	0.000	0.59	0.01	0.22	0.012	0.000
High SBP (N)	2,200					2,000					1,756					1,509				
SBP	135.45	10.35	-13.59	0.270	0.000	134.86	10.19	-14.05	0.290	0.000	134.08	10.11	-14.70	0.310	0.000	134.02	10.15	-14.73	0.339	0.000
DBP	84.18	8.34	-7.73	0.196	0.000	83.74	8.18	-8.15	0.211	0.000	83.16	8.18	-8.54	0.224	0.000	82.93	8.08	-8.77	0.250	0.000
PP	51.27	8.65	-5.86	0.190	0.000	51.11	8.61	-5.90	0.202	0.000	50.92	8.84	-6.16	0.220	0.000	51.10	8.98	-5.96	0.240	0.000
Prop in SBP Control	0.47	0.01	0.47	0.011	0.000	0.50	0.01	0.50	0.011	0.000	0.53	0.01	0.53	0.012	0.000	0.50	0.01	0.50	0.013	0.000
Suboptimal SBP (N)	870					774					674					600				
SBP	128.38	8.84	-1.28	0.309	0.000	128.36	8.98	-1.28	0.331	0.000	128.54	9.01	-1.10	0.359	0.002	128.54	8.73	-1.14	0.374	0.002
DBP	81.40	7.82	-1.11	0.258	0.000	81.18	7.74	-1.35	0.279	0.000	81.18	7.81	-1.34	0.290	0.000	81.33	7.51	-1.14	0.314	0.000

PP	46.98	8.25	-0.16	0.244	0.507	47.18	8.27	0.07	0.261	0.782	47.36	8.28	0.25	0.279	0.377	47.20	8.17	0.00	0.294	0.991
Prop in SBP Control	0.72	0.02	-0.28	0.015	0.000	0.69	0.02	-0.31	0.017	0.000	0.72	0.02	-0.28	0.017	0.000	0.71	0.02	-0.30	0.019	0.000
Optimal SBP	532					477					427					370				
SBP	125.07	9.00	4.81	0.391	0.000	125.21	8.82	4.82	0.403	0.000	124.86	9.08	4.56	0.439	0.000	125.02	8.67	4.55	0.448	0.000
DBP	80.68	7.27	2.21	0.324	0.000	80.63	7.48	2.34	0.338	0.000	80.59	7.53	2.20	0.361	0.000	80.42	7.19	2.04	0.380	0.000
PP	44.39	7.39	2.59	0.299	0.000	44.57	7.59	2.48	0.323	0.000	44.27	7.98	2.35	0.366	0.000	44.61	7.88	2.51	0.377	0.000
Prop in SBP Control	0.77	0.02	-0.23	0.018	0.000	0.76	0.02	-0.24	0.020	0.000	0.75	0.02	-0.25	0.021	0.000	0.75	0.02	-0.25	0.023	0.000
Low SBP (N)	180					159					136					132				
SBP	121.96	10.35	13.17	0.848	0.000	122.82	9.81	13.70	0.893	0.000	123.20	9.12	14.51	1.002	0.000	124.13	9.45	15.91	1.026	0.000
DBP	79.26	8.31	6.93	0.589	0.000	79.92	7.78	6.92	0.647	0.000	80.26	7.98	7.49	0.770	0.000	80.27	8.90	8.27	0.864	0.000
PP	42.70	7.31	6.24	0.595	0.000	42.91	7.37	6.78	0.606	0.000	42.93	6.25	7.03	0.670	0.000	43.86	7.46	7.64	0.610	0.000
Prop in SBP Control	0.75	0.03	0.75	0.032	0.000	0.72	0.04	0.72	0.036	0.000	0.74	0.04	0.74	0.038	0.000	0.70	0.04	0.70	0.040	0.000

SD: standard deviation; SE: standard error; Diff: difference from baseline; SBP: systolic blood pressure; DBP: diastolic blood pressure; PP: pulse pressure

Supplementary Methods

Technical function of the digital therapeutics platform

The care concept of the digital therapeutics platform Blodtrycksdoktorn is based on a patient smartphone application and a clinical decision support system for doctors. The DTx platform (Accumbo Medical System), was CE marked as a class I software medical device by the Swedish Medical Products Agency according to Medical Device Directive (MDD) 93/42/EEC on 14 April 2020. This declaration is valid until 2024-04-07. Using their personal bankID the patients can log in to the smartphone application to answer several medical health related questions. Patients enters or scan their medicines in the drug list, which is then transferred to the medical record and the clinical decision system. Using the chat function in the mobile patients can communicate with their dedicated patient-responsible doctor at any time. The patients are also referred for screening of selected lab tests and instructed on how to measure their BP in a standardized manner in their home supported by a simplified instruction video in the app. Home blood pressure data are transferred via Bluetooth to the app and medical record forming a basis for continuous monitoring, medical treatment and intense behavioural coaching. Health data compiled together with medication, lab test results and individual risk factor interpretation are presented to the doctor. The patient app and the doctor's medical record reflect each other and basically contain the same information. Automatically generated feedback is reinforced through gamification and given to the patient in the app together with treatment recommendations through asynchronous physician chat communication. If medicines need to be changed, a digital prescription is sent from the doctor.

Patient characteristics

Country of birth was self-reported as free text, which was subject to unfixable errors (e.g., numerical answers) and to fixable errors (e.g., typographical errors that could be fixed). Errors that could be corrected were corrected. Categorical variables were then constructed for patients reporting birth in Sweden, birth in the ex-Swedish Nordic countries, birth in ex-Nordic EU countries, birth in Europe outside the EU and Nordic, birth in Africa, birth in Asia, birth in North America, birth in Oceania, and birth in South America) following the classifications of the Swedish Central Bureau of Statistics. Subjects reporting a different origin for their parents were assigned to the origin of their parents. Adopted patients with reported country of birth were assigned to the birth country. Patients with not complete data were assigned to missing.

Endpoints

Additional endpoints included high consumption of salt (defined as self-reported “often use of salt on food”), and high consumption of licorice (defined as “a lot” or “pretty high” self-reported consumption of licorice). In addition, blood samples for analyses of total cholesterol, low-density lipoprotein (LDL), high-density lipoprotein (HDL), and plasma glucose were collected at baseline and annually thereafter.