

Supplementary material:

Details on HES:

The national registry of hospital admissions (HES) data contain details of all admissions to National Health Service (NHS) hospitals in England. The patients include private patients and those treated in NHS hospitals residing outside of England, as well as care delivered by treatment centres (including the independent sector) funded by the NHS. All NHS trusts in England, including acute hospitals, primary care trusts and mental health trusts are included. HES data are administrative data, designed to enable secondary use for healthcare analyses. The data are collected during a patient's time at hospital and are used to allow hospitals to be paid for the care they deliver. As the data are extracted from patients' notes, they may also reflect the quality of clinical record keeping. For each hospitalised patient, the hospital charts are reviewed, dates of admission and discharge and main diagnoses are extracted, coded by coding staff and collated nationally into HES.

Table S1: Incidence of cardiovascular outcomes for the cohort of AF patients eligible for linkage: Sensitivity Analyses - CPRD Read codes (N=16,513)

Table S2: Incidence of bleeding outcomes overall and in relation to VKA use for the cohort of AF patients eligible for linkage: Sensitivity analyses – Published ICD-10 codes (Hansen 2010, Olesen 2011)

Table S3: List of ICD-10 codes of bleeding definition

Table S4: Read codes for the definition of atrial fibrillation (AF)

Table S5: Comparison between total AF population in CPRD and the AF population eligible for HES/ONS linkage

Table S1:

Event	N of Outcome Events	Person years	Incidence# (95% CI)	N of Outcome Events	Person years	Incidence# (95% CI)	N of Outcome Events	Person years	Incidence# (95% CI)	N of Outcome Events	Person years	Incidence# (95% CI)	N of Outcome Events	Person years	Incidence# (95% CI)
	Overall			Current Use			Recent Use			Past Use			No use		
Vascular	1436	29854	4.8 (4.6 - 5.1)	272	10776	2.5 (2.2 - 2.8)	78	2183	3.6 (2.8 - 4.5)	151	3577	4.2 (3.6 - 5.0)	935	13319	7.0 (6.6 - 7.5)
Fatal^a Vascular	111	29854	0.4 (0.3 - 0.4)	23	10776	0.2 (0.1 - 0.3)	15	2183	0.7 (0.4 - 1.1)	9	3577	0.3 (0.1 - 0.5)	64	13319	0.5 (0.4 - 0.6)
Non-fatal Vascular	1325	29854	4.4 (4.2 - 4.7)	249	10776	2.3 (2.0 - 2.6)	63	2183	2.9 (2.2 - 3.7)	142	3577	4.0 (3.3 - 4.7)	871	13319	6.5 (6.1 - 7.0)
MI	518	31176	1.7 (1.5 - 1.8)	101	11419	0.9 (0.7 - 1.1)	19	2300	0.8 (0.5 - 1.3)	50	3723	1.3 (1.0 - 1.8)	348	13734	2.5 (2.3 - 2.8)
Fatal MI	57	31176	0.2 (0.1 - 0.2)	12	11419	0.1 (0.1 - 0.2)	5	2300	0.2 (0.1 - 0.5)	2	3723	¥	38	13734	0.3 (0.2 - 0.4)
Non-fatal MI	461	31176	1.5 (1.3 - 1.6)	89	11419	0.8 (0.6 - 1.0)	14	2300	0.6 (0.3 - 1.0)	48	3723	1.3 (1.0 - 1.7)	310	13734	2.3 (2.0 - 2.5)
Stroke	937	30599	3.1 (2.9 - 3.3)	173	11025	1.6 (1.3 - 1.8)	62	2243	2.8 (2.1 - 3.5)	102	3675	2.8 (2.3 - 3.4)	600	13657	4.4 (4.0 - 4.8)
<i>Haemorrhagic</i>	62	31884	0.2 (0.1 - 0.2)	19	11643	0.2 (0.1 - 0.3)	7	2353	0.3 (0.1 - 0.6)	5	3821	¥	31	14067	0.2 (0.1 - 0.3)
<i>Ischemic</i>	682	30936	2.2 (2.0 - 2.4)	128	11163	1.1 (1.0 - 1.4)	43	2267	1.9 (1.4 - 2.6)	81	3717	2.2 (1.7 - 2.7)	430	13789	3.1 (2.8 - 3.4)
<i>Unspecified</i>	241	31603	0.8 (0.7 - 0.9)	39	11522	0.3 (0.2 - 0.5)	17	2333	0.7 (0.4 - 1.2)	19	3788	0.5 (0.3 - 0.8)	166	13959	1.2 (1.0 - 1.4)
Fatal Stroke	57	30599	0.2 (0.1 - 0.2)	13	11025	0.1 (0.1 - 0.2)	10	2243	0.4 (0.2 - 0.8)	8	3675	0.2 (0.1 - 0.4)	26	13657	0.2 (0.1 - 0.3)
<i>Haemorrhagic</i>	15	31884	¥	9	11643	¥	1	2353	¥	2	3821	¥	3	14067	¥
<i>Ischemic</i>	22	30936	¥	3	11163	¥	3	2267	¥	3	3717	¥	13	13789	0.1 (0.1 - 0.2)
<i>Unspecified</i>	25	31603	0.1 (0.1 - 0.1)	5	11522	¥	6	2333	0.3 (0.1 - 0.6)	3	3788	¥	11	13959	¥
Non-fatal Stroke	880	30599	2.9 (2.7 - 3.1)	160	11025	1.5 (1.2 - 1.7)	52	2243	2.3 (1.7 - 3.0)	94	3675	2.6 (2.1 - 3.1)	574	13657	4.2 (3.9 - 4.6)
<i>Haemorrhagic</i>	47	31884	0.1 (0.1 - 0.2)	10	11643	¥	6	2353	0.3 (0.1 - 0.6)	3	3821	¥	28	14067	0.2 (0.1 - 0.3)
<i>Ischemic</i>	660	30936	2.1 (2.0 - 2.3)	125	11163	1.1 (0.9 - 1.3)	40	2267	1.8 (1.3 - 2.4)	78	3717	2.1 (1.7 - 2.6)	417	13789	3.0 (2.7 - 3.3)
<i>Unspecified</i>	216	31603	0.7 (0.6 - 0.8)	34	11522	0.3 (0.2 - 0.4)	11	2333	0.5 (0.3 - 0.8)	16	3788	0.4 (0.2 - 0.7)	155	13959	1.1 (0.9 - 1.3)
SPAE	29	31897	0.1 (0.1 - 0.1)	11	11633	¥	0	2354	¥	4	3828	¥	14	14082	0.1 (0.1 - 0.2)
Fatal SPAE	1	31897	¥	0	11633	¥	0	2354	¥	1	3828	¥	0	14082	¥
Non-fatal SPAE	28	31897	0.1 (0.1 - 0.1)	11	11633	¥	0	2354	¥	3	3828	¥	14	14082	0.1 (0.1 - 0.2)

Number of cases per 100 person years

^a Fatal events were those where the date of death from the CPRD algorithm was within 10 days of the outcome

Table S2:

Event	N of Outcome Events	Person years	Incidence# (95% CI)	N of Outcome Events	Person years	Incidence# (95% CI)	N of Outcome Events	Person years	Incidence# (95% CI)	N of Outcome Events	Person years	Incidence# (95% CI)	N of Outcome Events	Person years	Incidence# (95% CI)
	Overall			Current Use			Recent Use			Past Use			No use		
All Bleed	782	31004	2.5 (2.3 - 2.7)	335	11340	3.0 (2.6 - 3.3)	77	2262	3.4 (2.7 - 4.3)	71	3637	2.0 (1.5 - 2.5)	299	13765	2.2 (1.9 - 2.4)
<i>Intracranial Bleed</i>	120	31854	0.4 (0.3 - 0.5)	46	11654	0.4 (0.3 - 0.5)	15	2353	0.6 (0.4 - 1.1)	8	3811	0.2 (0.1 - 0.4)	51	14036	0.4 (0.3 - 0.5)
<i>Extra-cranial Bleed</i>	662	31090	2.1 (2.0 - 2.3)	289	11349	2.5 (2.3 - 2.9)	62	2268	2.7 (2.1 - 3.5)	63	3657	1.7 (1.3 - 2.2)	248	13816	1.8 (1.6 - 2.0)
<i>GI Bleed</i>	209	31703	0.7 (0.6 - 0.8)	64	11609	0.6 (0.4 - 0.7)	18	2342	0.8 (0.5 - 1.2)	23	3768	0.6 (0.4 - 0.9)	104	13984	0.7 (0.6 - 0.9)
Fatal Bleed	64	31004	0.2 (0.2 - 0.3)	27	11340	0.2 (0.2 - 0.3)	9	2262	0.4 (0.2 - 0.8)	6	3637	0.2 (0.1 - 0.4)	22	13765	0.2 (0.1 - 0.2)
<i>Intracranial Bleed</i>	45	31854	0.1 (0.1 - 0.2)	23	11654	0.2 (0.1 - 0.3)	6	2353	0.3 (0.1 - 0.6)	5	3811	0.1 (0.0 - 0.3)	11	14036	0.1 (0.0 - 0.1)
<i>Extra-cranial Bleed</i>	19	31090	0.1 (0.0 - 0.1)	4	11349	0.0 (0.0 - 0.1)	3	2268	0.1 (0.0 - 0.4)	1	3657	0.0 (0.0 - 0.2)	11	13816	0.1 (0.0 - 0.1)
<i>GI Bleed</i>	17	31703	0.1 (0.0 - 0.1)	3	11609	0.0 (0.0 - 0.1)	3	2342	0.1 (0.0 - 0.4)	1	3768	0.0 (0.0 - 0.1)	10	13984	0.1 (0.0 - 0.1)
Non-Fatal Bleed	718	31004	2.3 (2.1 - 2.5)	308	11340	2.7 (2.4 - 3.0)	68	2262	3.0 (2.3 - 3.8)	65	3637	1.8 (1.4 - 2.3)	277	13765	2.0 (1.8 - 2.3)
<i>Intracranial Bleed</i>	75	31854	0.2 (0.2 - 0.3)	23	11654	0.2 (0.1 - 0.3)	9	2353	0.4 (0.2 - 0.7)	3	3811	0.1 (0.0 - 0.2)	40	14036	0.3 (0.2 - 0.4)
<i>Extra-cranial Bleed</i>	643	31090	2.1 (1.9 - 2.2)	285	11349	2.5 (2.2 - 2.8)	59	2268	2.6 (2.0 - 3.4)	62	3657	1.7 (1.3 - 2.2)	237	13816	1.7 (1.5 - 1.9)
<i>GI Bleed</i>	192	31703	0.6 (0.5 - 0.7)	61	11609	0.5 (0.4 - 0.7)	15	2342	0.6 (0.4 - 1.1)	22	3768	0.6 (0.4 - 0.9)	94	13984	0.7 (0.5 - 0.8)

Number of cases per 100 person years

Table S3:

ICD Code	ICD Term	Type	included in literature definition
I85.0	Oesophageal varices with bleeding	gastrointestinal	-
K25.0	Gastric ulcer, acute with haemorrhage	gastrointestinal	+
K25.2	Gastric ulcer, acute with both haemorrhage and perforation	gastrointestinal	-
K25.4	Gastric ulcer, chronic or unspecified with haemorrhage	gastrointestinal	+
K25.6	Chronic or unspecified with both haemorrhage and perforation	gastrointestinal	-
K26.0	Duodenal ulcer, acute with haemorrhage	gastrointestinal	+
K26.2	Duodenal ulcer, acute with both haemorrhage and perforation	gastrointestinal	-
K26.4	Duodenal ulcer, chronic or unspecified with haemorrhage	gastrointestinal	+
K26.6	Chronic or unspecified with both haemorrhage and perforation	gastrointestinal	-
K27.0	Peptic ulcer, acute with haemorrhage	gastrointestinal	+
K27.2	Peptic ulcer, acute with both haemorrhage and perforation	gastrointestinal	-
K27.4	Peptic ulcer, chronic or unspecified with haemorrhage	gastrointestinal	-
K27.6	Chronic or unspecified with both haemorrhage and perforation	gastrointestinal	-
K28.0	Gastrojejunal ulcer, acute with haemorrhage	gastrointestinal	+
K28.2	Acute with both haemorrhage and perforation	gastrointestinal	-
K28.4	Gastrojejunal ulcer, chronic or unspecified with haemorrhage	gastrointestinal	-
K28.6	Chronic or unspecified with both haemorrhage and perforation	gastrointestinal	-
K29.0	Acute haemorrhagic gastritis	gastrointestinal	-
K62.5	Haemorrhage of anus and rectum	gastrointestinal	-
K66.1	Haemoperitoneum	gastrointestinal	-
K92.0	Haematemesis	gastrointestinal	+
K92.1	Melaena	gastrointestinal	+
K92.2	Gastrointestinal haemorrhage, unspecified	gastrointestinal	+
I60	Subarachnoid haemorrhage	Intracranial_bleed	+
I60.0	Subarachnoid haemorrhage from carotid siphon and bifurcation	Intracranial_bleed	+
I60.1	Subarachnoid haemorrhage from middle cerebral artery	Intracranial_bleed	+
I60.2	Subarachnoid haemorrhage from anterior communicating artery	Intracranial_bleed	+
I60.3	Subarachnoid haemorrhage from posterior communicating artery	Intracranial_bleed	+
I60.4	Subarachnoid haemorrhage from basilar artery	Intracranial_bleed	+
I60.5	Subarachnoid haemorrhage from vertebral artery	Intracranial_bleed	+
I60.6	Subarachnoid haemorrhage from other intracranial arteries	Intracranial_bleed	+
I60.7	Subarachnoid haemorrhage from intracranial artery, unspec	Intracranial_bleed	+
I60.8	Other subarachnoid haemorrhage	Intracranial_bleed	+
I60.9	Subarachnoid haemorrhage, unspecified	Intracranial_bleed	+
I61	Intracerebral haemorrhage	Intracranial_bleed	+
I61.0	Intracerebral haemorrhage in hemisphere, subcortical	Intracranial_bleed	+
I61.1	Intracerebral haemorrhage in hemisphere, cortical	Intracranial_bleed	+
I61.2	Intracerebral haemorrhage in hemisphere, unspecified	Intracranial_bleed	+
I61.3	Intracerebral haemorrhage in brain stem	Intracranial_bleed	+
I61.4	Intracerebral haemorrhage in cerebellum	Intracranial_bleed	+
I61.5	Intracerebral haemorrhage, intraventricular	Intracranial_bleed	+
I61.6	Intracerebral haemorrhage, multiple localized	Intracranial_bleed	+
I61.8	Other intracerebral haemorrhage	Intracranial_bleed	+
I61.9	Intracerebral haemorrhage, unspecified	Intracranial_bleed	+
I62	Other nontraumatic intracranial haemorrhage	Intracranial_bleed	+
I62.0	Subdural haemorrhage (acute)(nontraumatic)	Intracranial_bleed	+
I62.1	Nontraumatic extradural haemorrhage	Intracranial_bleed	+
I62.9	Intracranial haemorrhage (nontraumatic), unspecified	Intracranial_bleed	+
I69.0	Sequelae of subarachnoid haemorrhage	Intracranial_bleed	+
I69.1	Sequelae of intracerebral haemorrhage	Intracranial_bleed	+
I69.2	Sequelae of other nontraumatic intracranial haemorrhage	Intracranial_bleed	+
S06.4	Epidural haemorrhage	Intracranial_bleed	+

S06.5	Traumatic subdural haemorrhage	Intracranial_bleed	+
S06.6	Traumatic subarachnoid haemorrhage	Intracranial_bleed	+
J94.2	Haemothorax	Airway_bleed	+
R04	Haemorrhage from respiratory passages	Airway_bleed	+
R04.0	Epistaxis	Airway_bleed	+
R04.1	Haemorrhage from throat	Airway_bleed	+
R04.2	Haemoptysis	Airway_bleed	+
R04.8	Haemorrhage from other sites in respiratory passages	Airway_bleed	+
R04.9	Haemorrhage from respiratory passages, unspecified	Airway_bleed	+
N02	Recurrent and persistent haematuria	Urinarytract_bleed	+
N02.6	Recurrent and persistent haematuria, dense deposit disease	Urinarytract_bleed	+
N02.8	Recurrent and persistent haematuria, other	Urinarytract_bleed	+
N02.9	Recurrent and persistent haematuria, unspecified	Urinarytract_bleed	+
R31	Unspecified haematuria	Urinarytract_bleed	+
D68.3	Haemorrhagic disorder due to circulating anticoagulants	blood	-
H35.6	Retinal haemorrhage	eyes	-
H43.1	Vitreous haemorrhage	eyes	-
H45.0	Vitreous haemorrhage in diseases classified elsewhere	eyes	-
H92.2	Otorrhagia	ear	-
I23.0	Haemopericardium as curr comp folow acut myocard infarct	heart	-
I31.2	Haemopericardium, not elsewhere classified	heart	-
I71.1	Thoracic aortic aneurysm, ruptured	thorax	-
I71.3	Abdominal aortic aneurysm, ruptured	abdomen	-
I71.5	Thoracoabdominal aortic aneurysm, ruptured	abdomen	-
I71.8	Aortic aneurysm of unspecified site, ruptured	unknown	-
I84.1	Internal haemorrhoids with other complications	rectum	-
I84.3	External thrombosed haemorrhoids	rectum	-
I84.4	External haemorrhoids with other complications	rectum	-
I84.8	Unspecified haemorrhoids with other complications	rectum	-
N42.1	Congestion and haemorrhage of prostate	kidney	-
N83.6	Haematosalpinx	kidney	-
N85.7	Haematometra	kidney	-
N89.7	Haematocolpos	kidney	-
N92.1	Excessive and frequent menstruation with irregular cycle	uterus	-
N92.5	Other specified irregular menstruation	uterus	-
N92.6	Irregular menstruation, unspecified	uterus	-
N93	Other abnormal uterine and vaginal bleeding	uterus	-
N93.8	Other specified abnormal uterine and vaginal bleeding	uterus	-
N93.9	Abnormal uterine and vaginal bleeding, unspecified	uterus	-
N95.0	Postmenopausal bleeding	uterus	-
R23.3	Spontaneous ecchymoses	respiratory	-
R58	Haemorrhage, not elsewhere classified	respiratory	-
T79.2	Traumatic secondary and recurrent haemorrhage	unknown	-
T81.0	Haemorrhage and hematoma complicating a procedure NEC	unknown	-

Table S4:

Read code	Read term
3272.00	ECG: atrial fibrillation
6625.00	Atrial fibrillation monitoring
6A9..00	Atrial fibrillation annual review
7936A00	Implant intravenous pacemaker for atrial fibrillation
90s..00	Atrial fibrillation monitoring administration
90s0.00	Atrial fibrillation monitoring first letter
90s1.00	Atrial fibrillation monitoring second letter
90s2.00	Atrial fibrillation monitoring third letter
90s3.00	Atrial fibrillation monitoring verbal invite
90s4.00	Atrial fibrillation monitoring telephone invite
G573.00	Atrial fibrillation and flutter
G573000	Atrial fibrillation
G573200	Paroxysmal atrial fibrillation
G573300	Non-rheumatic atrial fibrillation
G573400	Permanent atrial fibrillation
G573500	Persistent atrial fibrillation
G573z00	Atrial fibrillation and flutter NOS

Table S5:

Characteristic	All incident AF patients	AF patients eligible for HES/Ons linkage
	N=42,008	N=16,513
Length of follow-up (years): Mean (sd)	2.4 (1.6)	1.9 (1.4)
Length of follow-up (years): Median (Range)	2.2 (0 – 6)	1.7 (0 – 5)
Age: Mean (sd)	74 (12)	74 (12.0)
Age: Median (Range)	76 (18 – 107)	76 (21 – 107)
Age <40	502 (1.2%)	192 (1.2%)
Age 40 - <50	1,217 (2.9%)	462 (2.8%)
Age 50 - <65	6,609 (15.7%)	2,549 (15.4%)
Age 65 - <75	10,656 (25.4%)	4,120 (25.0%)
Age 75 - <80	7,458 (17.8%)	2,913 (17.6%)
Age >=80	15,566 (37.1%)	6,277 (38.0%)
Female	19,934 (47.5%)	7,921 (48.0%)
Male	22,074 (52.5%)	8,592 (52.0%)
Year of Diagnosis		
2005	8,065 (19.2%)	3,443 (20.9%)
2006	8,454 (20.1%)	3,516 (21.3%)
2007	8,075 (19.2%)	3,428 (20.8%)
2008	8,125 (19.3%)	3,548 (21.5%)
2009	8,027 (19.1%)	2,578 (15.6%)
BMI: Mean (sd)	28 (6)	28 (6)
BMI: Median (Range)	27 (12 – 70)	27 (12 – 70)
BMI <25	13,216 (31.5%)	5,312 (32.2%)
BMI 25 - <30	14,237 (33.9%)	5,611 (34.0%)
BMI 30 - <35	7,306 (17.4%)	2,821 (17.1%)
BMI >=35	3,950 (9.4%)	1,532 (9.3%)
BMI: Unknown	3,299 (7.9%)	1,237 (7.5%)
Smoking Status		
Non Smoker	17,391 (41.4%)	6,822 (41.3%)
Ex Smoker	18,694 (44.5%)	7,470 (45.2%)
Smoker	5,235 (12.5%)	2,003 (12.1%)
Smoking Status: Unknown	688 (1.6%)	218 (1.3%)
Drinking Status		
Non Drinker	4,713 (11.2%)	1,692 (10.2%)
Ex Drinker	4,251 (10.1%)	1,623 (9.8%)
Drinker	28,749 (68.4%)	11,601 (70.3%)
Drinking Status: Unknown	4,295 (10.2%)	1,597 (9.7%)
Patient Deprivation		
0 (Least Deprived)	3,342 (8.0%)	2,753 (16.7%)
1	3,403 (8.1%)	2,896 (17.5%)
2	3,133 (7.5%)	2,635 (16.0%)
3	2,931 (7.0%)	2,451 (14.8%)
4 (Most Deprived)	2,653 (6.3%)	2,226 (13.5%)
Patient Deprivation: Unknown	26,546 (63.2%)	3,552 (21.5%)
CHADS2 risk score: Mean (sd)	1.48 (1.18)	1.50 (1.18)
CHADS2 risk score: Median (IQR)	1 (1-2)	1 (1-2)
0	9,086 (21.6%)	3,493 (21.2%)
1	14,080 (33.5%)	5,508 (33.4%)
2	11,544 (27.5%)	4,605 (27.9%)

	3	4,498 (10.7%)	1,778 (10.8%)
	4	2,157 (5.1%)	846 (5.1%)
	5	588 (1.4%)	260 (1.6%)
	6	55 (0.1%)	23 (0.1%)
CHADS2-Vasc risk score: Mean (sd)		3.01 (1.76)	3.04 (1.77)
CHADS2-Vasc risk score: Median (IQR)		3 (2-4)	3 (2-4)
	0	3,294 (7.8%)	1,258 (7.6%)
	1	5,195 (12.4%)	1,974 (12.0%)
	2	7,978 (19.0%)	3,099 (18.8%)
	3	10,244 (24.4%)	4,049 (24.5%)
	4	7,996 (19.0%)	3,234 (19.6%)
	5	3,330 (7.9%)	1,290 (7.8%)
	6	2,203 (5.2%)	861 (5.2%)
	7	1,389 (3.3%)	587 (3.6%)
	8	353 (0.8%)	153 (0.9%)
	9	26 (0.1%)	8 (0.0%)
<u>History of[1]:</u>			
	Acute myocardial infarction	4,089 (9.7%)	1,621 (9.8%)
	Stroke	4,519 (10.8%)	1,844 (11.2%)
	SPAE	115 (0.3%)	49 (0.3%)
	Vascular event	8,098 (19.3%)	3,273 (19.8%)
	CAD	7,201 (17.1%)	2,776 (16.8%)
	CHF	3,415 (8.1%)	1,357 (8.2%)
	Hypertension	20,458 (48.7%)	8,113 (49.1%)
	Diabetes	6,625 (15.8%)	2,526 (15.3%)
	Liver Impairment	808 (1.9%)	337 (2.0%)
	Renal Impairment	6,531 (15.5%)	2,513 (15.2%)
<u>Treatment with[2]:</u>			
	Anti-arrhythmics	3,372 (8.0%)	1,422 (8.6%)
	Statins	14,908 (35.5%)	5,722 (34.7%)
	Antiplatelets	20,935 (49.8%)	8,148 (49.3%)
	Aspirin	19,519 (46.5%)	7,599 (46.0%)
	<i>Low dose aspirin (<100mg)</i>	18,841 (44.9%)	7,331 (44.4%)
	<i>High dose aspirin (100mg+)</i>	881 (2.1%)	346 (2.1%)
	Clopidogrel	2,130 (5.1%)	816 (4.9%)
	Other anti-platelets	884 (2.1%)	309 (1.9%)
	Anticoagulants	4,796 (11.4%)	1,816 (11.0%)
	Anti-diabetics	3,876 (9.2%)	1,498 (9.1%)
	Oral anti-diabetics	3,374 (8.0%)	1,301 (7.9%)
	Insulin	937 (2.2%)	365 (2.2%)
	Other injectable anti-diabetics	6 (<0.1%)	2 (<0.1%)
	<u>Antihypertensives[3]</u>	27,250 (64.9%)	10,747 (65.1%)

[1] Comorbidities were measured prior to the index date in GPRD.

[2] Treatments are measured in the 90 days prior to index date.

[3] Antihypertensives include Angiotensin-converting enzyme inhibitors, Angiotensin-II receptor antagonists, Beta-adrenoceptor blocking drugs, Calcium channel blockers, Centrally-acting antihypertensive drugs, Diuretics with potassium, Thiazides and related diuretics.