

## SUPPLEMENTARY DATA

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**Supplementary Table 1:** Glucose-lowering drugs and other treatments at baseline and end of follow-up, by region

Region/variable	Baseline		End of Follow-up	
	Intensive control	Standard control	Intensive control	Standard control
<b>Asia</b>	n = 2069	n = 2067	n = 1882	n = 1817
<i>Glucose lowering drugs</i>				
Any oral glucose lowering drug – n (%)	1959 (94.7)	1967 (95.2)	1840 (98.8)	1569 (87.6)
Gliclazide – n (%)	81 (3.9)	78 (3.8)	1797 (96.5)	3 (0.2)
Other sulfonylureas – n (%)	1502 (72.6)	1546 (74.8)	13 (0.7)	1032 (57.6)
Metformin – n (%)	1320 (63.8)	1319 (63.8)	1421 (76.3)	1099 (61.4)
Thiazolidinedione – n (%)	54 (1.1)	44 (2.6)	263 (14.1)	126 (7.0)
Acarbose – n (%)	313 (15.1)	282 (13.6)	682 (36.6)	464 (25.9)
Glinide – n (%)	23 (1.1)	17 (0.8)	21 (1.1)	76 (4.2)
Insulin Therapy – n (%)	33 (1.6)	33 (1.6)	970 (52.1)	555 (31.0)
No glucose lowering drug – n (%)	102 (5)	89 (4.4)	7 (0.8)	48 (3.9)
<i>Other drugs</i>				
Aspirin – n (%)	873 (42.2)	861 (41.7)	965 (51.8)	860 (48.0)
Other antiplatelet agents – n (%)	89 (4.3)	79 (3.8)	101 (5.4)	83 (4.6)
Statins – n (%)	237 (11.5)	221 (10.7)	324 (17.4)	332 (18.5)
Other lipid-modifying drug – n (%)	209 (10.1)	161 (7.8)	107 (5.7)	91 (5.1)
Any blood pressure-lowering drug – n (%)	1389 (67.1)	1423 (68.8)	1551 (84.4)	1588 (85.4)
<b>Established Market Economies</b>	n = 2431	n = 2431	n = 2075	n = 2033
<i>Glucose lowering drugs</i>				
Any oral glucose lowering drug – n (%)	2147 (88.3)	2133 (87.7)	1871 (95.3)	1677 (88.0)
Gliclazide – n (%)	148 (6.1)	142 (5.8)	1629 (83.0)	63 (3.3)
Other sulfonylureas – n (%)	1424 (58.6)	1404 (57.8)	52 (2.7)	1021 (53.6)
Metformin – n (%)	1560 (64.2)	1546 (63.6)	1442 (73.5)	1406 (73.8)
Thiazolidinedione – n (%)	154 (6.3)	146 (6.0)	463 (23.6)	341 (17.9)
Acarbose – n (%)	106 (4.4)	95 (3.9)	101 (5.2)	53 (2.8)
Glinide – n (%)	70 (2.9)	50 (2.1)	37 (1.9)	41 (2.2)
Insulin Therapy – n (%)	29 (1.2)	21 (0.9)	657 (33.5)	399 (20.9)

SUPPLEMENTARY DATA

No glucose lowering drug – n (%)	283 (11.8)	296 (12.3)	30 (2.3)	129 (8.6)
<i>Other drugs</i>				
Aspirin – n (%)	1101 (45.3)	1119 (46)	1195 (60.9)	1149 (60.3)
Other antiplatelet agents – n (%)	130 (5.4)	106 (4.4)	192 (9.8)	157 (8.1)
Statins – n (%)	1070 (44)	1100 (45.3)	1408 (71.8)	1417 (74.4)
Other lipid-modifying drug – n (%)	195 (8)	181 (7.5)	162 (8.3)	155 (8.1)
Any blood pressure-lowering drug – n (%)	1827 (75.2)	1790 (73.6)	1862 (89.7)	1800 (88.5)
<b>Eastern Europe</b>	n = 1071	n = 1071	n = 871	n = 891
<i>Glucose lowering drugs</i>				
Any oral glucose lowering drug – n (%)	978 (91.3)	945 (88.2)	814 (95.4)	755 (87.2)
Gliclazide – n (%)	193 (18)	223 (20.8)	758 (88.9)	14 (1.6)
Other sulfonylureas – n (%)	652 (60.9)	563 (52.6)	24 (2.8)	553 (63.9)
Metformin – n (%)	517 (48.3)	490 (45.8)	592 (69.4)	552 (63.7)
Thiazolidinedione – n (%)	3 (0.3)	6 (0.6)	62 (7.3)	28 (3.2)
Acarbose – n (%)	93 (8.7)	71 (6.6)	108 (12.7)	59 (6.8)
Glinide – n (%)	10 (0.9)	17 (1.6)	0 (0)	10 (1.2)
Insulin Therapy – n (%)	20 (1.9)	23 (2.2)	326 (38.2)	188 (21.7)
No glucose lowering drug – n (%)	93 (8.9)	125 (11.9)	5 (1.0)	43 (6.3)
<i>Other drugs</i>				
Aspirin – n (%)	486 (45.4)	455 (42.5)	505 (59.6)	494 (57.1)
Other antiplatelet agents – n (%)	52 (4.9)	50 (4.7)	40 (4.7)	47 (5.4)
Statins – n (%)	247 (23.1)	271 (25.3)	399 (47.1)	425 (49.1)
Other lipid-modifying drug – n (%)	97 (9.1)	93 (8.7)	57 (6.7)	71 (8.2)
Any blood pressure-lowering drug – n (%)	967 (90.3)	969 (90.5)	824 (94.6)	839 (94.2)

## SUPPLEMENTARY DATA

**Supplementary Table 2:** Region of study center against self-reported ethnicity

Region of study center	Ethnicity			
	Asian	Caucasian/European	Other*	Total
Asia	4124 (99.7%)	8 (0.2%)	4 (0.1%)	4136
Established market economies	118 (2.4%)	4539 (93.4%)	205 (4.2%)	4862
Eastern Europe	0	2138 (99.8%)	4 (0.2%)	2142
Total	4242 (38.1%)	6685 (60.0%)	213 (1.9%)	11140

\* Other includes the following self-reported responses: Australian (aboriginal), Maori/Polynesian, North-American Indian, Arabic, African, Mixed, Other.

## SUPPLEMENTARY DATA

**Supplementary Table 3:** Baseline values by Caucasian/European and Asian ethnicities

Variable	Measure	Caucasian/European (n = 6685)	Asian (n = 4242)
Age	Mean (SD)	66.6 ( 6.7)	64.5 ( 5.7)
Women	n (%)	2712 (40.6)	1948 (45.9)
Age when diabetes first diagnosed	Mean (SD)	59.1 ( 8.7)	56.1 ( 8.3)
Duration of diabetes	Median (Q1-Q3)	6 (3 – 11)	8 (3 – 12)
History of macrovascular disease:	n (%)	2230 (33.4)	1303 (30.7)
Myocardial infarction	n (%)	1031 (15.4)	284 ( 6.7)
Stroke	n (%)	429 ( 6.4)	577 (13.6)
Other	n (%)	5308 (79.4)	3423 (80.7)
History of microvascular disease:	n (%)	603 ( 9.0)	509 (12.0)
Macroalbuminuria	n (%)	208 ( 3.1)	179 ( 4.2)
Microvascular eye disease	n (%)	415 ( 6.2)	353 ( 8.3)
History of microalbuminuria	n (%)	1487 (23.6)	1313 (31.8)
Current smoking	n (%)	947 (14.2)	566 (13.3)
Body mass index	Mean (SD)	30.2 ( 5.1)	25.3 ( 3.4)
Waist circumference	Mean (SD)	103.8 (12.4)	90.2 ( 9.5)
Fasting blood glucose	Mean (SD)	8.5 ( 2.6)	8.6 ( 3.0)
HbA1c non-standardised	Mean (SD)	7.4 ( 1.4)	7.8 ( 1.8)
HbA1c standardised	Mean (SD)	7.3 ( 1.5)	7.7 ( 1.9)
Systolic blood pressure	Mean (SD)	147.7 (21.1)	141.0 (21.6)
Diastolic blood pressure	Mean (SD)	81.8 (10.8)	78.8 (10.9)
Serum LDL cholesterol	Mean (SD)	3.1 ( 1.0)	3.2 ( 1.0)
Serum HDL cholesterol	Mean (SD)	1.2 ( 0.3)	1.3 ( 0.4)
Serum triglycerides	Median (Q1-Q3)	1.70 (1.20-2.30)	1.60 (1.10-2.30)
Serum creatinine	Median (Q1-Q3)	86 (74 – 99)	80 (66 – 96)
Urinary albumin:creatinine ratio	Median (Q1-Q3)	12.4 (6.1 - 32.5)	18.0 (8.8 - 49.5)
One or more oral glucose lowering drugs	n (%)	5906 (88.4)	4024 (94.9)
Gliclazide	n (%)	689 (10.3)	163 ( 3.8)
Sulphonylureas	n (%)	3834 (57.4)	3118 (73.5)
Metformin	n (%)	3868 (57.9)	2721 (64.1)
Thiazolidinedione	n (%)	291 ( 4.4)	108 ( 2.5)
Arcabose	n (%)	359 ( 5.4)	593 (14.0)
Glinide	n (%)	140 ( 2.1)	43 ( 1.0)
Insulin therapy	n (%)	88 ( 1.3)	68 ( 1.6)
No glucose lowering drugs	n (%)	774 (11.6)	199 ( 4.7)
Aspirin	n (%)	3030 (45.3)	1779 (41.9)
Other antiplatelet agents	n (%)	329 ( 4.9)	171 ( 4.0)
Statins	n (%)	2561 (38.3)	501 (11.8)
Other lipid-modifying drug	n (%)	545 ( 8.2)	377 ( 8.9)

## SUPPLEMENTARY DATA

**Supplementary Table 4:** Treatment effects for Caucasian/European and Asian ethnicities

Endpoint	Ethnic group	Intensive group	Standard group	Relative risk reduction (95% CI)
Combined macro+microvascular	Caucasian/European	563 (16.8%)	590 (17.7%)	0.94 (0.84, 1.06)
	Asian	421 (19.9%)	494 (23.2%)	0.85 (0.74, 0.96)
Macrovascular disease	Caucasian/European	343 (10.2%)	359 (10.8%)	0.95 (0.82, 1.10)
	Asian	204 ( 9.6%)	221 (10.4%)	0.93 (0.77, 1.12)
Microvascular disease	Caucasian/European	254 ( 7.6%)	265 ( 8.0%)	0.95 (0.80, 1.13)
	Asian	254 (12.0%)	315 (14.8%)	0.80 (0.68, 0.94)
All deaths	Caucasian/European	343 (10.2%)	355 (10.7%)	0.96 (0.83, 1.12)
	Asian	147 ( 6.9%)	171 ( 8.0%)	0.86 (0.69, 1.07)
Cardiovascular death	Caucasian/European	168 ( 5.0%)	191 ( 5.7%)	0.88 (0.71, 1.08)
	Asian	80 ( 3.8%)	94 ( 4.4%)	0.85 (0.63, 1.15)
Major coronary events	Caucasian/European	221 ( 6.6%)	237 ( 7.1%)	0.93 (0.77, 1.11)
	Asian	83 ( 3.9%)	93 ( 4.4%)	0.90 (0.67, 1.20)
Major cerebrovascular events	Caucasian/European	113 ( 3.4%)	113 ( 3.4%)	0.99 (0.77, 1.29)
	Asian	122 ( 5.8%)	130 ( 6.1%)	0.94 (0.73, 1.20)
New or worsening nephropathy	Caucasian/European	124 ( 3.7%)	141 ( 4.2%)	0.88 (0.69, 1.12)
	Asian	96 ( 4.5%)	136 ( 6.4%)	0.70 (0.54, 0.91)
New microalbuminuria	Caucasian/European	721 (21.5%)	781 (23.5%)	0.91 (0.82, 1.01)
	Asian	571 (7.0%)	634 (29.8%)	0.90 (0.80, 1.01)
New or worsening retinopathy	Caucasian/European	139 ( 4.1%)	135 ( 4.1%)	1.02 (0.81, 1.30)
	Asian	182 ( 8.6%)	202 ( 9.5%)	0.90 (0.74, 1.10)