**Supplementary tables**

Supplementary Table 1. Heart failure and other macrovascular complications

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| --- | --- | --- |
|  | **Patients with heart failure n=446 (22.3%)** | **Patients without heart failure n=1557 (77.7%)** |
| Men (%) | 276 (61.9) | 1033 (66.3)) |
| Age (years) | 73.6 ±10.4 (41-97) | 71.5 ±10.4 (30-100) |
| Diabetes duration (%) |  |  |
| < 5 years | 29.8 | 28.5 |
| ≥ 5-< 10 years | 31.4 | 37.3 |
| ≥ 10 years | 37.4 | 32.7 |
| ICPC-2-diagnosis codes (%) |  |  |
| K74 Ischaemic heart disease with angina pectoris | 31.4 | 33.3 |
| K75 Acute myocardial infarction | 28.3 | 25.0 |
| K76 Ischaemic heart disease without angina pectoris | 15.7 | 21.9 |
| K78 Atrial fibrillation | 37.4 | 13.4 |
| K85, K86, K87 Hypertension | 66.6 | 66.2 |
| K89/90 Transitory cerebral ischaemia/Stroke | 14.8 | 35.1 |
| K92 Atherosclerosis/peripheral vascular disease | 17.7 | 19.8 |
| Body weight (kg) | 90.7 ±22.0 (49-193) | 87.3 ±18.9 (43.0-210) |
| BMI (kg/m2) | 31.3 ±6.9 (17.6-67.0) | 29.7 ±5.6 (16.7-57.8) |
| Systolic blood pressure (mmHg) | 127.2 ±16.2 (90-180) | 132.6 ±14.9 (78-202) |
| Diastolic blood pressure (mmHg) | 74.1 ±10.1 (50-110) | 76.1 ±9.8 (45-118) |
| HbA1c (mmol/mol) | 54.1 ±15.2 (32-124) | 51.8 ±12.9 (25-138) |
| eGFR (ml/min/1.73 m2) | 62.3 ±20.9 (6-91) | 69.9 ±19.5 (11-91) |
| Total cholesterol (mmol/l) | 4.1 ±1.2 (2.0-10.0) | 4.0 ±1.0 (1.8-10.1) |
| LDL cholesterol (mmol/l) | 2.1 ±1.0 (0.2-7.4) | 2.0 ±0.9 (0.2-7.0) |
| HDL cholesterol (mmol/l) | 1.2 ±0.4 (0.5-3.0) | 1.2 ±0.4 (0.1-4.7) |
| Albuminuria (%) |  |  |
| Normoalbuminuria | 41.3 | 47.1 |
| Microalbuminuria | 19.5 | 18.4 |
| Macroalbuminuria | 2.5 | 3.9 |
| Unknown | 36.8 | 30.6 |
| Retinopathy (%) | 6.1 | 6.3 |
| Retinopathy unknown (%) | 33.2 | 28.1 |
| Treatment (%) |  |  |
| Diet | 24.9 | 20.9 |
| Metformin (mono) | 50.2 | 56.1 |
| Metformin (combination) | 5.6 | 9.7 |
| Insulin | 22.9 | 18.6 |
| Sulfonylurea | 7.4 | 8 |
| Diuretics | 77.1 | 50.2 |
| ACE-I/ARB | 69.3 | 65.2 |
| ẞ-blockers | 65.2 | 44.3 |

Supplementary Table 2. Complications and known duration of diabetes

|  |  |  |  |
| --- | --- | --- | --- |
| **Known duration of diabetes** | **<5 years** | **5-10 years** | **>10 years** |
| Retinopathy  Yes No N/A | 2.6% 62.3% 35.1% | 4.4% 66.9% 28.6% | 11.1% 64.9% 24.0% |
| Normoalbuminuria  Microalbuminuria Macroalbuminuria N/A | 45.8%  14.1% 2.8%  37.3% | 49.4%  17.4% 2.9%  30.3% | 42.6%  24.1%  4.9%  28.4% |
| K74 Ischemic heart disease with angina | 29.9% | 32.6% | 35.8% |
| K75 Acute myocardial infarction | 24.3% | 24.7% | 28.0% |
| K76 Ischemic heart disease without angina | 22.2% | 18.3% | 21.0% |
| K77 Heart failure | 23.1% | 19.4% | 24.7% |
| K78 Atrial fibrillation | 18.6% | 18.8% | 18.8% |
| K89-90 Transitory cerebral ischemia/Stroke | 30.9% | 34.4% | 26.2% |
| K92 Atherosclerosis/Peripheral vascular disease | 14.1% | 18.2% | 24.7% |
| K85, K86, K87 Hypertension | 62.0% | 66.9% | 69.7% |

Numbers are proportions of patients