**S2 Table. Results of the process and outcome measurements for women under 75 years of age.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **1998** | **2000** | **2002** | **2004** | **2006** | **2008** | **2010** | **2013** | **P value for trend** |
| N | 903 | 400 | 606 | 2185 | 6195 | 9500 | 14192 | 19523 |  |
| Age (years) | 63.3(62.7 – 63.8) | 63.2(62.4 – 64.0) | 62.6(61.9 – 63.3) | 62.5(62.2 – 62.9) | 62.2(61.9 – 62.4) | 62.2(62.0 – 62.4) | 62.2(62.0 – 62.3) | 62.4(62.3 – 62.5) | <0.001 |
| DM duration (years) | 4.8(4.5 – 5.1) | 5.3(4.7 – 6.0) | 4.2(3.9 – 4.7) | 4.5(4.3 – 4.7) | 4.4(4.2 – 4.5) | 4.9(4.8 – 5.0) | 5.2(5.2 – 5.3) | 6.2(6.1 – 6.3) | <0.001 |
| HbA1cprocess (%) | 88.4(86.3 – 90.5) | 98.5(97.3 – 99.7) | 94.6(92.7 – 96.4) | 90.0(88.8 – 91.3) | 89.4(88.6 – 90.1) | 96.2(95.8 – 96.6) | 98.6(98.4 – 98.8) | 95.8(95.5 – 96.1) | <0.001 |
| HbA1c mean (mmol/mol) | 58.4(57.4 – 59.3) | 57.5(56.2 – 58.8) | 54.4(53.4 – 55.5) | 52.2(51.7 – 52.7) | 49.8(49.6 – 50.1) | 48.9(48.7 – 49.1) | 50.0(49.9 – 50.2) | 50.1(50.0 – 50.3) | <0.001  |
| HbA1c >53 mmol/mol (%) | 59.5(56.1 – 62.9) | 57.4(52.5 – 62.2) | 46.9(42.9 – 51.0) | 37.3(35.1 – 39.4) | 27.0(25.8 – 28.1) | 24.9(24.0 – 25.8) | 27.0(26.3 – 27.8) | 28.3(27.7 – 29.0) | <0.001  |
| DM treatmentDiet only (%) | 13.8(11.6 – 16.1) | 13.8(10.4 – 17.1) | 20.5(17.3 – 23.7) | 19.0(17.3 – 20.6) | 22.5(21.5 – 23.6) | 21.5(20.6 – 22.3) | 20.7(20.0 – 21.3) | 18.5(17.9 – 19.0) | <0.001  |
| OBLD only (%) | 66.1(63.0 – 69.2) | 66.0(61.4 – 70.6) | 59.4(55.5 – 63.3) | 60.4(58.4 – 62.5) | 62.4(62.1 – 63.6) | 62.7(61.7 – 63.6) | 62.5(61.7 – 63.3) | 61.5(60.8 – 62.2) | 0.838 |
| Insulin (%) | 15.0(12.6 – 17.3) | 17.0(13.3 – 20.7) | 17.2(14.2 – 20.2) | 17.5(15.9 – 19.1) | 11.8(11.0 – 12.6) | 12.1(11.4 – 12.7) | 13.6(13.1 – 14.2) | 13.3(12.9 – 13.8) | 0.513 |
| SBP process (%) | 86.5(84.1 – 88.9) | 97.8(96.3 – 99.2) | 97.4(96.1 – 98.7) | 92.5(91.4 – 93.7) | 93.9(93.3 – 94.5) | 98.5(98.3 – 98.8) | 99.4(99.2 – 99.5) | 97.0(96.8 – 97.3) | <0.001 |
| SBP mean (mmHg) | 154.7(153.1 – 156.3) | 150.7(148.5 – 153.0) | 142.9(141.4 – 144.5) | 143.9(143.1 – 144.8) | 140.7(140.3 – 141.2) | 138.7(138.4 – 139.1) | 137.0(136.7 – 137.2) | 135.4(135.1 – 135.6) | <0.001 |
| SBP ≥140 mmHg (%) | 80.2(77.4 – 83.0) | 72.9(68.5 – 77.3) | 64.9(61.1 – 68.8) | 59.2(57.1 – 61.4) | 54.1(52.8 – 55.4) | 48.8(47.7 – 49.8) | 45.1(44.3 – 46.0) | 40.3(39.6 – 41.0) | <0.001 |
| Hypertension treatment (%) | 49.2(45.9 – 52.4) | 55.3(50.4 – 60.1) | 67.0(63.3 – 70.7) | 71.2(69.3 – 73.1) | 73.0(71.9 – 74.1) | 72.5(71.6 – 73.4) | 67.8(67.0 – 68.6) | 67.9(67.3 – 68.6) | <0.001 |
| Cholesterol-HDL ratio process (%) | 69.8(66.2 – 73.4) | 97.3(95.6 – 98.9) | 94.7(92.9 – 96.5) | 82.5(80.8 – 84.3) | 87.0(86.1 – 87.9) | 95.9(95.5 – 96.3) | 97.6(96.5 – 97.0) | 95.6(95.3 – 95.9) | <0.001 |
| Cholesterol-HDL ratio mean | 5.1(4.9 – 5.2) | 4.5(4.4 – 4.7) | 4.0(3.9 – 4.1) | 3.8(3.7 – 3.8) | 3.6(3.5 – 3.6) | 3.7(3.7 – 3.8) | 3.7(3.6 – 3.7) | 3.6(3.6 – 3.6) | <0.001 |
| Cholesterol-HDL ≥4 (%) | 73.8(70.4 – 77.2) | 64.8(60.0 – 69.5) | 45.6(41.6 -49.7) | 37.0(34.8 – 39.2) | 29.9(28.6 – 31.1) | 35.3(34.4 – 36.3) | 32.6(31.8 – 33.3) | 31.7(31.0 – 32.4) | <0.001 |
| Lipid lowering treatment (%) | 17.6(15.1 – 20.1) | 24.5(20.3 – 28.7) | 32.2(28.5 – 35.9) | 36.6(34.6 – 38.6) | 57.0(55.7 – 58.2) | 64.2(63.2 – 65.2) | 68.2(67.5 – 69.0) | 70.4(69.7 – 71.0) | <0.001 |
| ACRProcess (%) | 42.7(39.5 – 46.0) | 95.0(92.9 – 97.1) | 87.3(84.6 – 89.9) | 58.1(56.1 – 60.2) | 60.7(59.5 – 62.0) | 82.8(82.0 – 83.6) | 88.8(88.3 – 89.3) | 86.0(85.5 – 86.5) | <0.001 |
| Micro-albuminuria (%) | 28.0(23.5 – 32.5) | 22.9(18.7 – 27.1) | 15.7(12.6 – 18.8) | 15.7(13.7 – 17.7) | 12.6(11.6 – 13.7) | 11.6(10.9 – 12.3) | 10.3(9.8 – 10.9) | 10.7(10.2 – 11.1) | <0.001 |
| Macro-albuminuria (%) | 7.0(4.5 – 9.5) | 3.9(2.0 – 5.9) | 2.6(1.3 – 4.0) | 2.5(1.7 – 3.4) | 1.2(0.9 – 1.6) | 1.2(0.9 – 1.4) | 0.9(0.7 – 1.0) | 0.7(0.5 – 0.8) | <0.001  |
| Foot examined (%) | 63.7(60.5 – 66.8) | 100.0(100.0 – 100.0) | 99.8(99.5 – 100.0) | 46.8(44.7 – 48.9) | 74.2(73.1 – 75.3) | 88.6(87.9 – 89.2) | 91.0(90.6 – 91.5) | 86.5(86.0 – 87.0) | <0.001  |
| Diminished sensibility (%) | 19.9(16.3 – 23.5) | 21.4(17.4 – 25.5) | 14.0(112 – 16.8) | 12.9(10.8 – 15.1) | 12.2(10.3 – 14.2) | 10.5(9.3 – 11.7) | 8.3(6.7 – 9.9) | 12.8(12.3 – 13.4) | <0.001  |
| Eye examined (%) | 66.2(63.1 – 69.3) | 96.3(94.4 – 98.1) | 93.7(91.8 – 95.7) | 35.3(33.3 – 37.3) | 13.5(12.7 – 14.4) | 59.8(58.9 – 60.8) | 92.8(92.4 – 93.2) | 86.0(85.5 – 86.5) | <0.001 |
| DRP (%) | 13.1(9.5 – 16.7) | 15.5(11.0 – 20.0) | 13.2(9.7 – 16.8) | 12.3(9.6 – 15.0) | 7.4(5.5 – 9.3) | 3.7(3.2 – 4.3) | 5.1(4.7 – 5.5) | 5.3(4.9 – 5.6) | <0.001  |
| BMIProcess (%) | 49.8(46.6 – 53.1) | 97.8(96.3 – 99.2) | 97.0(95.7 – 98.4) | 82.6(81.0 – 84.2) | 80.4(79.4 – 81.4) | 94.2(93.7 – 94.7) | 94.5(94.2 – 94.9) | 95.7(95.4 – 96.0) | <0.001 |
| BMI mean (kg/m2) | 30.3(29.8 – 30.7) | 30.5(30.0 – 31.0) | 30.9(30.4 – 31.3) | 31.0(30.7 – 31.3) | 30.8(30.6 – 31.0) | 30.8(30.7 – 30.9) | 30.9(30.8 – 31.0) | 31.0(30.9 – 31.1) | <0.001 |
| BMI <25 kg/m2 (%) | 13.6(10.4 – 16.7) | 13.6(10.2 – 16.9) | 11.6(9.0 – 14.1) | 12.5(10.9 – 14.0) | 14.1(13.1 – 15.0) | 14.8(14.1 – 15.6) | 14.7(14.1 – 15.3) | 14.1(13.6 – 14.6) | 0.341 |
| BMI 25-30 kg/m2 (%) | 36.9(32.4 – 41.3) | 37.3(32.5 – 42.1) | 36.6(32.7 – 40.5) | 34.3(32.2 – 36.5) | 35.5(34.2 – 36.9) | 34.8(33.8 – 35.8) | 33.8(33.0 – 34.6) | 33.9(33.3 – 34.6) | <0.001 |
| BMI >30 kg/m2 (%) | 49.6(44.9 – 54.2) | 49.1(44.1 – 54.1) | 51.9(47.8 – 55.9) | 53.2(50.9 – 55.5) | 50.4(49.0 – 51.8) | 50.4(49.3 – 51.4) | 51.5(50.6 – 52.3) | 51.9(51.2 – 52.7) | <0.001 |
| Smoking process (%) | 55.0(50.7 – 59.4) | 99.5(98.8 – 100.0) | 99.8(99.5 – 100.0) | 89.7(88.4 – 91.0) | 89.7(88.9 – 90.5) | 97.7(97.4 – 98.0) | 97.9(97.7 – 98.1) | 96.6(96.3 – 96.8) | <0.001 |
| Smokers (%) | 21.7(18.1 – 25.4) | 17.3(13.6 – 21.1) | 19.3(16.2 – 22.5) | 17.5(15.8 – 19.2) | 18.6(17.6 – 19.6) | 18.7(17.9 – 19.5) | 17.0(16.4 – 17.6) | 17.5(17.0 – 18.1) | <0.001 |

Data are presented as means, medians or proportions with 95% CIs.

Abbreviations: DM, diabetes mellitus; OBLD, oral blood glucose-lowering drugs; SBP, systolic blood pressure; HDL, high-density lipoprotein; ACR, albumin-creatinine ratio; DRP, diabetic retinopathy; BMI, body mass index.