| Characteristics                              | Controll       | Intervention     | p   |
|---------------------------------------------|----------------|------------------|-----|
| Age (years)                                 | 61.7±1.2       | 59.0±1.2         | 0.742 |
| Male Sex,n (%)                              | 81 (77.1)      | 85 (81.7)        | 0.412 |
| Hypertension,n(%)                           | 69 (65.7)      | 54 (51.4)        | 0.050 |
| Dyslipidemia,n(%)                           | 62 (59.0)      | 60 (57.1)        | 0.780 |
| eGFR < 60ml.min⁻¹.1.73m⁻²,n(%)              | 8 (7.6)        | 1 (0.9)          | 0.012 |
| Year of Diabetes diagnosis (years)          | 3.0±1.1        | 3.3±1.1          | 0.495 |
| Ever Smoking,n,n(%)                         | 47 (44.8)      | 55 (52.4)        | 0.269 |
| Ever regular Alcohol,n(%)                  | 5 (4.8)        | 5 (4.8)          | _    |
| BMI (kg/m²)                                 | 24.3±1.5       | 24.2±1.7         | 0.650 |
| Heart rate (bpm)                            | 70.3±8.7       | 77.1±1.2         | 0.334 |
| Systolic blood pressure (mmHg)              | 129.1±1.3      | 134.7±2.4        | 0.270 |
| Diastolic blood pressure (mmHg)             | 76.0±0.8       | 81.8±1.7         | 0.934 |
| Baseline at FPG (mmol/L)                    | 9.4±3.0        | 8.9±3.2          | 0.050 |
| Baseline at HbA1C (%)                       | 7.3±1.8        | 7.3±1.6          | 0.780 |
| LDL (mmol/L)                                | 3.0±1.2        | 3.06±1.2         | 0.238 |
| HDL (mmol/L)                                | 1.17±0.39      | 1.02±0.32        | 0.317 |
| TG (mmol/L)                                 | 2.64±4.97      | 2.17±1.46        | 0.391 |

**Drugs treatment**

|                          | Controll       | Intervention     | p   |
|--------------------------|----------------|------------------|-----|
| ACEi                     | 72 (68.6)      | 71 (67.6)        | 0.882 |
| ARB                      | 8 (7.6)        | 10 (9.5)         | 0.622 |
| β receptor inhibitor,n(%)| 97 (92.4)      | 91 (86.7)        | 0.176 |
| Statin,n(%)              | 103(100)       | 103(100)         | _    |
| CCB,n(%)                 | 18(17.1)       | 15(14.3)         | 0.569 |
| Sulfonylurea,n(%)        | 14(13.3)       | 15(14.3)         | 0.841 |
| Metformin,n(%)           | 37 (35.2)      | 31 (29.5)        | 0.376 |
| α-glucosidase inhibitor,n(%) | 38 (36.2)   | 22 (21.0)        | 0.015 |
| Insulin,n(%)             | 105(100)       | 105 (100)        | _    |

| Length of stay(days)     | 7.89±3.5       | 6.44±2.5         | <0.001 |