

**Table 1** – Clinical characteristics of the study population

	All patients (n = 44)	Empagliflozin (n = 22)	Sitagliptin (n = 22)	p value
<b>Clinical data</b>				
Male (n, %)	38 (86)	19 (86)	19 (86)	ns
Age (years)	61.7 ± 9.7	61.6 ± 9.6	61.8 ± 10.1	ns
Duration of DM (years)	9.6 ± 8.0	7.8 ± 6.9	11.1 ± 8.8	ns
Weight (kg)	84.6 ± 15.3	83.0 ± 13.6	83.7 ± 12.4	ns
BMI (kg/m <sup>2</sup> )	28.7 ± 5.3	27.8 ± 4.7	29.6 ± 5.7	ns
Mean BP (mmHg)	102.6 ± 11.5	102.9 ± 9.9	102.3 ± 13.2	ns
Active smokers, (n, %)	10 (23)	6 (27)	4 (18)	ns
Hypertension (n, %)	34 (77)	18 (81)	16 (72)	ns
<b>Baseline therapy</b>				
Metformin, n (%)	40 (91)	20 (91)	20 (91)	ns
Insulin, n (%)	11 (25)	7 (32)	4 (18)	ns
Statin, n (%)	32 (73)	18 (81)	14 (63)	ns
ACEi/ARBs, n (%)	27 (61)	16 (53)	11 (50)	ns
Beta-blockers, n (%)	10 (23)	5 (23)	5 (23)	ns
CCB, n (%)	10 (23)	6 (27)	4 (18)	ns
ASA, n (%)	16 (36)	4 (41)	7 (32)	ns
HCT, n (%)	5 (11)	3 (14)	2 (9)	ns
Furosemide, n (%)	1 (2)	0 (0)	1 (5)	ns
<b>Blood tests</b>				
HbA <sub>1c</sub> (mmol/mol)	59.2 ± 6.4	57.8 ± 6.5	60.3 ± 6.2	ns
Total Cholesterol (mg/dL)	162 ± 33	159 ± 29	165 ± 38	ns
HDL-C (mg/dL)	48 ± 12	49 ± 13	47 ± 11	ns
LDL-C (mg/dL)	97 ± 26	95 ± 21	98 ± 30	ns
Triglycerides (mg/dL)	131 ± 57	121 ± 59	142 ± 54	ns
Haemoglobin (g/dL)	14.2 ± 1.3	14.1 ± 1.1	14.3 ± 1.4	ns
Creatinine (mg/dL)	0.89 ± 0.26	0.86 ± 0.31	0.92 ± 0.19	ns
eGFR (mL/min/1.73mq)	89.6 ± 17.4	91.5 ± 18.5	87.7 ± 16.5	ns
Uric acid (mg/dL)	5.55 ± 1.45	6.01 ± 1.60	5.10 ± 1.10	ns
Albumin-creatinin-ratio (mg/g)	5 (0–15)	4 (0–7)	8 (4–36)	ns
NT-proBNP (pg/mL)	81 (27–118)	63 (28–121)	33 (16–76)	ns
<b>Vascular, and pulmonary assessment</b>				
Ankle-brachial-index	1.16 ± 0.10	1.13 ± 1.1	1.18 ± 1.1	ns
VD/VT (%)	16.2 ± 4.9	16.4 ± 3.9	16.1 ± 5.2	ns
<b>2D-Echocardiography</b>				
EDVi (mL/m <sup>2</sup> )	51.5 ± 11.7	52.0 ± 12.2	51.0 ± 11.5	ns
LVMi (g/m <sup>2</sup> )	89.5 ± 17.3	89.9 ± 16.1	89.2 ± 18.9	ns
LAVi (mL/m <sup>2</sup> )	24.9 ± 7.5	24.8 ± 8.4	25.0 ± 6.8	ns
LVEF rest (%)	59.3 ± 4.5	60.5 ± 3.6	58.1 ± 5.1	ns
E/A ratio	0.90 ± 0.25	0.94 ± 0.26	0.86 ± 0.23	ns
E/e' (cm/sec)	8.5 ± 2.5	8.3 ± 2.2	8.7 ± 2.7	ns