

Table 1 – Clinical characteristics of the study population

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