

Table 1. The characteristics of the patients (n = 20) at baseline and after 6 months of bariatric surgery

	Baseline	6 months	p (6 months vs baseline)
Body weight (Kg)	126.1 ± 21.1	94.8 ± 20.8	<0.001
BMI (Kg/m ²)	42.5 ± 3.4	32.0 ± 4.8	<0.001
BF% (%)	44.0 ± 6.9	34.7 ± 9.7	<0.001
BFM (Kg)	54.4 ± 10.6	34.7 ± 13.2	<0.001
LBM (Kg)	71.7 ± 16.9	60.1 ± 14.0	<0.001
WC (cm)	125.7 ± 14.2	104.5 ± 17.8	<0.001
SBP (mmHg)	138 ± 14	126 ± 11	<0.001
DBP (mmHg)	87 ± 11	77 ± 8	<0.001
TC (mg/dL)	220 ± 46	189 ± 33	0.010
TG (mg/dL)	132 ± 39	91 ± 29	<0.001
HDL-C (mg/dL)	40 ± 10	47 ± 15	0.045
LDL-C (mg/dL)	137 ± 34	126 ± 22	0.185
nonHDL-C (mg/dL)	180 ± 49	143 ± 22	0.003
Glc (mg/dL)	114 ± 41	98 ± 24	0.039
Ins (μU/mL)	19.3 ± 7.4	12.0 ± 4.7	<0.001
HbA1c (%)	6.5 ± 1.4	5.6 ± 0.9	0.001
HOMA-index	5.6 ± 3.3	3.0 ± 1.8	<0.001
QUICKI	0.305 ± 0.022	0.332 ± 0.024	<0.001
Uric acid (mg/dL)	6.5 ± 1.0	5.3 ± 1.1	<0.001
TPR (mg/dL)	7.3 ± 0.4	6.8 ± 0.5	0.002
Albumin (mg/dL)	4.3 ± 0.3	4.2 ± 0.3	0.392
Globulins (mg/dL)	2.9 ± 0.4	2.6 ± 0.4	0.001
CRP (mg/L)	13.3 ± 8.2	6.5 ± 4.3	<0.001
Fetuin-A (μg/mL)	268.1 ± 53.1	263.8 ± 68.4	0.808

Data are mean ± standard deviation for normally distributed variables. The p value refers to the comparison between baseline values and those 6 months after bariatric surgery.

Abbreviations: BFM: Body fat mass; BF%: Body fat percentage; BMI: Body Mass Index; CRP: C-reactive protein; DBP: Diastolic blood pressure; eGFR: Estimated glomerular filtration rate; FT₄: Free thyroxine; HbA1c: Glycated haemoglobin; HDL-C: High-density lipoprotein-cholesterol; HOMA-index: Homeostasis model assessment insulin resistance index; LBM: Lean body mass; LDL-C: Low-density lipoprotein-cholesterol; non-HDL-C: Non-HDL-cholesterol; QUICKI: Quantitative insulin sensitivity check index; Cre: Serum creatinine; Glc: Serum glucose levels; Ins: Serum insulin levels; TPR: Serum levels of total proteins; SBP: Systolic blood pressure; TSH: Thyroid-stimulating hormone; TC: Total cholesterol; TG: Triglycerides; T₃: Triiodothyronine; WC: Waist Circumference.