

Supplemental Table 1

All baseline (61 patients)	Gastric bypass (n=41)	Gastric banding (n=20)	p	q
Anthropometry				
Age, (years)	37.9 ± 10.6	34.5 ± 7.5	ns	ns
Sex, (% female)	100	100	ns	ns
Weight, (kg)	125.7 ± 19.9	116.1 ± 10.6	ns	ns
BMI, (kg/m ²)	46.6 ± 5.8	43.5 ± 3	ns	ns
Fat free mass, (kg)	58.7 ± 6.8	54.4 ± 4.7	0.0062	0.057
Fat mass, (kg)	61.9 ± 10.6	57.5 ± 8.4	ns	ns
Trunc fat mass, (kg)	29.9 ± 5.0	27.2 ± 4.3	0.038	0.121
Gynoid fat, (%)	37.4 ± 5.8	40.7 ± 5.9	0.054	ns
Leptin, (mg/ml)	78.9 ± 27.3	79.03 ± 31.2	ns	ns
Basal metabolic rate, (kg/24h)	2031 ± 354.1	1838.3 ± 161.3	0.0072	0.058
Obesity related diseases				
Hypertension, (%)	36.6	20	ns	ns
OSA, (%)	51.2	20	0.015	ns
Dyslipidemia, (%)	87.8	75	ns	ns
Diabetes, (%)	19.5	5	ns	ns
Glucose intolerance, (%)	46.3	50	ns	ns
Metabolic syndrome, (%)	53.7	35	ns	ns
Biology				
Triglycerides, (mmol/l)	1.33 ± 0.51	1 ± 0.4	0.0229	0.068
Adiponectine, (µg/ml)	4.36 ± 1.7	4.7 ± 1.9	ns	ns
Baseline follow-up (24 patients)				
	Gastric bypass (n=14)	Gastric banding (n=10)	p	q
Anthropometry				
Age, (years)	41.9 ± 8.19	36.1 ± 7.62	ns	ns
Sex, (% female)	100	100	ns	ns
Weight, (kg)	123 ± 16.4	113 ± 7.12	ns	ns
BMI, (kg/m ²)	46.3 ± 6.22	43 ± 2.22	ns	ns
Fat free mass, (kg)	58.2 ± 6.8	54.9 ± 4.7	ns	ns
Fat mass, (kg)	60.9 ± 11	55.7 ± 6.4	ns	ns
Trunc fat mass, (kg)	30.4 ± 5.5	26.7 ± 3.4	ns	ns
Gynoid fat, (%)	36 ± 6.7	38.8 ± 4.03	ns	ns
Leptin, (mg/ml)	81.4 ± 28.2	74.1 ± 26.5	ns	ns
Basal metabolic rate, (kg/24h)	1980 ± 254	1800 ± 190	ns	ns
Obesity related diseases				
Hypertension, (%)	57,14285714	20	ns	ns
OSA, (%)	42,85714286	20	ns	ns
Dyslipidemia, (%)	100	80	ns	ns
Diabetes, (%)	35,71428571	0	0,0387142	ns
Glucose intolerance, (%)	50	40	ns	ns
Metabolic syndrome, (%)	85,71428571	50	ns	ns
Biology				
Triglycerides, (mmol/l)	1.58 ± 0.58	1.01 ± 0.435	0,0111657	ns
Adiponectine, (µg/ml)	3.89 ± 1.79	4.14 ± 1.34	ns	ns