

SUPPLEMENTARY DATA

Supplementary Table 1. Characterization of patients involved in Clinical study 1 and 2

	Study 1		Study 2		
	Lean males (n=20)	Obese males (n=20)	Lean females (n=10)	Obese females (n=19)	Obese females after surgery (n=16)
Age (years)	56.2 ± 3.9	50.9 ± 3.2	43.2 ± 2.6	42.9 ± 1.9	-
BMI (kg/m ²)	23.3 ± 1.5	44.5 ± 1.2 ^a	24.8 ± 1.5	41.4 ± 1.1 ^a	27.9 ± 0.8 ^b
Waist (cm)	93.2 ± 4.1	144.0 ± 3.4 ^a	86.7 ± 3.4	127.0 ± 2.4 ^a	94.7 ± 2.7 ^b
% Body fat	23.8 ± 1.5	40.7 ± 1.2 ^a	34.6 ± 2.1	60.1 ± 1.5 ^a	37.6 ± 2.0 ^b
Glucose (mmol/l)	4.61 ± 0.78	7.67 ± 0.67 ^a	5.00 ± 0.42	5.58 ± 0.30	4.79 ± 0.12 ^b
Insulin (μU/ml)	5.14 ± 3.21	30.47 ± 2.91 ^a	4.48 ± 2.19	13.37 ± 1.58 ^a	4.89 ± 0.56 ^b
HOMA	1.05 ± 1.39	10.51 ± 1.21 ^a	1.00 ± 0.87	3.53 ± 0.63 ^a	1.01 ± 0.14 ^b
HDL-Cholesterol (mmol/l)	1.42 ± 0.08	1.01 ± 0.07 ^a	1.65 ± 0.09	1.23 ± 0.07 ^a	1.59 ± 0.14 ^b
Triglycerides (mmol/l)	1.42 ± 0.51	2.69 ± 0.42 ^a	0.79 ± 0.23	1.56 ± 0.17 ^a	1.01 ± 0.10 ^b

Data are mean values ± SEM.

a – significantly different from lean

b – significantly different from obese before surgery