

Supplemental Table 1. Basic biochemical investigations. p-values derived from Wilcoxon signed rank tests, comparing ranks from before the fasting (visit 1) to those after 48 hours of fasting (visit 3). Abbreviations: LH, luteinizing hormone; FSH, follicle stimulating hormone; HOMA-IR, Homeostatic Model Assessment for Insulin Resistance.

	Visit 1			Visit 3			p-value*		
	N	P25	P50	P75	N	P25		P50	P75
Base excess (mmol/l)	20	-2.5	-1.5	-0.3	18	-2.2	-1.2	-0.4	0.316
Bicarbonate (mmol/l)	20	23.4	24.3	25.5	18	22.0	23.7	25.1	0.191
pH value	20	7.3	7.3	7.4	18	7.3	7.4	7.4	0.012
pO2 (mmHg)	20	33.5	42.0	58.5	18	31.0	44.0	60.0	0.948
pCO2 (mmHg)	19	45.0	48.0	53.0	18	39.0	43.0	47.0	0.010
p50	20	29.0	30.0	32.5	18	28.0	29.0	30.0	0.010
Free fatty acids (mmol/l)	19	0.3	0.4	0.7	19	0.5	1.0	1.3	0.005
Insulin (mU/l)	20	5.4	7.7	9.9					
Fasting glucose (mmol/l)	20	4.1	4.3	4.8					
HOMA-IR	20	1.0	1.5	2.0					
Potassium (mmol/l)	20	3.6	3.8	4.0					
Sodium (mmol/l)	20	138.0	140.0	141.5					
Creatinin (umol/l)	20	60.0	68.5	70.5					
Estradiol (pmol/l)	20	382.0	621.0	1137.5					
LH (U/l)	20	7.3	11.1	16.0					
FSH (U/l)	20	3.9	4.7	6.4					