

Table s1: Baseline characteristics of the clamp subcohort in comparison to whole study cohort

		whole study cohort	clamp subcohort
n		144	30
Clinical parameters	age, yrs.	35.7 ± 4.1	35.3 ± 3.7
	height, cm	167.3 ± 6.5	165.7 ± 6.2
	weight, kg	69.8 ± 13.9	70.1 ± 15.4
	BMI, kg/m ²	25.0 ± 5.3	25.6 ± 6.1
	waist circumference, cm	80.6 ± 11.3	81.0 ± 13.3
	time after delivery, months	9.2 ± 2.8	8.7 ± 2.9
Glucose tolerance category	NGT	109 (76%)	22 (73%)
	IFG	14 (10%)	3 (10%)
	IGT	12 (8%)	2 (7%)
	IFG + IGT	5 (3%)	2 (7%)
	T2DM	4 (3%)	1 (3%)
Metabolic status in preceding pregnancy	Normoglycemia	50 (35%)	11 (37%)
	GDM	94 (65%)	19 (66%)
Insulin sensitivity	ISI	5.8 (3.5-7.8)	4.9 (3.0-8.2)
	M/(ffm*I) (n=30)	137.8 (96.4-173.5)	137.8 (96.4-173.5)
MRI/MRS	MV, dm ³	1.32 (1.16-1.42)	1.26 (1.13-1.34)
	MVI, dm ³ /m ²	0.47 (0.43-0.50)	0.46 (0.43-0.49)
	IMCL, % (n=117/n=27)	0.94 (0.62-1.43)	1.11 (0.87-1.80)
Cardiopulmonary exercise testing	VO _{2peak} , ml/min	1852 (1664-2080)	1833 (1611-1975)
	VO _{2peak} /kg, ml/kg/min	27.6 (23.1-31.2)	28.3 (20.2-31.0)
	W _{max} , W	130.6 (111.0-148.5)	128.5 (110.5-141.8)

Normally distributed variables are given as mean ± SD, non-normally distributed variables as median (Q1, Q3), categorical variables as n (percent). No significant differences between the two cohorts were observed. BMI (body mass index), ISI (insulin sensitivity index), M/(ffm*I) (M-value derived from hyperinsulinemic, euglycemic clamp test, divided by fat free body mass times steady-state plasma insulin), MV (muscle volume), MVI (muscle volume index), IMCL (intramyocellular lipid content) VO_{2peak} (peak oxygen uptake), and W_{max} (maximum workload). OGTT (oral glucose tolerance test), pGDM (post gestational diabetes), controls (euglycemic pregnancy), IFG (impaired fasting glucose), IGT (impaired glucose tolerance), T2DM (type 2 diabetes mellitus).