

Supplemental Table S3. RCT analysis according to intention-to-treat

	Early tube feeding	Standard care	Missing	P
	n=23	n=23		
Demographics				
Age (years)	27.8 ± 4.3	28.4 ± 3.8	0.0%	0.64
Prepregnancy weight (kg)	75.7 ± 15.4	76.3 ± 16.6	2.2%	0.90
Prepregnancy BMI (kg/m ²)	27.2 ± 5.3	25.4 ± 4.7	2.2%	0.24
Non-western ethnicity	3 (13.0%)	7 (30.4%)	10.9%	0.16
Education level			17.4%	0.32
- Primary or secondary	10 (43.5%)	14 (60.9%)		
- Higher	8 (34.8%)	6 (26.1%)		
Primigravida	9 (39.1%)	8 (34.8%)	0.0%	0.76
Maternal diabetes (gestational, type I or II)	3 (13.0%)	1 (4.3%)	0.0%	0.61
Maternal thyroid disease	0 (0.0%)	2 (8.7%)	0.0%	0.49
Current smoker	3 (13.0%)	3 (13.0%)	4.3%	1.00
Gestational age at onset of HG symptoms (wks)	6.0 (5.0-7.5)	6.0 (5.0-6.1)	19.6%	0.52
Gestational age at inclusion (wks)	9.0 (8.0-11.0)	9.0 (7.0-12.0)	0.0%	0.52
Measures of HG severity				
Weight change (kg)	-2.6 ± 4.1	-5.0 ± 4.0	2.2%	0.06
24-hour energy intake at inclusion (kcal)	131 (43-417)	483 (283-1068)	17.4%	0.04
- Below recommended daily intake (<1870 kcal)	18 (78.3%)	20 (87.0%)	17.4%	1.00
PUQE-24 at inclusion	11.4 ± 2.9	10.7 ± 3.2	21.7%	0.48
Average PUQE-24 in the first three weeks after inclusion	9.0 ± 3.6	8.7 ± 2.9	17.4%	0.74
Total duration of hospital admissions (days)	6.0 (3.0-10.0)	4.0 (3.0-5.0)	0.0%	0.18
Readmitted	9 (39.1%)	7 (30.4%)	0.0%	0.54
Readmission after the first trimester	7 (30.4%)	7 (30.4%)	0.0%	1.00
Perinatal outcomes				
Birth weight (grams)	3235 ± 562	3498 ± 485	0.0%	0.10
SGA (birth weight <10 th percentile)	1 (4.3%)	1 (4.3%)	0.0%	1.00
Prematurity (< 37 weeks)	2 (8.7%)	2 (8.7%)	0.0%	1.00
Apgar score <7 at 5 min	1 (4.3%)	1 (4.3%)	0.0%	1.00
Fetal sex (female)	13 (56.5%)	13 (56.5%)	0.0%	1.00
Maternal blood measurements				
Apolipoprotein A1 (g/L)	1.52 ± 0.25	1.45 ± 0.30	13.0%	0.43
Apolipoprotein B (g/L)	0.82 ± 0.28	0.84 ± 0.27	13.0%	0.81
HDL (mmol/L)	1.38 ± 0.26	1.33 ± 0.29	13.0%	0.56
LDL (mmol/L)	2.46 ± 0.89	2.58 ± 0.90	13.0%	0.67
Total cholesterol (mmol/L)	4.31 ± 1.03	4.37 ± 1.17	13.0%	0.85
Triglycerides (mmol/L)	0.86 (0.70-1.59)	0.86 (0.70-1.18)	13.0%	1.00
FT4 (pmol/L)	20.38 ± 8.67	19.44 ± 3.88	13.0%	0.66
Cord blood measurements				
Apolipoprotein A1 (g/L)	0.89 ± 0.16	0.91 ± 0.22	6.5%	0.70
Apolipoprotein B (g/L)	0.30 ± 0.22	0.28 ± 0.12	6.5%	0.68
HDL (mmol/L)	0.84 ± 0.19	0.86 ± 0.26	6.5%	0.72
LDL (mmol/L)	1.05 ± 0.78	0.94 ± 0.38	13.0%	0.56
Total cholesterol (mmol/L)	2.09 ± 0.93	1.96 ± 0.62	10.9%	0.59
Triglycerides (mmol/L)	0.40 (0.18-0.73)	0.30 (0.17-0.44)	8.7%	0.15
Glucose (mmol/L)	4.26 ± 1.35	5.06 ± 1.28	10.9%	0.06
C-peptide (nmol/L)	0.20 ± 0.10	0.25 ± 0.18	4.3%	0.26
FT4 (pmol/L)	16.52 ± 2.40	17.59 ± 1.75	21.7%	0.13

P-values <0.05 are considered statistically significant and marked in bold. Data represented with mean±SD and median (IQR), unless stated otherwise (frequency (%)). Abbreviations: BMI: body mass index, HDL: High Density Lipoprotein, HG: Hyperemesis Gravidarum, FT4: free thyroxine, LDL: Low Density Lipoprotein. PUQE-24: 24-hour Pregnancy Unique Quantification of Emesis and nausea score: a higher PUQE-24 indicates more severe symptoms. SGA: small for gestational age. Weight change is weight at baseline minus prepregnancy weight and can be < 0 if women lost weight and can be > 0 if women gained weight.