

**Supplemental Table S4.** RCT analysis according to per protocol

	Early tube feeding	Standard care	Missing	P
	n=13	n=20		
<b>Demographics</b>				
Age (years)	27.6 ± 4.6	28.7 ± 3.6	0.0%	0.46
Prepregnancy weight (kg)	76.4 ± 17.1	74.7 ± 16.6	3.0%	0.79
Prepregnancy BMI (kg/m <sup>2</sup> )	26.8 ± 4.6	24.9 ± 4.5	3.0%	0.26
Non-western ethnicity	1 (7.7%)	7 (35.0%)	9.1%	0.10
Education level			12.1%	0.32
- Primary or secondary	6 (46.2%)	12 (60.0%)		
- Higher	5 (38.5%)	6 (30.0%)		
Primigravida	7 (53.8%)	8 (40.0%)	0.0%	0.44
Maternal diabetes (gestational, type I or II)	2 (15.4%)	1 (5.0%)	0.0%	0.55
Maternal thyroid disease	0 (0.0%)	1 (5.0%)	0.0%	1.00
Current smoker	2 (15.4%)	3 (15.0%)	6.1%	1.00
Gestational age at onset of HG symptoms (wks)	5.8 (5.0-7.0)	6.0 (5.5-6.3)	12.1%	0.81
Gestational age at inclusion (wks)	8.0 (7.5-10.5)	9.0 (7.3-12.8)	0.0%	0.48
<b>Measures of HG severity</b>				
Weight change (kg)	-2.7 ± 4.6	-4.0 ± 1.9	3.0%	0.34
24-hour energy intake at inclusion (kcal)	82 (15-394)	605 (326-1129)	12.1%	<b>&lt;0.01</b>
- Below recommended daily intake (<1870 kcal)	11 (84.6%)	18 (90.0%)	12.1%	1.00
PUQE-24 at inclusion	12.5 ± 2.2	10.3 ± 3.3	21.2%	0.07
Average PUQE-24 in the first three weeks after inclusion	9.0 ± 3.0	8.3 ± 3.1	12.1%	0.55
Total duration of hospital admissions (days)	6.0 (3.0-10.5)	4.0 (2.3-5.0)	0.0%	0.10
Readmitted	6 (46.2%)	4 (20.0%)	0.0%	0.14
Readmission after the first trimester	3 (23.1%)	6 (30.0%)	0.0%	1.00
<b>Perinatal outcomes</b>				
Birth weight (grams)	3356 ± 696	3420 ± 461	0.0%	0.75
SGA (birth weight <10 <sup>th</sup> percentile)	1 (7.7%)	1 (5.0%)	0.0%	1.00
Prematurity (< 37 weeks)	2 (15.4%)	2 (10.0%)	0.0%	1.00
Apgar score <7 at 5 min	1 (7.7%)	1 (5.0%)	0.0%	1.00
Fetal sex (female)	7 (53.8%)	12 (60.0%)	0.0%	0.73
<b>Maternal blood measurements</b>				
Apolipoprotein A1 (g/L)	1.48 ± 0.26	1.48 ± 0.32	15.2%	0.95
Apolipoprotein B (g/L)	0.78 ± 0.24	0.82 ± 0.28	15.2%	0.71
HDL (mmol/L)	1.37 ± 0.29	1.36 ± 0.30	15.2%	0.91
LDL (mmol/L)	2.36 ± 0.79	2.44 ± 0.88	15.2%	0.80
Total cholesterol (mmol/L)	4.18 ± 0.93	4.28 ± 1.22	15.2%	0.80
Triglycerides (mmol/L)	0.78 (0.59-1.52)	0.88 (0.71-1.18)	15.2%	0.71
FT4 (pmol/L)	18.12 ± 2.05	19.14 ± 4.10	15.2%	0.39
<b>Cord blood measurements</b>				
Apolipoprotein A1 (g/L)	0.93 ± 0.18	0.92 ± 0.22	3.0%	0.87
Apolipoprotein B (g/L)	0.33 ± 0.28	0.27 ± 0.11	3.0%	0.44
HDL (mmol/L)	0.91 ± 0.19	0.89 ± 0.27	3.0%	0.80
LDL (mmol/L)	1.17 ± 0.99	0.95 ± 0.33	9.1%	0.51
Total cholesterol (mmol/L)	2.26 ± 1.13	1.99 ± 0.57	6.1%	0.37
Triglycerides (mmol/L)	0.42 (0.21-0.72)	0.30 (0.17-0.42)	6.1%	0.24
Glucose (mmol/L)	4.52 ± 1.46	4.82 ± 0.89	9.1%	0.54
C-peptide (nmol/L)	0.23 ± 0.12	0.25 ± 0.19	3.0%	0.79
FT4 (pmol/L)	16.29 ± 2.86	17.58 ± 1.83	12.1%	0.15

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.