|  |  |  |  |
| --- | --- | --- | --- |
| Supplement Table S4. RCT analysis according to intention-to-treat principle | | | |
|  | | | |
|  | **Early enteral tube feeding** | **Standard care** | ***P*-value** |
| In total: N=50 | N=25 | N=25 |  |
|  |  |  |  |
| Index pregnancy (during MOTHER study) | | | |
|  | | | |
| *Baseline characteristics* |  |  |  |
| Age (years) | 28.88 ± 5.04 | 30.00 ± 4.38 | 0.41 |
| Ethnicity |  |  | 0.08 |
| * Western | 20 (80.0%) | 15 (60.0%) |  |
| * Non-western | 3 (12.0%) | 8 (32.0%) |  |
| Education level |  |  | 0.64 |
| * Primary or secondary | 9 (36.0%) | 12 (48.0%) |  |
| * Higher | 11 (44.0%) | 11 (44.0%) |  |
| Primigravida at the time | 11 (44.0%) | 5 (20.0%) | 0.07 |
| History of mental health disease a | 4 (16.0%) | 2 (8.0%) | 0.67 |
| HG in previous pregnancy prior to MOTHER study b | 7 (50.0%) | 12 (60.0%) | 0.56 |
|  |  |  |  |
| *Maternal outcomes* |  |  |  |
| Weight change (kg) c | -2.76 ± 4.09 | -4.56 ± 4.34 | 0.14 |
| PUQE-24 at inclusion | 12.00 (10.50-14.00) | 11.50 (9.75-13.00) | 0.31 |
| Mean PUQE-24 in the first 3 weeks after admission | 9.46 ± 2.89 | 9.59 ± 2.22 | 0.86 |
| Total duration of hospital admissions (days) | 6.00 (3.00-9.00) | 5.00 (3.50-9.50) | 0.89 |
| Readmitted | 9 (36.0%) | 8 (32.0%) | 0.77 |
| Admission after the first trimester | 7 (28.0%) | 3 (12.0%) | 0.16 |
| HADS at inclusion | 21.20 ± 6.98 | 21.77 ± 5.91 | 0.78 |
| * Anxiety score ≥8 d | 10 (40.0%) | 12 (48.0%) | 0.77 |
| * Depression score ≥8 d | 19 (76.0%) | 20 (80.0%) | 1.00 |
|  |  |  |  |
| Follow-up study | | | |
|  | | | |
| *Depression, anxiety and PTSD symptoms* |  |  |  |
| HADS 6 weeks postpartum e | 9.61 ± 6.49 | 9.68 ± 6.18 | 0.97 |
| * Anxiety score ≥8 e | 6 (21.4%) | 7 (28.0%) | 0.58 |
| * Depression score ≥8 e | 6 (21.4%) | 5 (20.0%) | 0.90 |
| HADS at follow-up study | 10.00 (6.00-15.00) | 8.00 (5.00-15.00) | 0.62 |
| * Anxiety score ≥8 | 9 (36.0%) | 7 (28.0%) | 0.54 |
| * Depression score ≥8 | 7 (28.0%) | 7 (28.0%) | 1.00 |
| PCL-5 score at follow-up study | 18.00 (8.50-33.50) | 13.00 (5.50-30.00) | 0.52 |
| * PCL-5 score ≥31 | 6 (24.0%) | 6 (24.0%) | 1.00 |
|  |  |  |  |
| History of any traumatic event | 7 (28.0%) | 6 (24.0%) | 0.75 |
| History of an obstetric traumatic event | 0 (0.0%) | 1 (4.0%) | 0.46 |
|  |  |  |  |
| Women who experienced a subsequent pregnancy after MOTHER participation | 15 (60.0%) | 8 (32.0%) | 0.06 |
| Suffered from HG again between participation of the MOTHER and follow-up study f | 14 (56.0%) | 10 (40.0%) | 0.26 |

Data represented with mean±SD**,** median (IQR) or frequency (%). a History of mental health disease can consist of a depressive, anxiety, PTSD or eating disorder. b Percentage shown is frequency divided by multigravidas. c 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. d Percentage shown is frequency divided by number of HADS at inclusion available (n=61). e Different study group including 42 women. f HG defined as: if vomiting symptoms occurred with either multiple medication use, weight loss, hospital admission for HG, requiring tube feeding or whether nausea and vomiting symptoms affected their life and/or work. **Abbreviations:** HG: hyperemesis gravidarum, HADS: hospital anxiety and depression scale: a higher HADS indicates more severe anxiety or depression symptoms, PCL-5: PTSD checklist for the DSM 5, PTSD: posttraumatic stress disorder, PUQE-24: 24-hour Pregnancy Unique Quantification of Emesis and nausea score: a higher PUQE-24 indicates more severe symptoms and can vary from 3 to 15, RCT: randomized controlled trial.