**Table 1.**

|  | Overall (N=97) |
| --- | --- |
| **GA** |  |
|    Mean (SD) | 28.56 (2.73) |
|    Median (Q1, Q3) | 29.00 (27.00, 30.00) |
|    Min - Max | 23.00 - 35.00 |
|    Non missing N | 97 |
| **Birth Weight** |  |
|    Mean (SD) | 1091.48 (287.93) |
|    Median (Q1, Q3) | 1110.00 (870.00, 1320.00) |
|    Min - Max | 520.00 - 1495.00 |
|    Non missing N | 97 |
| **Year** |  |
|    2017 | 24 (24.7%) |
|    2018 | 24 (24.7%) |
|    2019 | 24 (24.7%) |
|    2020 | 8 (8.2%) |
|    2021 | 17 (17.5%) |
|    Non missing N | 97 |
| **Single/Twin** |  |
|    T | 36 (37.5%) |
|    S | 60 (62.5%) |
|    Non missing N | 96 |
|    Missing N | 1 |
| **Delivery** |  |
|    V | 14 (14.6%) |
|    CS | 82 (85.4%) |
|    Non missing N | 96 |
|    Missing N | 1 |
| **MA** |  |
|    Mean (SD) | 32.62 (6.11) |
|    Median (Q1, Q3) | 33.00 (28.50, 37.50) |
|    Min - Max | 19.00 - 46.00 |
|    Non missing N | 95 |
|    Missing N | 2 |
| **DM ml** |  |
|    Mean (SD) | 4015.88 (3840.05) |
|    Median (Q1, Q3) | 2900.00 (500.00, 7100.00) |
|    Min - Max | 12.00 - 12200.00 |
|    Non missing N | 68 |
|    Missing N | 29 |
| **Start MEF** |  |
|    Mean (SD) | 1.78 (1.03) |
|    Median (Q1, Q3) | 2.00 (1.00, 2.00) |
|    Min - Max | 1.00 - 7.00 |
|    Non missing N | 96 |
|    Missing N | 1 |
| **MOM** |  |
|    NO | 29 (30.5%) |
|    YES | 66 (69.5%) |
|    Non missing N | 95 |
|    Missing N | 2 |
| **Start MOM** |  |
|    Mean (SD) | 4.11 (1.93) |
|    Median (Q1, Q3) | 4.00 (3.00, 5.00) |
|    Min - Max | 1.00 - 12.00 |
|    Non missing N | 65 |
|    Missing N | 32 |
| **FEF** |  |
|    Mean (SD) | 18.53 (14.30) |
|    Median (Q1, Q3) | 15.00 (9.00, 22.00) |
|    Min - Max | 3.00 - 80.00 |
|    Non missing N | 86 |
|    Missing N | 11 |
| **Days of hospitalization** |  |
|    Mean (SD) | 62.14 (25.76) |
|    Median (Q1, Q3) | 58.00 (45.25, 76.00) |
|    Min - Max | 22.00 - 161.00 |
|    Non missing N | 94 |
|    Missing N | 3 |
| **Weight at discharge** |  |
|    Mean (SD) | 2538.55 (529.59) |
|    Median (Q1, Q3) | 2390.00 (2157.50, 2802.50) |
|    Min - Max | 1781.00 - 4960.00 |
|    Non missing N | 96 |
|    Missing N | 1 |
| **Feeding at discharge** |  |
|    FM | 51 (52.6%) |
|    MOM | 35 (36.1%) |
|    MOM+FM | 11 (11.3%) |
|    Non missing N | 97 |
| **Average daily weight increment** |  |
|    Mean (SD) | 24.02 (7.22) |
|    Median (Q1, Q3) | 23.00 (19.67, 26.85) |
|    Min - Max | 12.20 - 71.30 |
|    Non missing N | 92 |
|    Missing N | 5 |

**Table n° 2**

**Trend over the years**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Year** | **2017** | **2018** | **2019** | **2020** | **2021** | **p** |
| **n°** |  **24** |  **24** |  **24** |  **8** |  **17** |  |
| **GA (mean (SD))** |  27.29 (2.37) |  28.58 (2.89) |  29.00 (2.59) |  29.25 (3.28) |  29.35 (2.57) |  0.097 |
| **Weight (mean (SD))** | 1030.00 (316.32) | 1085.46 (281.31) | 1139.29 (298.99) | 1052.50 (243.35) | 1137.65 (270.64) |  0.680 |
| **Sing\_Twins = S (%)** |  17 (70.83)  |  16 (66.67)  |  15 (65.22)  |  5 ( 62.50)  |  7 ( 41.18)  |  0.372 |
| **CS (%)** |  18 (78.26)  |  21 (87.50)  |  18 (75.00)  |  8 (100.00)  |  17 (100.00)  |  0.117 |
| **Maternal age (mean (SD))** |  31.86 (6.15) |  32.38 (6.98) |  31.04 (5.71) |  33.75 (4.13) |  35.65 (5.48) |  0.168 |
| **MOM = YES (%)** |  16 (66.67)  |  15 (62.50)  |  21 (91.30)  |  1 ( 14.29)  |  13 ( 76.47)  |  0.003 |
| **Start MOM (mean (SD))** |  4.44 (2.16) |  4.47 (2.53) |  4.00 (1.63) |  4.00 (0.00) |  3.30 (1.16) |  0.602 |
| **DM ml (mean (SD))** | 3211.25 (3324.12) | 4599.29 (4045.35) | 3200.57 (3510.58) | 9883.33 (2116.99) | 2125.00 (1935.94) | <0.001 |
| **Start MEF (mean (SD))** |  1.52 (0.73) |  2.04 (1.40) |  1.67 (0.48) |  2.38 (1.92) |  1.65 (0.61) |  0.180 |
| **FEF (mean (SD))** |  22.77 (21.76) |  15.58 (7.37) |  16.22 (10.72) |  20.88 (14.95) |  19.89 (12.75) |  0.433 |
| **Length of stay (mean (SD))** |  65.71 (30.32) |  68.54 (28.76) |  60.58 (22.10) |  59.50 (19.34) |  52.12 (21.49) |  0.331 |
| **Average daily weight increment (mean (SD))** |  21.08 (3.44) |  22.27 (4.46) |  23.83 (5.72) |  21.55 (3.95) |  31.36 (11.25) | <0.001 |

GA Gestational Age, MOM: Mother’s Own Milk, CS: Cesarean Section, MEF: Minimal Enteral Feeding, FEF: Full Enteral Feeding, DM: Donor Milk

**Table n°3**

**MOM feeding during hospitalization**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **NO** | **YES** | **p** |
| **n°** |  **29** |  **66** |  |
| **GA** (mean (SD)) |  29.28 (2.95) |  28.23 (2.57) |  0.084 |
| **Weight** (mean (SD)) | 1169.24 (291.62) | 1059.64 (281.78) |  0.087 |
| **Sing\_Twins** = S (%) |  14 (50.00)  |  44 (66.67)  |  0.198 |
| **CS** (%) |  24 (82.76)  |  56 (86.15)  |  0.910 |
| **Maternal Age** (mean (SD)) |  32.00 (7.19) |  32.83 (5.68) |  0.553 |
| **Start MOM** (mean (SD)) |  3.00 (2.83) |  4.07 (1.84) |  0.429 |
| **Length of stay** (mean (SD)) |  57.34 (27.31) |  64.59 (25.00) |  0.213 |
| **Average daily weight increment** (mean (SD)) |  23.38 (4.44) |  24.43 (8.26) |  0.527 |
| **Start MEF** (mean (SD)) |  1.90 (1.18) |  1.72 (0.98) |  0.457 |
| **FEF** (mean (SD)) |  14.88 (7.30) |  19.53 (15.73) |  0.162 |

GA: Gestational Age, MOM: Mother’s Own Milk, CS: Cesarean Section, MEF: Minimal Enteral Feeding, FEF: Full Enteral Feeding

**Table n°4**

**Feeding at discharge**

|  |  |  |
| --- | --- | --- |
|  | **FM vs MOM vs MOM+FM** | **FM vs MOM** |
|  | **p** | **p** |
| **GA (mean (SD))** |  0.101 |  0.032 |
| **Weight (mean (SD))** |  0.182 |  0.065 |
| **Sing\_Twins = S (%)** |  0.584 |  0.460 |
| **CS (%)** |  0.323 |  0.538 |
| **Maternal Age (mean (SD))** |  0.048 |  0.059 |
| **Start MOM (mean (SD))** |  0.032 |  0.009 |
| **Length of stay (mean (SD))** |  0.622 |  0.733 |
| **Average daily weight increment (mean (SD))** |  0.845 |  0.562 |
| **Start MEF (mean (SD))** |  0.719 |  0.670 |
| **FEF (mean (SD))** |  0.225 |  0.620 |

GA: Gestational Age, MOM: Mother’s Own Milk, CS: Cesarean Section, MEF: Minimal Enteral Feeding, FEF: Full Enteral Feeding, FM: Formulated Milk



**Figure 1**

FEF

**Start MOM**

**Vs**

**FEF**

Start MOM