MOM INITIATIVE MEASUREMENT GRID

These measures will be calculated and reported to the hospitals in a quality improvement data report on a monthly basis so that facilities can track their progress. These measures are subject to small changes.

Note:
- Inclusion: VLBW (≤1500 g birth weight)
- Exclusions:
  - MOM is contraindicated (e.g., HIV, certain drugs)
  - Expired or transferred out of facility ≤ 24 hours of life
  - Transferred in to facility at >DOL 7
- A data collection sheet should be completed for every infant who meets inclusion criteria.
  - For mothers who do not intend to provide MOM, only the following data collection is required: sex, gestational age, maternal ethnicity, maternal race, date of birth, growth parameters at birth, and mother’s intent to provide MOM.
  - For mothers who do intend to provide MOM, complete data collection is required. These infants are considered “included” infants.
  - If an infant expires or is transferred out of facility prior to a data collection time-point, select the “NA” option. If “NA” is selected for a measure, it will not be included in the denominator for that measure.
- Growth parameters (i.e., weight, head circumference) should be plotted on the Fenton growth curve by the individual hospitals.
- Goals for each of these measures are to be decided on by the collaborative of participating hospitals after baseline data has been analyzed.
- Data should be submitted electronically into FPQC de-identified database on a rolling basis when each data collection sheet is complete.

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<tr>
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<th>Process measures</th>
<th>Description</th>
<th>Requires</th>
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<tr>
<td>1</td>
<td>Mother's documented intent to provide MOM</td>
<td><strong>Numerator</strong>: Number of infants where mother’s intent to provide MOM was documented. <strong>Denominator</strong>: Total number of included infants.</td>
<td>Intent to provide MOM is documented in the medical record.</td>
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<td>2</td>
<td>Lactation assessment ≤24 hours of NICU admission</td>
<td><strong>Numerator</strong>: Number of infants where lactation assessment was conducted ≤24 hours of NICU admission. <strong>Denominator</strong>: Total number of included infants.</td>
<td>Lactation assessment is documented in the medical record or reported by mother.</td>
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<td>3</td>
<td>Availability of a hospital grade pump at maternal discharge</td>
<td><strong>Numerator</strong>: Number of infants where hospital grade pump was available at maternal discharge. <strong>Denominator</strong>: Total number of included infants.</td>
<td>Availability of hospital grade pump at maternal discharge is documented in the medical record or reported by mother.</td>
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<td></td>
<td>First pumping session by the infant's 6th hour of life (HOL)</td>
<td>Numerator: Number of infants where mother’s 1st pumping session occurred by the infant’s 6th hour of life &lt;br&gt; Denominator: Total number of included infants</td>
<td>Mothers have 1st pumping session by the infant’s 6th hours of life documented in the medical record or reported by mother.</td>
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<td>5</td>
<td>Availability of MOM ≤72 HOL for the infant</td>
<td>Numerator: Number of infants where MOM is available ≤72 HOL for the infant &lt;br&gt; Denominator: Total number of included infants</td>
<td>Infants have MOM available ≤72 HOL documented in the medical record.</td>
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<td>6</td>
<td>Non-nutritive breastfeeding documented</td>
<td>Numerator: Number of infants where non-nutritive breastfeeding was documented &lt;br&gt; Denominator: Total number of included infants where mother intends to perform non-nutritive breastfeeding</td>
<td>• Mother’s desire to perform non-nutritive breastfeeding documented in the medical record.  &lt;br&gt; • Infants whose mothers intend to perform non-nutritive breastfeeding have non-nutritive breastfeeding documented in the medical record.</td>
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<td>7</td>
<td>Skin-to-skin care at ≤10 days of life (DOL)</td>
<td>Numerator: Number of infants where skin-to-skin care was documented at ≤10 DOL. &lt;br&gt; Denominator: Total number of included infants where mother intends to perform skin-to-skin care</td>
<td>• Mother’s desire to have skin-to-skin care documented in the medical record.  &lt;br&gt; • Infants whose mothers intend to have skin-to-skin care have skin-to-skin care at ≤10 DOL documented in the medical record.</td>
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<td>8</td>
<td>Average infant feeding volume of MOM on each of the following DOL: 7, 14, 28, and/or initial disposition</td>
<td>Numerator: Average infant feeding volume that is MOM on each of the following DOL: 7, 14, 28, and/or initial disposition &lt;br&gt; Denominator: Average infant feeding volume on the each of the following DOL: 7, 14, 28, and/or initial disposition for included infants &lt;br&gt; Average infant feeding volume (ml) = MOM volume (ml) + Donor human milk volume (ml) + formula volume (ml)</td>
<td>Feeding substrate volumes (i.e., MOM, donor human milk, formula) are documented in the medical record for each of the following DOL: 7, 14, 28, and/or initial disposition.</td>
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<td>#</td>
<td>Outcome measures</td>
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| 1  | MOM pumped volume is ≥500 ml on each of the following DOL: 7, 14, 28, and/or initial disposition | Numerator: Number of infants where MOM pumped volume is ≥500ml on each of the following DOL: 7, 14, 28, and/or initial disposition  
Denominator: Total number of included infants                                                                         | MOM pumped volume is documented in the medical record.                                                                                   |
| 2  | Infant feeding comprised of ≥50% MOM on each of the following DOL: 7, 14, 28, and/or initial disposition | Numerator: Number of infants where feeding is comprised of ≥50% MOM on each of the following DOL: 7, 14, 28, and/or initial disposition  
Denominator: Total number of included infants                                                                         | Feeding substrate volumes (i.e., MOM, donor human milk, formula) are documented in the medical record for each of the following DOL: 7, 14, 28, and/or initial disposition. |
| 3  | Nutritive breastfeeding session occurs at ≤7 days of infant initial disposition | Numerator: Number of infants with a nutritive breastfeeding session at ≤7 days of infant initial disposition  
Denominator: Total number of included infants where mother intends to put the baby to breast | Mother's desire to perform nutritive breastfeeding documented in the medical record.  
Nutritive breastfeeding session at ≤7 days of infant initial disposition is documented in the medical record. |
| 4  | Intention to provide MOM                                                      | Numerator: Number of infants where mother made the informed decision to provide MOM  
Denominator: Total number of all VLBW infants where MOM is not contraindicated | Mother's intention to provide MOM is documented in the medical record.  
Mother received education and/or information on providing MOM and/or her informed decision was documented in the medical record. |
| 5  | Receipt of ≥50% MOM for feeds at infant initial disposition                  | Numerator: Number of infants receiving ≥50% MOM for feeds at infant initial disposition  
Denominator: Total number of all VLBW infants where MOM is not contraindicated                                                       | Feeding substrate volumes (i.e., MOM, donor human milk, formula) are documented in the medical record on the day of initial disposition |
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| 1  | Percent of extra-uterine growth restriction at initial disposition (≤3rd%ile on the Fenton growth curve) for weight | **Numerator:** Number of infants ≤3rd%ile on the Fenton growth curve for weight at initial disposition  
**Denominator:** Total number of included infants | Infant initial disposition weight documented in the medical record. |
| 2  | Percent of extra-uterine growth restriction at initial disposition (≤3rd%ile on the Fenton growth curve) for head circumference | **Numerator:** Number of infants ≤3rd%ile on the Fenton growth curve for head circumference at initial disposition  
**Denominator:** Total number of included infants | Infant initial disposition head circumference documented in the medical record. |
| 3  | Necrotizing enterocolitis (NEC; according to VON definition)                        | **Numerator:** Number of infants having a diagnosis of NEC  
**Denominator:** Total number of included infants | NEC diagnosis using VON definition is documented in the medical record. |
| 4  | Average infant feeding volume of formula on each of the following DOL: 7, 14, 28, and/or initial disposition | **Numerator:** Average infant feeding volume that is formula on each of the following DOL: 7, 14, 28, and/or initial disposition  
**Denominator:** Average infant feeding volume on the each of the following DOL: 7, 14, 28, and/or initial disposition for included infants | Feeding substrate volumes (i.e., MOM, donor human milk, formula) are documented in the medical record for each of the following DOL: 7, 14, 28, and/or initial disposition. |
| 5  | Average infant feeding volume of donor human milk on each of the following DOL: 7, 14, 28, and/or initial disposition | **Numerator:** Average infant feeding volume that is donor human milk on each of the following DOL: 7, 14, 28, and/or initial disposition  
**Denominator:** Average infant feeding volume on the each of the following DOL: 7, 14, 28, and/or initial disposition for included infants | Feeding substrate volumes (i.e., MOM, donor human milk, formula) are documented in the medical record for each of the following DOL: 7, 14, 28, and/or initial disposition. |