|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Trach Scoring Tool** | 44 wk | 48 wk | 52 wk | 56 wk | 60 wk | 64 wk | 72 wk |
| Growth: no issues = 0 (0-2 points), mild/mod = 1 (3-5 points), severe = 2 (>6 points) AGA at birth: Yes = 0, No = 1 ………………………………………………………………………..…..\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ Bone Health: No evidence of fractures/MBD = 0, Fractures/MBD = 1 ……………….\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ Weight Gain: Within Goal for CGA = 0, Below goal for CGA = ……………………………\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ Linear Growth: Improving Z-score= 0, Decrease in Z-score = 1, Z-score < -3 = +1 \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ Weight/Length Status: Z-score in goal -1 to 1 = 0, Z-score outside of goal = 1 …..\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ Fluids (>110mL/k/day): Yes = 0, No = 1 ……………………………………………………………..\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ Caloric intake (70-140 kcal/k/day): Yes = 0, No = 1 ……………………………………………\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ Protein intake (>2.4g/k/d or 11-15% of total calories): Yes = 0, No = 1 ……………..\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ Jennifer Curtis TOTAL \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ |   |  |  |  |  |  |  |
| Upper Airway Issues: No issues = 0, mild to moderate issues = 1, severe =2bronch/ENT |  |  |  |  |  |  |  |
| Airway malacia: None = 0, mild/moderate = 1, severe = 2 CT/Airway team |  |  |  |  |  |  |  |
| Systemic steroids: Pharmacy* 0 = none
* 1 = intermittent bursts (< 1 burst/month)
* 2 = basal steroids (< 0.2 mg/k/d prednisolone) + bursts (>1burst)
* 3 = higher than basal (>0.2mg/k/d) + bursts (>1 burst)
 |  |  |  |  |  |  |  |
| Obstructive Lung Disease (Amount of Albuterol): None (no albuterol) = 0, mild/moderate (BID Albuterol) = 1, severe (>q6h Albuterol) = 2, Symbicort/failed short acting =3 |  |  |  |  |  |  |  |
| O2 need: decrease in need = 0, no decrease in need = 1, increase in need = 2month to month assessment |  |  |  |  |  |  |  |
| Need for sedation: * 0 = none
* 1 = prn
* 2 = scheduled
* 3 = > 2 scheduled + gabapentin
* 4 = continuous sedation + paralysis
 |  |  |  |  |  |  |  |
| Developmental tolerance* 0 = Able to participate in developmentally appropriate activities, without change from baseline respiratory effort, in a 30 minute session
* 1 = Able to participate in developmental activities x 30 minutes, but require rest breaks totaling <10 minutes due to increased respiratory effort from baseline
* 2 = Able to participate in developmental activities x30 minutes, but requires rest breaks totaling >15 minutes due to increased respiratory effort from baseline
* 3 = Unable to participate in developmental activities due to physiologic instability or state dysregulation
 |  |  |  |  |  |  |  |
| Pulmonary hypertension: none = 0, stable off iNO = 1, on iNO = 2, chronically abnormal ECHO x2 +/or PV Stenosis =3  |  |  |  |  |  |  |  |
| Aerodigestive issues: none = 0, reflux/emesis/controlled = 1, reflux/emesis with poor control = 2 |  |  |  |  |  |  |  |
| Need for Diuretics: none = 0, once a day = 1, bid (or QD Lasix plus diuril) = 2 Pharmacy  |  |  |  |  |  |  |  |
| Restraints: None = 0, Continuous or near continuous tight arm swaddling = 1 |  |  |  |  |  |  |  |
| Age add +1 per month |  |  |  |  |  |  |  |
| **Below 3 items for infants who are intubated on mechanical ventilation only** RT |  |  |  |  |  |  |  |
| Number of failed planned extubations |  |  |  |  |  |  |  |
| FiO2: 40% or less = 0, 40-50% = 1, 51-60% = 2, 61-75% = 3, >75% = 4 |  |  |  |  |  |  |  |
| Number of unplanned extubations per month  |  |  |  |  |  |  |  |
| **Below 3 Items for infants on CPAP only** RT |  |  |  |  |  |  |  |
| Interface issues none = 0, nasal redness/breakdown mild = 1, moderate = 2, avatar use = 3, sipap/bipap = 4  |  |  |  |  |  |  |  |
| # failed transitions to NC |  |  |  |  |  |  |  |
| Fi02<30% = 0, 30-40% = 1, 40-50% = 2, 50-60% = 3 >60% = 4 |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |

**Level of concern (zone) for both mechanical ventilation and NCPAP dependent infants:**

|  |  |
| --- | --- |
| <15points | green zone, baby doing well |
| 15-20 points | yellow zone, cautious to follow closely for improvement |
| >20 points | RED baby at increased risk for possible tracheostomy in the next 1-2months if scores not improving |

At the time an infant is in the high yellow zone or low red zone, the concerns will be shared with the infant’s family along with the reasons for the concern, stressing avoidance of long term exposure to negative influences on growth and development.