

Trach Scoring Tool

Areas of Assessment	40 wk	44 wk	48 wk	52 wk	56 wk	60 wk
Upper Airway Issues: none/unknown = 0, mild/moderate issues = 1, severe (bronch/ENT) = 2						
Airway Malacia: none/unknown = 0, mild/moderate = 1, severe = 2						
Aerodigestive Issues: none = 0, reflux/controlled = 1, reflux/emesis with poor control = 2						
Pulmonary Hypertension: none = 0, stable off PH meds = 1, on PH meds = 2						
Restraints: none = 0, continuous or near continuous tight arm swaddling = 1						
Growth: <ul style="list-style-type: none"> 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 – evidence of fractures/MBD?: Yes = 1, No = 0 Weight Gain: within goal of CGA = 0, below goal of CGA = 1 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 (>110 ml/kg/day): Yes = 0, No = 1 Caloric intake (70-140 kcal/kg/day): Yes = 0, No = 1 Protein intake (>2.4 g/kg/day or 11-15% of total calories): Yes = 0, No = 1 						
Developmental Tolerance <ul style="list-style-type: none"> 0 = able to participate in developmentally appropriate activities, without change from baseline respiratory effort, in a 30-minute session 1 = able to participate in developmentally appropriate activities x30 minutes, but requires rest breaks totaling <10 minutes due to increased respiratory effort from baseline 2 = able to participate in developmentally appropriate activities x30 minutes, but requires rest breaks totaling >15 minutes due to increased respiratory effort from baseline 3 = unable to participate in developmentally appropriate activities due to physiologic instability or state dysregulation 						
Diuretics: none = 0, once daily = 1, BID = 2, TID or >1 med = 3						
Neuro-sedatives: none/PRN = 0, scheduled = 1, >2 scheduled = 2, continuous = 3						
Systemic Steroids: none = 0, intermittent bursts (<1/month) = 1, basal steroids (<0.2 mg/kg/day prednisolone equivalent) + bursts (>1) = 2, higher than basal (>0.2 mg/kg/day) + bursts (>1) = 3						
Obstructive Lung Disease: none = 0, mild (BID bronchodilator) = 1, moderate (q6-8 bronchodilator ± inhaled steroid) = 2, severe (long-acting beta agonist and/or bronchodilator >q6) = 3						
O₂ Need: decrease in need = 0, <5% increase in need = 1, >5% increase in need = 2						
Age adds +1 per month	0	1	2	3	4	5
FOR INFANTS INTUBATED ON MECHANICAL VENTILATION ONLY						
Total number of failed planned extubations						
FiO ₂ : 40% or less = 0, 41-50% = 1, 51-60% = 2, 61-75% = 3, >75% = 4						
Number of unplanned extubations per month						
PEEP: <8 = 0, >8 = 1						
FOR INFANTS ON NONINVASIVE ONLY						
Interface issues: none = 0, mild nasal redness/breakdown = 1, moderate nasal breakdown = 2, BiPAP/NIPPV = 3						
FiO ₂ : <30% = 0, 30-40% = 1, 41-50% = 2, 51-60% = 3 >60% = 4						
Number of failed transitions to LFNC						
TOTAL						

<15 points	Green zone – baby doing well
15-20 points	Yellow zone – cautious & follow closely for improvement
>20 points	Red zone – baby at increased risk for tracheostomy if scores not improving