## Inpatient Guideline for Treatment of Bronchiolitis (age < 24 months)

### Respiratory Score

<table>
<thead>
<tr>
<th>RR</th>
<th>0 POINTS</th>
<th>1 POINT</th>
<th>2 POINTS</th>
<th>3 POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 2 mo</td>
<td>≤60</td>
<td>61-69</td>
<td>≥70</td>
<td></td>
</tr>
<tr>
<td>2-12 mo</td>
<td>≤50</td>
<td>51-59</td>
<td>≥60</td>
<td></td>
</tr>
<tr>
<td>12-24 mo</td>
<td>≤40</td>
<td>41-44</td>
<td>≥45</td>
<td></td>
</tr>
</tbody>
</table>

### Retractions

- None
- Subcostal or intercostal
- 2 of the following: subcostal, intercostal, substernal, OR nasal flaring (infant)
- 3 of the following: intercostal, substernal, supraclavicular, OR nasal flaring/head bobbing/grunting

### Dyspnea

- Normal feeding, vocalizations, and activity
- 1 of the following: difficulty feeding, decreased vocalization, or agitated
- 2 of the following: difficulty feeding, decreased vocalization, or agitated
- Stops feeding, no vocalization; drowsy/confused

### Auscultation

- Normal breathing, no wheezing
- End-expiratory wheeze
- Expiratory wheeze only
- Inspiratory or expiratory wheeze OR diminished breath sounds

### Pre-Suction Score is LOW (1-4)

- Non-invasive suctioning (nasal aspirator, or bulb syringe)
- Next Score, Suction, Score: Prior to feeding, or with increase distress
- Minimum Scoring is Q4 hours!
- No continuous pulse oximetry
- If on IV/NG fluids, discontinue fluids and restart oral feeds
- Evaluate for respiratory/oxygen support

### Pre-Suction Score is MODERATE (5-8)

- Non-invasive suctioning (Nasal aspirator only. Invasive NP suction should be used RARELY in this group, for patients who are clinically worsening)
- Next Score, Suction, Score: Prior to feeding, or with increase distress
- Minimum Scoring is Q2 hours!
- Consider continuous pulse oximetry if clinical status indicates
- Consider IV fluids or fluid bolus
- Reevaluate for respiratory/oxygen support

### Pre-Suction Score is HIGH (9-12)

- Non-invasive suctioning (Nasal aspirator only. Invasive NP suction if patient not improved with nasal aspirator.)
- Next Score, Suction, Score: In 1 hour, or with increase distress
- Continuous pulse oximetry
- Consider NG/IV fluids & safety of oral feeds
- Reevaluate /escalate respiratory support

### Discharge Criteria

- Patient should meet ALL criteria:
  - Respiratory score <5 for at least 8 hours
  - No need for invasive (NP) suctioning for 4 hours
  - Off supplemental O2 for 12 hours
  - If apnea occurred, no further apnea for 48 hours
  - Feeding adequately
  - Family teaching: respiratory distress and suction completed
  - Follow up care established

### ATTENTION!

- Any change between scoring levels must be reported to the physician
- Any patient on high flow nasal cannula (HFNC) will have Score, Suction, Score assessment done at least every 2 hours regardless of their score.
- Consider weaning from HFNC to room air when flow is at 1L/kg/min (or 5L/min if <5kg)

### Exclusion Criteria:

- Cardiac Disease
- Chronic Lung Disease
- Reactive Airway Disease/Asthma

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Rev 11/2022