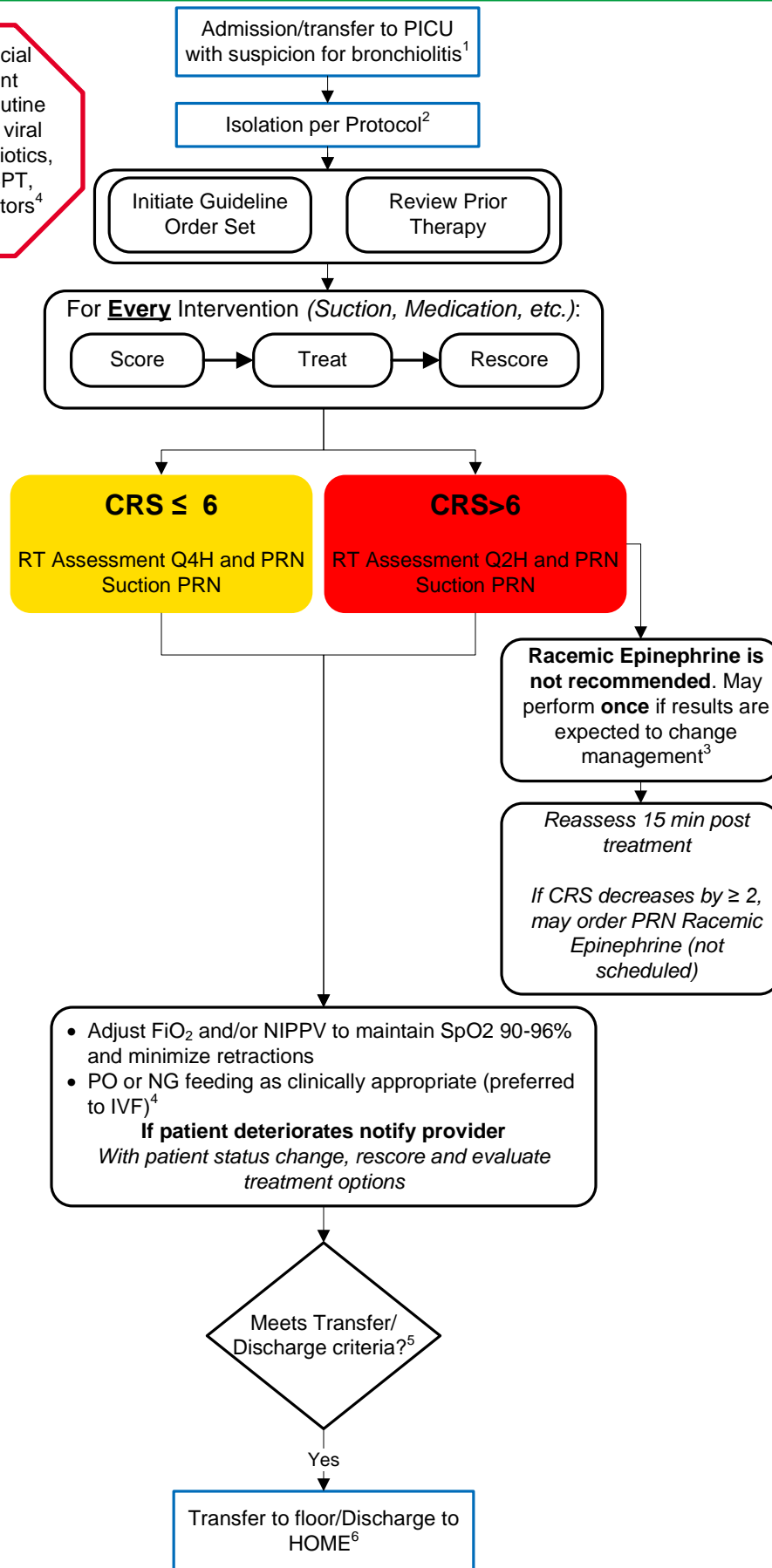


Clinical Practice Guideline for Bronchiolitis Management: PICU

FINAL 10/22/20



Not beneficial per current literature: routine CBC, CXR, viral testing, antibiotics, steroids, CPT, bronchodilators⁴



¹Inclusion Criteria

- 1-24 months of age
- Exclusion Criteria:
 - Chronic Conditions
 - Toxic Appearance
 - Invasive mechanical ventilation

²Isolation Guidelines

Enhanced Contact Droplet Isolation for the duration of symptoms per CHOA Guidelines:

- [Symptom Based Isolation Precautions: IP 3-01](#)
- [Respiratory care of patients in Enhanced Contact Droplet Isolation](#)
- [Guidance to Remove Enhanced Contact Droplet Precautions](#)

³Respiratory

- Adjust flow to minimize work of breathing
- Adjust FiO₂ to maintain SpO₂ 90-96%
- While evidence does not support routine use of bronchodilators, may consider one-time trial of Racemic Epinephrine with close attention to clinical response. Racemic epinephrine is preferred over Albuterol. *Do not repeat treatment if previously trialed in ED or IP and no improvement.*
- If inhaled bronchodilator treatment trialed, document clinical response (CRS, Respiratory Assessment) [CHOA Clinical Respiratory Score \(CRS\)](#)
- Scheduled bronchodilators are not indicated

⁴Notes and Recommendations

- Viral testing discouraged unless suspicion of influenza
- Antibiotics should not be administered to patients with Bronchiolitis unless there is concomitant bacterial infection or strong suspicion of one.
- Use of H2 blockers and PPI's not indicated in routine bronchiolitis care
- PO feeding preferred if RR <60 and unlabored

⁵Transfer/Discharge Criteria

- Patient must meet all transfer criteria:
 - Stable on flow settings and FiO₂ allowable on floor for ≥ 8 hours. See campus HFNC criteria: [SR HFNC Guideline](#), [EG/HS HFNC Guideline](#)
 - Suctioning required no more than Q2 hours
 - No apneic events for ≥ 24 hours
- Patient must meet all discharge criteria to go home:
 - Ambient air >4 hours with SpO₂ >90%
 - Adequate hydration
 - Parent verbalizes/demonstrates understanding of illness and home care
 - Parents able to follow-up with PCP within 48 hours

⁶Patient/Family Education

- Nasal suctioning (teach back)
- Signs/symptoms of respiratory distress
- Guidelines for feeding
- Review bronchiolitis teaching sheet
- No smoking in home & avoidance of other environmental pollutants