



A. Inclusion Criteria

- 1 – 24 months
- Diagnosis of bronchiolitis

B. Exclusion Criteria

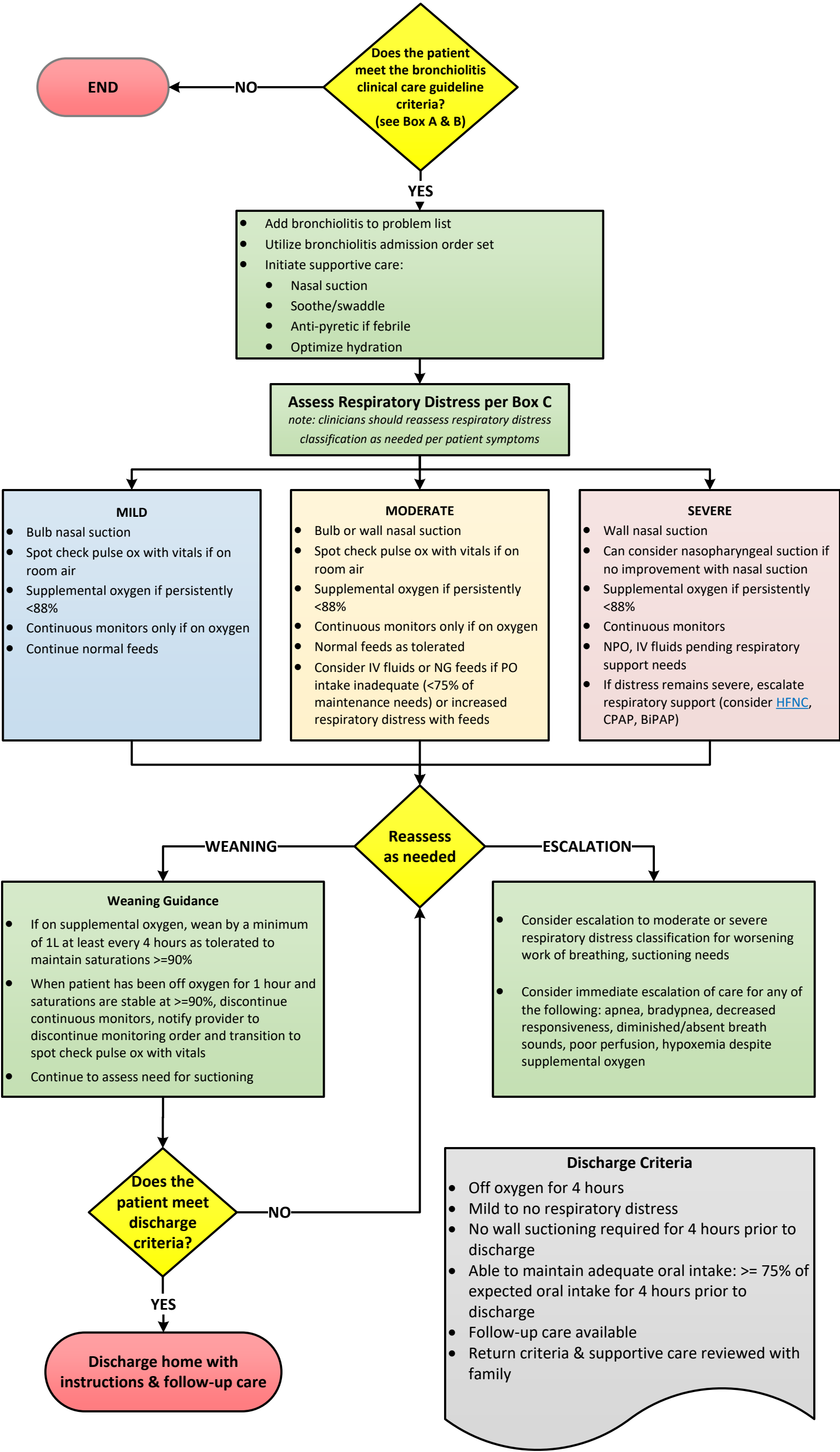
- Prematurity (GA <34 weeks and <6 months of age)
- Chronic lung disease requiring baseline medications or oxygen
- Unrepaired congenital heart disease or hemodynamically significant cardiac disease requiring cardiac medications
- Anatomic airway defects including those with recent repair
- Neuromuscular disease
- Immunodeficiency

C. Respiratory Distress Classification

- Mild:** Accessory muscle use, mild indrawing of subcostal and intercostal muscles, mild tachypnea, no grunting
- Moderate:** accessory muscles use, moderate indrawing of subcostal and intercostal muscles, moderate tachypnea, occasional grunting
- Severe:** use of all accessory muscles, severe indrawing of subcostal and intercostal muscles, severe tachypnea, regular grunting

D. Additional Considerations

- Lapses in assessing suctioning need (>4h) may lead to increased length of stay
- Repeated nasopharyngeal (“deep”) suctioning may lead to nasal edema and may be associated with increased length of stay
- Bronchodilators are not routinely indicated. If a one-time albuterol trial is performed, indication and response should be documented.
- Nebulized hypertonic saline can be considered in admitted children, especially if hospital course protracted.
- Systemic corticosteroids, CXR, and/or viral testing are not routinely recommended.
- Antibiotics are not routinely recommended unless there is evidence of or strong suspicion for a concurrent bacterial infection





This guideline is developed based on the best available evidence and local expert consensus for elements of which evidence are inconclusive.

Bronchiolitis Clinical Care Guideline Overview

Background & Problem:

- Variation in care of bronchiolitis patients has resulted in higher than expected observed/expected length of stay (LOS) ratio.

Outcome Measure:

- Length of stay

Inclusion:

- Patients 1 – 24 months
- ED: clinical impression bronchiolitis
- Inpatient: diagnosis of bronchiolitis

Process Measures:

- ED discharge rate

Exclusion:

- Prematurity (GA <34 weeks and <6 months of age)
- Chronic lung disease requiring baseline medications or oxygen
- Unrepaired congenital heart disease or hemodynamically significant cardiac disease requiring cardiac medications
- Anatomic airway defects including those with recent repair
- Neuromuscular disease
- Immunodeficiency

Balancing Measures:

- No return to ED rate

Contributors

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Version History

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