

RWJBH High Flow Nasal Cannula Weaning Pathway in Children with Bronchiolitis <2 Years of Age

Weaning pathway to be considered once patient is 4 hours on stable high flow nasal cannula settings.

Titrate FiO₂ to keep saturations between 92%-96%

Bronchiolitis Scoring Tool

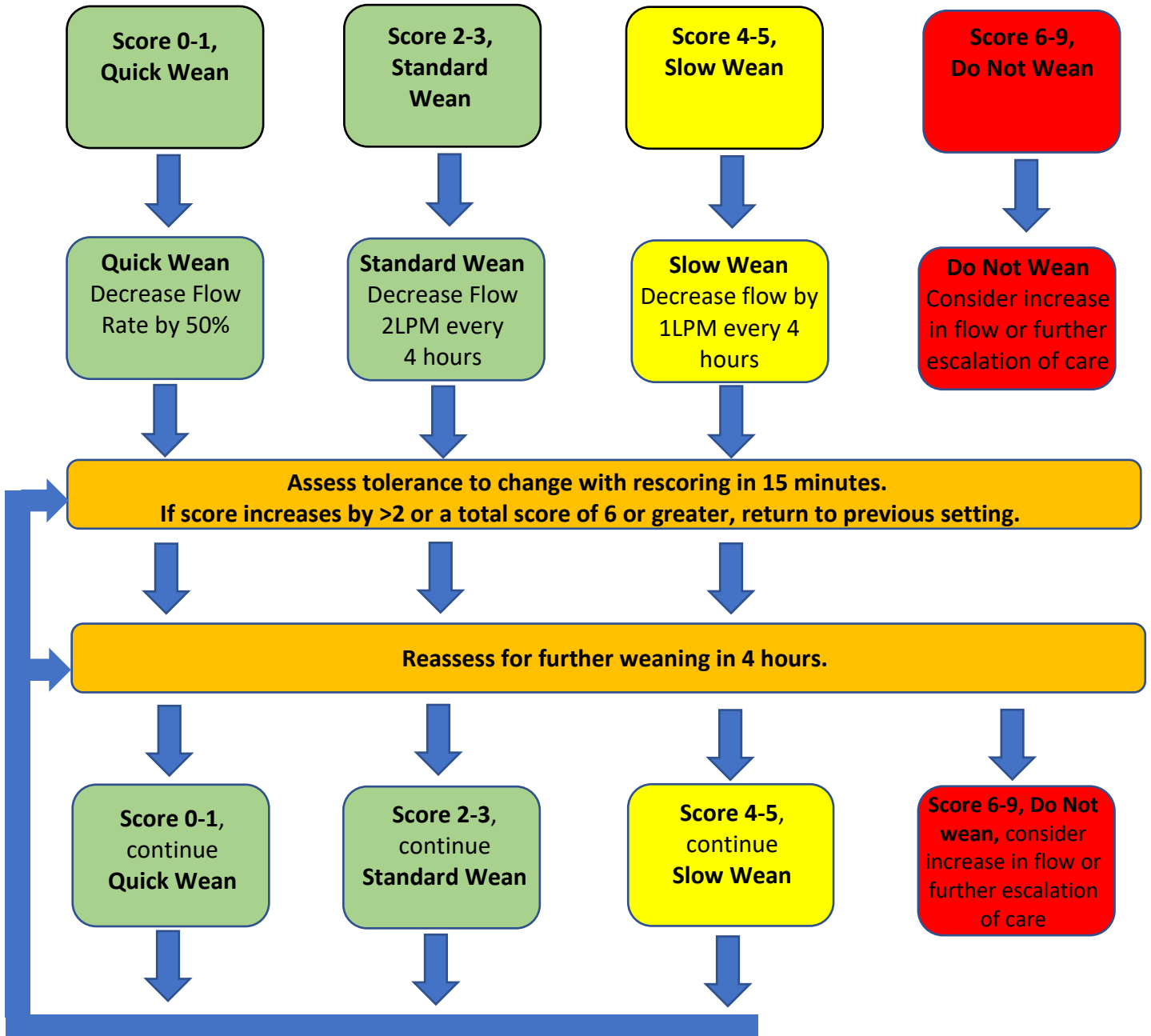
Score	Respiratory Rate	Respiratory Auscultation	Work of Breathing
0	0-6 months: RR: <50 7-12 months: RR: <45 13-24 months: RR: <40	Normal	Normal
1	0-6 months: RR: 50-60 7-12 months: RR: 46-50 13-24 months: RR: 41-45	Localized or minimal abnormal breath sounds	Mild
2	0-6 months: RR: 61-70 7-12 months: RR: 51-60 13-24 months: RR: 46-50	Decreased aeration with abnormal breath sounds throughout	Moderate OR nasal flaring
3	0-6 months: RR>70 7-12 months: RR>60 13-24 months: RR>50	Absent aeration throughout	Severe OR head bobbing

Score Calculation Example:

13-month-old with RSV, RR-66, minimal abnormal breath sounds and nasal flaring.

This patient would be scored at 3 for respiratory rate, 1 for respiratory auscultation, and 2 for nasal flaring giving a total score of 6.

Patient on Stable High Flow Settings for >4 hours, can start weaning based pathway below:



When Flow 4LPM and Score 0-3:
 FiO₂=21%, transition to room air
 FiO₂>21%, transition to low flow nasal cannula