

Alberta Pediatric RSV Prevention Program

Eligibility Criteria 2023-2024

1. Premature: less than or equal to 29 6/7 weeks gestational age born after April 30, 2023 and less than 6 months of age as at November 01, 2023.
2. Premature: 30 0/7 - 32 6/7 weeks gestational age born after August 31, 2023.
3. Premature: 33 0/7 - 35 6/7 weeks gestational age and born after September 30 2023 and answers yes to one of the following questions.
 - Does the family live more than 2 hours from the nearest hospital that provides bronchiolitis treatment?
 - Does the family live in a remote location with no permanent road access? (i.e. Fox Lake)

Point of emphasis: In some situations, there may be an increased risk of severe RSV infection. These risks include being male, SGA (< 10th percentile) part of a crowded household, exposure to smoking and siblings at daycare. In extreme situations, RSV prophylaxis may be warranted. For consideration of a patient with unusual combinations of the above issues, please submit a detailed request to the RSV Prevention Program.

- *It is expected there will be very few approvals based on these grounds.*

4. Premature: less than or equal to 35 6/7 weeks gestational age and less than 2 years of age as at November 01, 2023 with chronic lung disease as evidenced by:(Check all applicable factors)
 - Home oxygen after April 30, 2023
 - On long term prophylaxis or a recent exacerbation needing systemic steroids

Details:

Point of emphasis: Please provide indication for use of oxygen i.e., CLD, pulmonary hypertension and current oxygen supplement requirement- type and flow and concomitant medications. Requirement for oxygen due to central apnea or obstructive sleep apnea are **not** indications for use of RSV Immunoprophylaxis.

- Severe hemodynamically significant congenital heart disease: age less than 1 years of age as at November 01, 2023.

Provide specific diagnosis and/or cardiac medications:

For subsequent seasons children with persistent congenital heart disease will be considered by the RSV Medical Director.

Point of emphasis: Confirmation by a cardiologist is required to verify the congenital heart defect as hemodynamically significant. Examples of eligible and non-eligible cardiac lesions are listed below.

Eligible	Non-Eligible
Pulmonary Hypertension Tetralogy of Fallot Hypoplastic Left Heart Syndrome Cyanotic Heart Disease Congestive Heart Disease Atrio-Ventricular Septal Defect Interrupted Aortic Arch Transposition of the Great Arteries	Uncomplicated or small ASD and VSD Patent Ductus Arteriosus Pulmonary Stenosis Uncomplicated Aortic Stenosis Mild Coarctation of the Aorta

- Tracheostomy: age less than 2 years of age as at November 01, 2023. Prophylaxis may be considered in those age less than 4 years as at November 01, 2023 if ventilator dependent.
- Trisomy 21: age less than 2 years of age as at November 01, 2023.

8. a) Other categories in term or preterm infants: age less than 2 years of age as at November 01, 2023. including:

- persistent requirement for home oxygen due to pulmonary hypertension, chronic lung disease, meconium aspiration or gastro-esophageal reflux disease

Point of emphasis: Requirement for oxygen due to central apnea or obstructive sleep apnea are not indications for use of RSV Immunoprophylaxis.

- congenital anomaly of airway i.e. trachea-esophageal fistula, congenital diaphragmatic hernia, Pierre Robin Sequence
- congenital anomaly of the lung i.e. congenital pulmonary airway malformation, interstitial lung disease

8.b) **Exception with no age restriction** significant immunodeficiency and neuromuscular disorders.

- spinal muscular atrophy type 1 weighing less than 15 kg
- severe combined immunodeficiency, stem cell transplant or bone marrow transplant first year post transplant.

Point of Emphasis: In the event the SCT/BMT occurs during the RSV season i.e. January or February and the first-year post-transplant strides two RSV seasons. RSV immunoprophylaxis will be provided for the first season and second season at the request of the referring physician.

10. Other conditions not listed above, physician referral only. Please include supporting documentation. Requires approval from an Alberta RSV Prevention Medical Director.