



Child Health BC Provincial Asthma Guideline

Initial Management of Pediatric Asthma In Emergent/Urgent Care Settings

Table 1: PRAM Scoring Table			
Criterions	Description	Score	Notes
O2 saturation	Greater than or equal to 95% 92-94%	0	O2 saturation must be measured with the patient breathing ambient air until stabilization of the oximetry value for at least 1 minute Turn Off Supplementary Oxygen when measuring PRAM. If SpO2 falls to less than 92%
	Less than 92%	2	you can turn oxygen back on immediately as they have automatically scored maximum (2) points.
Suprasternal Retraction	Absent	0	The suprasternal retraction is visible indrawing of the skin above the sternum and between
Suprasternal Intercostal Substernal	Present	2	the sterno-cleido-mastoid muscle with every intake of breath. This is a visual assessment
Scalene Muscle Contraction	Absent	0	The scalenes are deep cervical muscles located
Scale Muscle Contraction	Present	2	in the floor of the lateral aspect of the neck Scalene contraction cannot be seen. This is a palpable assessment. Land mark for locating scalene muscles in the triangle bordered by the clavicle (in the front), the trapezius (in the back) and neck (medially) in the line with the ear lobe.
Air Entry	Normal	0	**In cases of asymmetry, the most severely affected lung field determines the rating.
	\downarrow at the base	1	Use lung fields to grade air entry. Lung field=two contiguous VERTICAL auscultation zones of the major lobes:
RUL LUL RUL	↓ at the apex and the base	2	Right anterior lung field: RUL & RML Right posterior lung field: RUL & RLL Left anterior lung field: LUL & LLL
RLL	Minimal or absent	3	Left posterior lung field: LUL & LLL
	Absent	0	Use auscultation zones to grade wheeze At least two auscultation zones must be
	Expiratory only	1	affected to influence the rating. **In case of asymmetry, the two most severely
Wheezing	Inspiratory (± expiratory)	2	affected auscultation zones, irrespectively of their location (RUL, RML, RLL, LUL, LLL), will
	Audible without stethoscope or silent	2	determine the rating criterion.
	chest (minimal or no air entry)	3	
PRAM Score Total	0 – 3 Mild	4 – 7	Moderate 8 – 12 Severe

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This document is based on scientific evidence current as of the date of issue.

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