

Appendix 2: Modified Pediatric Asthma Severity Score (MPASS)

MPASS	0	1	2	3
Oxygenation (room air SaO ₂)	≥ 98%	95–97%	90–94%	≤ 89%
Auscultation	No wheezing	End expiratory wheezing	Biphasic wheezing	Wheezing audible without stethoscope or silent chest
Retractions	No retractions	Intercostal retractions or diaphragmatic breathing	2 of the following: <ul style="list-style-type: none"> • Intercostal • Suprasternal • Diaphragmatic breathing • Nasal flaring (infant) 	3 of the following: <ul style="list-style-type: none"> • Subcostal • Intercostal • Substernal • Supraclavicular • Nasal flaring or headbobbing (infant)
Dyspnea	Absent dyspnea; alert; playful; speaks in complete sentences	Some dyspnea; normal activity and speech; irritable, coughing after play	Moderate dyspnea; decreased activity; 5–8 word sentences; not sleeping or eating; coughing after play	Severe dyspnea; not speaking; grunting; lethargic, stops playing
Respiratory Rate				
Infant (birth–12m)	< 60	60–80	81–99	≥ 100
Toddler (1–2y)	< 40	40–60	61–79	≥ 80
Preschool (3–5y)	< 30	30–40	41–59	≥ 60
School (6–12)	< 20	20–26	27–30	≥ 31
Adolescent (13–18)	< 18	18–23	24–27	≥ 28
Score	0	Mild 1–5	Moderate 6–10	Severe 11–15

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