

Table. Potential Alternatives To Albuterol MDIs In Selected Situations.

Clinical Situation	Alternative	Dose
Quick relief of bronchospasm symptoms – children 12 years of age and younger ¹⁴⁻¹⁶	Albuterol MDI (use with face-mask and spacer in children 5 years of age and younger)	2 puffs every 6 to 8 hours
	Albuterol nebulized solution	0.05 mg/kg (1.25 mg minimum to 2.5 mg maximum) every 4 to 6 hours
	Levalbuterol MDI (for children 4 years of age and older)	1 to 2 puffs every 4 to 6 hours
	Levalbuterol nebulized solution [†]	0.025 mg/kg (0.63 mg minimum to 1.25 mg maximum) every 4 to 8 hours ¹⁴ OR 0.31 – 0.63 mg three times a day ¹⁶
Quick relief of bronchospasm symptoms – adults and children older than 12 years of age ^{10,14-17}	Albuterol MDI*	2 puffs every 4 to 6 hours
	Albuterol nebulized solution	1.25 to 5 mg every 4 to 8 hours
	Levalbuterol MDI	1 to 2 puffs every 4 to 6 hours
	Levalbuterol nebulized solution	0.63 to 2.5 mg every 4 to 8 hours ¹⁴ OR 0.63 – 1.25 mg three times a day (every 6 to 8 hours) ¹⁶
	Pirbuterol MDI	2 puffs every 4 to 6 hours

*Proventil HFA and Ventolin HFA are labeled for children 4 years of age and older, ProAir HFA is labeled for children 12 years of age and older.

[†]Levalbuterol dosing recommendations from the Expert Panel Report are for children ≤ 12 years of age. Dosing recommendations from the Xopenex package insert are for children 6 to 11 years of age.