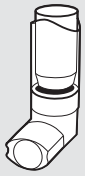
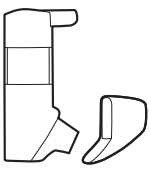

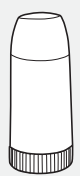
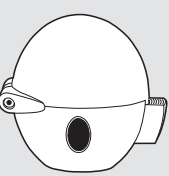
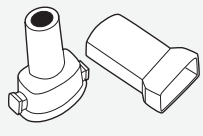
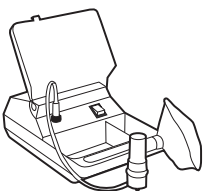
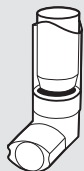
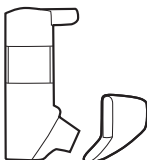
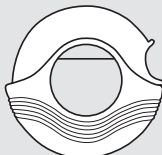

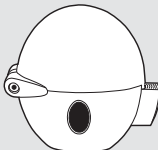


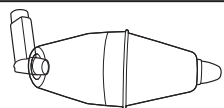
Table 1: Inhaled medicines and delivery devices for use in Chronic Obstructive Pulmonary Disease (COPD)<sup>1</sup>

Class	Generic name	Metered Dose Inhalers (MDI)	Autohaler® (breath-activated)	Dry powder inhalers (DPI)			Nebuliser solutions and nebulisers (reserve home nebuliser use for certain patients)*	
				Accuhaler® 	Turbuhaler® 	HandiHaler® 	Aerolizer® 	
SABA	salbutamol**	Ventolin, Airomir, Asmol, Epaq (100 mcg/dose)	Airomir Autohaler® (100 mcg/dose)					Ventolin Solution (5mg/mL) Single dose: Asmol uni-dose, Butamol, Salbutamol sterinebs, Ventolin Nebules, (1mg/mL (2.5 mL) or 2 mg/mL (2.5 mL)
	terbutaline				Bricanyl Turbuhaler® (500 mcg/dose)			Bricanyl Respules Single dose: 2.5 mg/mL (2 mL)
LABA	eformoterol				Oxis Turbuhaler® (6 or 12 mcg/dose)		Foradile Aerolizer® (12 mcg/ dose)	
	salmeterol	Serevent (25 mcg/dose)		Serevent Accuhaler® (50 mcg/dose)				
SAAC	ipratropium	Atrovent (20 mcg/dose)						Ipravent solution (250 mcg/mL) Single dose: Aeron, Apoven, Atrovent Unit Dose Ipratrin, Ipravent (250 mcg/mL (1mL) or Single dose: Aeron, Apoven, Atrovent Adult Unit Dose Ipratrin Adult, Ipravent (500 mcg/mL (1 mL)
LAAC	tiotropium					Spiriva HandiHaler® (18 mcg/dose)		



Class	Generic name	Metered Dose Inhalers (MDI)	Autohaler® (breath-activated)	Dry powder inhalers (DPI)			Nebuliser solutions and nebulisers (reserve home nebuliser use for certain patients)*
				Accuhaler® 	Turbuhaler® 	HandiHaler® 	
Inhaled corticosteroids	beclomethasone	Qvar (50 mcg or 100 mcg/dose)	Qvar Autohaler® (50 mcg or 100 mcg/dose)				
	budesonide				Pulmicort Turbuhaler® (100mcg, 200 mcg or 400 mcg/dose)		Single dose: Pulmicort Respules (250 mcg/mL (2mL), or 500 mcg/mL (2 mL)
	fluticasone	Flixotide (125 mcg or 250 mcg/dose)		Flixotide Accuhaler® (250 mcg or 500 mcg/dose)			Single dose: Flixotide Nebules (250 mcg/mL (2mL), or 1 mg/mL (2mL)
Combined	salbutamol/ ipratropium	Combivent (100 mcg / 20 mcg/dose)					
	salmeterol/ fluticasone	Seretide (25 mcg / 50 mcg/dose; 25mcg / 125 mcg/dose; 25 mcg / 250 mcg/dose)		Seretide Accuhaler® (50 mcg / 100 mcg/dose; 50 mcg / 250 mcg/dose; 50 mcg / 500 mcg/dose)			
	eformoterol/ budesonide				Symbicort Turbuhaler® (6 mcg / 100 mcg/dose; 6 mcg / 200 mcg/dose; 12 mcg / 400 mcg/dose)		

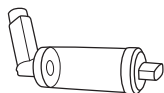
**Large Volume Spacer (650-850mL)**



Eg Volumatic®, Space chamber®, Fisonaire

Not all MDIs fit all large volume spacers. Adapters for the Volumatic® are available to accommodate some MDIs.<sup>5</sup>

**Small Volume Spacer (60-160mL)**



Eg Able Spacer®, AeroChamber®, Breath-A-Tech®

All MDIs can be used with small volume spacers as there is a rubber flange where the MDI is inserted.<sup>5</sup>

SABA= short-acting beta-agonist; LABA= long-acting beta-agonist; SAAC= short-acting anticholinergic; LAAC= long-acting anticholinergic

For more information on each of these devices, refer to the Consumer Medicines Information leaflet provided by the manufacturers.

\*Current guidelines recommend that nebulisers be reserved for patients with acute exacerbations of COPD who do not adequately respond to an MDI plus spacer, or in stable patients who cannot effectively use a MDI plus spacer despite adequate education.<sup>2,3,4</sup>

\*\*Spinhalers® and Rotahalers® are not commonly used in the veteran population. They are two distinct single-dose devices which require the patient to insert each dose of medicine into the device.

**References**

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