

COPD - Primary and Secondary Care Inhaler Device Guide

Please see NHS GG&C COPD guideline for full therapeutic guideline

COPD Management step	Prescribing Choice			No of doses per inhaler	Cost per 200 puffs*	
Step 1: Short-acting beta ₂ agonist (SABA)	1st	Salbutamol CFC free inhaler	Aerosol (MDI)	100 micrograms, two puffs when required	200	£1.50
	2nd	Salbutamol Easyhaler [®]	Dry powder inhaler	100 micrograms, two puffs when required	200	£3.31
	3rd	Salbutamol Easi-Breathe [®]	Breath actuated inhaler	100 micrograms, two puffs when required	200	£6.30

Step 2:					Cost over 30 days	
Long-acting beta ₂ agonist (LABA)	1st	Formoterol Easyhaler[®]	Dry powder inhaler	12 micrograms, one puff twice daily	120	£11.88
	2nd	Atimos (formoterol) Modulite [®]	Aerosol (MDI)	12 micrograms, one puff twice daily	100	£18.04
Other inhalers licensed at this step:		Foradil [®] (formoterol) dry powder inhaler 12 micrograms/capsule, one capsule twice daily				£28.06
		Neovent [®] (salmeterol) MDI 25 micrograms, two puffs twice daily				£29.26
		Oxis [®] (formoterol) Turbohaler 12 micrograms, one puff twice daily				£24.80
		Serevent [®] (salmeterol) MDI 25 micrograms, two puffs twice daily				£29.26
		Serevent [®] (salmeterol) Accuhaler 50 micrograms, one puff twice daily				£29.26
		Striverdi [®] (olodaterol) Respimat 2.5micrograms, two puffs once daily				£26.35

OR					Cost over 30 days	
Long-acting muscarinic antagonist (LAMA)	1st	Spiriva (tiotropium) refill capsules[®] for HandiHaler[®]	Dry powder inhaler	18 micrograms, one capsule daily	30	£33.50
	2nd	Eklira (aclidinium) Genuair [®]	Dry powder inhaler	322 micrograms, one puff twice daily	60	£28.60
Other inhalers licensed at this step:		Incruse (umeclidinium) Ellipta [®] 55micrograms, one puff once daily				£27.50
		Spiriva (tiotropium) Respimat [®] 2.5micrograms, two puffs once daily				£33.50

Step 3:
If persistent breathlessness and/or repeated exacerbations despite treatment at step 2

Is the FEV₁ < 50% predicted **and** 2 or more exacerbations in 12 consecutive months?

No → Has there been a response/partial response to step 2 single agent LAMA or LABA therapy?

Yes → Go to step 2 and trial an alternative single agent LABA or LAMA

Yes → **Combined LABA/LAMA: Please note, stop step 2 LABA or LAMA:**

				No of doses	Cost over 30 days
1st	Duaklir[®] (aclidinium & formoterol) Genuair	Dry Powder inhaler	340/12 micrograms, one puff twice daily	60	£32.50
Other inhalers licensed at this step:	Anoro [®] (umeclidinium/vilanterol) Ellipta 55/22micrograms, one puff once daily				£32.50
	Spiolto [®] (tiotropium/olodaterol) Respimat 2.5/2.5 micrograms, two puffs once daily				£32.50

Yes → **Combined Inhaled Corticosteroid & LABA: please note stop step 2 LABA but continue LAMA. If not on LAMA consider adding if appropriate.**

				No of doses	Cost over 30 days
1st	Fostair[®] (extra fine beclometasone & formoterol) MDI	100/6 micrograms, two puffs twice daily		120	£29.32
2nd	Fostair[®] (extra fine beclometasone & formoterol) Nexthaler[®] dry powder inhaler	100/6 micrograms, two puffs twice daily		120	£29.32
or 2nd	Duoresp Spiromax [®] (budesonide & formoterol) dry powder inhaler	320/9 micrograms, one puff twice daily		60	£29.97
or 2nd	Symbicort Turbohaler [®] (budesonide & formoterol) dry powder inhaler	400/12 micrograms, one puff twice daily		60	£38.00
Other inhalers licensed at this step:	Seretide [®] (fluticasone propionate/salmeterol) Accuhaler 500/50micrograms, one puff twice daily				£40.92
	Relvar [®] (fluticasone furoate/vilanterol) Ellipta 92/22micrograms, one puff daily				£27.80

For dose equivalencies and other prescribing/ licensing information please see individual BNF/SPC for guidance

MDI: Metered dose inhaler

* Costs: refer to BNF Jan 2016

NHSGG&C Prescribing Support Disclaimer

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