

		Feedback signals confirming correct inhalation	Efficacy Criteria						General Criteria						
			Patient feedback of doses taken (visual/acoustic)	Lactose carrier (taste feedback)	Dose counter	FPF air flow rate independence	Achievable IFR (asthmatic child, severe asthma COPD)	Device resistance	Minimum FR controlled to achieve adequate lung deposition?	Advance warning of last dose	Protection from ambient humidity	Unusable if empty	Reliable	Max. number of doses	
INHALERS		Whole product range available (2019)													
	AeroHaler	IP	-	✓	n.a.	-	n.a.	+++	-	✓	-	✓	✓	6	
	Aerolizer = Cyclohaler	F, BUD, BDP	*	✓	n.a.	-	> 6yrs	+	-	n.a.	✓	n.a.	n.a.	1	
	Autohaler	S, BDP	✓	-	✓	✓	> 4yrs	+	✓	-	✓	-	-	200	
	Breezehaler	I, G	✓	✓	-	-	✓	+	✓	n.a.	✓	n.a.	✓	30	
	Clickhaler	S, BDP	*	✓	✓	✓	> 6yrs	+++	✓	✓	-	✓	-	200	
	Cyclohaler = Aerolizer	S, BDP, BUD, IP, F	*	✓	n.a.	-	> 6yrs	++	✓	n.a.	✓	-	n.a.	1	
	Diskhaler	SAL, BDP, FP, Z	*	✓	-	-	> 4yrs	+	-	-	✓	-	✓	4 or 8	
	Diskus = Accuhaler	S, SAL, FP	*	✓	✓	✓	> 4yrs	++	-	✓	✓	✓	-	60	
	Easyhaler	S, BDP, BUD, F	*	✓	✓	-	> 6yrs	++++	-	✓	✓	-	-	200	
	Ellipta	V, FF	*	✓	✓	?	>12yrs	++	-	✓	✓	✓	-	30	
	Genuair	A, F	✓	✓	✓	-	n.a.	++	?	✓	✓	✓	-	200	
	Handihaler	TI	**	✓	n.a.	-	-	++++	?	n.a.	✓	n.a.	-	1	
	pMDI	S, F, SAL, BUD, FP, BDP, IP	-	-	✓/-	✓	-	-	-	-	✓	-	-	200	
	Nexthaler	F + BDP	✓	✓	✓	✓	✓	++++	✓	✓10	✓	✓	-	120	
	Novolizer	S, F, BUD	✓	✓	✓	✓	> 6yrs	++	✓	✓	✓	✓	✓	200	
	Respimat	TI, O	✓	✓	-	-	✓	✓	-	-	-	n.a.	✓	60	
	Spiromax	F, BUD	**	✓	✓	✓	✓	+++	✓	✓	✓	-	-	120	
	Turbuhaler	T, F, BUD	*	✓	✓	-	> 6yrs	++++	-	✓	✓	-	-	200	
	Twisthaler	MOM	*	✓	✓	-	>12yrs	+++	-	✓	✓	-	-	120	

LEGEND:

does have: ✓ /very high: +++++ / low: + /
does not have: - / not applicable: n.a.

* taste only

** taste & acoustic only

Drug Products

A: Acclidinium

BDP: Beclomethasone

BUD: Budesonide

C: Cromoglicate

F: Formoterol

FF: Fluticasonefuroate

FP: Fluticasonepropionate

G: Glycopyrronium

I: Indacaterol

IP: Ipratropium

MOM: Mometasone

O: Olodaterol

S: Salbutamol

SAL: Salmeterol

T: Terbutaline

TI: Tiotropium

V: Vilanterol

Z: zanamivir