























		Feedback signals confirming correct inhalation		Efficacy Criteria						General Criteria									
INHALERS	Whole product range available (Mar 2005)	Patent feedback of doses taken (visual/acoustic)	Lactose carrier (taste feedback)	Dose counter	Dose counter measuring inhalations actually taken	FPF air flow rate independence	Achievable IFR (asthmatic child, severe asthma COPD)	Device resistance	Minimum FR controlled to achieve adequate lung deposition?	Overdose-secure	Dose metering: blister pack (maximum)	Reservoir (maximum)	Advance warning of last dose	Protection from ambient humidity	Device lock-out	Reloadable	Max. number of doses		
			AeroHaler	IP	-	✓	n.a.	-	-	-	n.a.	+++	-	✓	✓(6)	-	✓	-	✓
	Aerolizer = Cyclohaler	F, BUD, BDP	*	✓	n.a.	-	-	-	> 6yrs	+	-	n.a.	✓(1)	-	n.a.	✓	n.a.	n.a.	1
	Autohaler	S, BDP	✓	-	✓	-	✓	✓	> 4yrs	+	✓	✓	-	✓(200)	-	✓	-	-	200
	Breezehaler	I, G	✓	✓	-	-	✓	-	✓	+	✓	✓	✓(30)	-	n.a.	✓	n.a.	✓	30
	Clickhaler	S, BDP	*	✓	✓	-	-	✓	> 6yrs	+++	✓	✓	-	✓(200)	✓	-	✓	-	200
	Cyclohaler = Aerolizer	S, BDP, BUD, IP	*	✓	n.a.	-	✓	-	> 6yrs	++	✓	-	✓(1)	-	n.a.	✓	-	n.a.	1
	Diskhaler	SAL, BDP	*	✓	-	-	-	-	> 4yrs	+	-	✓	✓(8)	-	-	✓	-	✓	4 or 8
	Diskus = Accuhaler	S, SAL, FP	*	✓	✓	-	-	✓	> 4yrs	++	-	-	✓(60)	-	✓	✓	✓	-	60
	Easyhaler	S, BDP, BUD	*	✓	✓	-	-	-	> 6yrs	++++	-	-	-	✓(200)	✓	✓	-	-	200
	Ellipta	V, FF	*	✓	✓	-	✓	?	>12yrs	++	-	✓	-	✓(30)	✓	✓	✓	-	30
	Genuair	A	✓	✓	✓	✓	✓	-	n.a.	++	?	✓	-	✓(200)	✓	✓	✓	-	200
	Handihaler	TI	**	✓	n.a.	-	✓	-	-	++++	?	n.a.	✓(1)	-	n.a.	✓	n.a.	-	1
	Jethaler	BUD	-	✓	✓	-	-	-	-	+++	-	-	-	✓(200)	✓	-	-	✓	200
	pMDI	S, F, SAL, BUD, FP, BDP, IP	-	-	✓/-	-	✓	✓	-	-	-	✓	-	✓(200)	-	✓	-	-	200
	Nexthaler	F+BDP	✓	✓	✓	✓	✓	✓	✓	++++	✓	✓	✓	✓(120)	✓10	✓	✓	-	120
	Novolizer	S, F, BUD	✓	✓	✓	✓	✓	✓	> 6yrs	++	✓	✓	-	✓(200)	✓	✓	✓	✓	200
	Pulvinal	S, BDP	*	✓	✓	-	✓	✓	✓	++++	✓	✓	-	✓(100)	✓	✓	-	-	200
	Respimat	-	✓	✓	-	-	-	✓	✓	✓	-	-	✓(60)	-	-	-	-	✓	60
	Spinhaler	C	-	-	✓	-	-	-	✓	+	-	-	✓(1)	-	n.a.	-	✓	-	1
	Spiromax	F, BUD	**	✓	✓	-	✓	✓	✓	+++	✓	✓	-	✓(120)	✓	✓	-	-	120
	Turbuhaler	T, F, BUD	*	✓	✓	-	-	-	> 6yrs	++++	-	✓	-	✓(200)	✓	✓	-	-	200
	Twisthaler	MOM	*	✓	✓	-	-	-	>12yrs	+++	-	✓	-	✓(120)	✓	✓	-	-	120

**LEGEND:**

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

\* taste only

\*\* taste & acoustic only

S: Salbutamol

T: Terbutaline

F: Formoterol

SAL: Salmeterol

V: Vilanterol

I: Indacaterol

BDP: Beclomethasone

BUD: Budesonide

MOM: Mometasone

FF: Fluticasonefuroate

FP: Fluticasonepropionate

IP: Ipratropium

TI: Tiotropium

A: Acclidinium

G: Glycopyrronium

C: Cromoglicate