CREST
Chest Research and Training Pvt.Ltd.

Physicians' Perceptions of the Impact of an Extended-Dose Pack versus Regular Pack on Adherence to Inhaled Maintenance Medication in Asthma and COPD: A Cross-Sectional Survey

Study Questionnaire

Basic Demographics / Doctor details	**Name** _____ **Qualification**: MBBS / MD (Chest) / DM (Pulmo / DNB / DCH) / MD (Med) / DNB (Med) Any other, please specify: _____ **Years of Practice**: _____ **Practice setting**: Private Clinic / Private Hospital / Govt. Hospital **Specialization**: Chest Physician / Consulting Physician / Other (please specify) _____ City _____ State _____
Physician practice profile	➢ **On an average how many patients do you see per month?** _____ ➢ **Approximately how many asthma patients do you manage per month?** • New patients: ___ • Follow-up/old patients: ___ ➢ **Approximately how many COPD patients do you manage per month?** • New patients: ___ • Follow-up/old patients: ___
Foracort prescribing pattern	➢ **Approximately what proportion of your asthma patients receive Formoterol/Budesonide ?** _____ % ➢ **Approximately what proportion of your COPD patients receive Formoterol/Budesonide ?** _____ % ➢ **For how long have you been prescribing the Extended-Dose Pack to your patients with asthma and/or COPD?** ☐ Less than 6 months ☐ 6 months to less than 1 Year ☐ More than 1 Year

➢ **Among your patients receiving Foracort, approximately what proportion do you prescribe:**

Pack type		Pack Information	Asthma	COPD
Regular Pack Formoterol/Budesonide 200 & 400mcg	pMDI (120 doses)	Unit dose cost is same for 120 and 180 dose packs	___%	___%
	Rotacap (pack of 30)	Unit dose cost is same for 30 and 60 dose pack	___%	___%
Extended- Dose Pack Formoterol/Budesonide 200 & 400mcg	pMDI (180 doses)	Unit dose cost same for 120 and 180 dose packs	___%	___%
	Rotacap (pack of 60)	Unit dose cost same for 30 and 60 dose pack	___%	___%
Total			100%	100%

Physician assessment of adherence

➢ **Based on your clinical experience, approximately what proportion of patients are adherent to their prescribed treatment?**
(Please provide your estimate out of 100 patients)

[Note: Patient to be considered 'adherent' if the physician believes that a patient takes at least 75% of the prescribed inhaled maintenance medication doses during a typical month of treatment.**]**

Pack type		Asthma	COPD
Regular Pack Formoterol/Budesonide 200 & 400mcg	pMDI (120 doses)	___ / 100	___ / 100
	Rotacap (pack of 30)	___ / 100	___ / 100
Extended- Dose-Pack Formoterol/Budesonide 200 & 400mcg	pMDI (180 doses)	___ / 100	___ / 100
	Rotacap (pack of 60)	___ / 100	___ / 100

Physician assessment of adherence	**Compared with patients receiving the regular pack, adherence among patients receiving the extended-dose pack is:** • Much better • Somewhat better • No difference • Somewhat worse • Much worse • Unable to assess
Reasons for non-adherence	➢ **In your opinion what are the key barriers to adherence to inhaled maintenance therapy of formoterol/budesonide in your asthma and COPD patients? (You can choose one or more options)** • Side effects • Lack of understanding of the need for regular treatment • Delay in refill due to poor accessibility • Perception that medication is not required when symptoms improve • Fear/concerns about long-term medication • Cost • Difficulty remembering to take doses • Inhaler technique difficulties • Patient lifestyle/work-related factors • Other (Specify): _____
Patient characteristics associated with adherence	➢ **Which patients, in your opinion, are most likely to benefit from an Extended dose pack? (You can choose one or more options)** • Elderly patients • Difficulty in accessing the pharmacy for a refill (e.g. Remote location) • Patients with frequent exacerbations • Patients frequently forgetting doses • Patients taking multiple medications • Patients with poor disease awareness • All patients requiring long-term maintenance therapy • Busy Lifestyle / working professional • Frequent travellers • Caregiver-dependent patients • Other: _____

Physician perspective on the Extended-Dose Pack	➢ **What do you consider the main advantages / disadvantages of the Extended-Dose Pack compared to Regular Pack** Advantages: _____ Disadvantages: _____

➢ **Overall, how would you rate the Extended-Dose Pack compared with the Regular Pack with respect to:**

Attribute	**Strongly disagree**	**Disagree**	**Neither agree nor disagree**	**Agree**	**Strongly Agree**
Using an adherence pack is more convenient for patients	o	o	o	o	o
Using an adherence pack reduces the frequency of medication refills	o	o	o	o	o
Using an adherence pack improves medication adherence	o	o	o	o	o
Using an adherence pack helps in maintaining treatment continuity	o	o	o	o	o
Using an adherence pack improves patient satisfaction	o	o	o	o	o
Using an adherence pack helps achieve better disease control	o	o	o	o	o
Using an adherence pack is more cost-beneficial for patients because it reduces the frequency of doctor visits	o	o	o	o	o
Using an adherence pack may be detrimental because it can delay follow-up visits with the doctor	o	o	o	o	o
Patients are reluctant to bear the higher initial purchase amount					
Higher chance of damage to Rotacaps due to humidity in the extended-dose pack					