


SmartMed Envelope: **Simplifying Medication Instructions** **for Enhanced Patient Safety Beyond** **Hospital Stay**

Presentation By :

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Details of the Solution

SmartMed Envelope: Simplifying Medication Instructions for Enhanced Patient Safety Beyond Hospital Stay

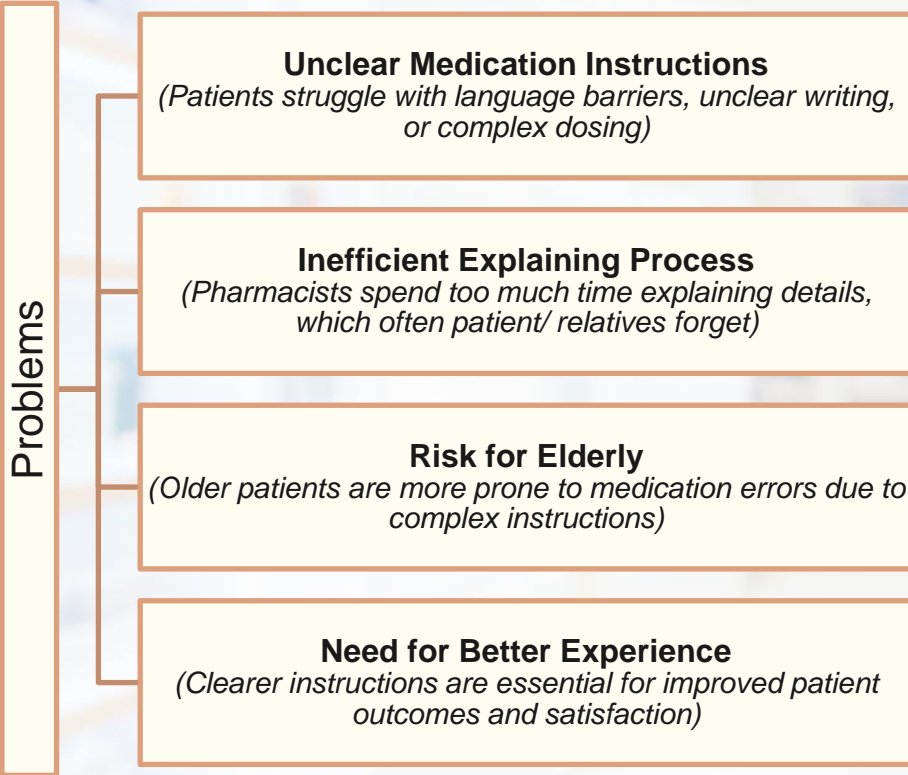
The **SmartMed Envelope** is an innovative solution designed to enhance medication safety and patient understanding. This tri-lingual envelope uses checkboxes and pictorial guides to simplify information, making it user-friendly for all patients, including the elderly.

Key features include:

- Instructions written in **tri-lingual** (English, Hindi & Bengali)
- **Clear Identification:** Name of the medicine is prominently marked.
- **Dosage Instructions:** Indicates frequency and specific instructions (e.g., once daily, before food).
- **Timing of Intake:** Specifies whether to take before or after food.
- **Administration Method:** Indicates if medication is oral or otherwise.
- **Storage Conditions:** Provides clear storage instructions.
- **Checkboxes for Easy marking,** saving time for the pharmacist
- **Cost-effective** - Less than 1 rupee per envelope

Pharmacists can complete the form in about **30 seconds**, improving efficiency. The envelope also includes hospital branding and emergency contact details. At just INR 0.77+GST per envelope, **which is less than 1 rupee, it is cost-effective**, enhancing patient safety and experience with minimal investment. The SmartMed Envelope represents **a best practice in pharmacy dispensing, combining innovation and practicality for superior patient care.**

Relevance & Impact of the Solution



Why choose SmartMed Envelope

Enhanced Clarity,
Clear Instruction

Streamlined OP
Pharmacy
Operations

Reduced
Medication
Errors

Elevated Patient
Experience

Cost Effective
Solution

Supports
Compliance

Improves
Communication

Patient Safety
beyond hospital
visit

Scalability & Usefulness To Other Hospitals

The SmartMed Envelope is a versatile solution that can be easily implemented in other hospitals, providing benefits across diverse healthcare settings. Its cost-effective design, at less than 1 rupee per envelope, makes it affordable for hospitals of all sizes. The envelope's tri-lingual and pictorial format can be adapted to fit regional languages and patient demographics, ensuring broad applicability. By offering a clear and standardized method for dispensing medication instructions, it helps improve patient safety and compliance in any hospital. Additionally, its easy-to-use design enhances pharmacy efficiency and patient throughput, making it a scalable solution for healthcare providers.

- **Easy Implementation** : Minimal adjustments needed to fit local languages and practices.
- **Cost-Effective** : Affordable solution with high returns on safety and efficiency.
- **Adaptable Design** : Customizable for diverse languages and patient populations.
- **Universal Application** : Suitable for various medications and patient groups.
- **Standardized Care** : Provides consistent medication instructions across hospitals.
- **Enhanced Efficiency** : Improves workflow and pharmacy operations in any setting.
- **Hospital Branding**: Features hospital logo and contact details, reinforcing the hospital's brand and reliability.

Summary

CK BIRLA HOSPITALS | BMB

Name of the Medicine :

BM Birla Heart Research Centre - A Unit of The Calcutta Medical Research Institute
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Always Purchase Genuine Medicine.
Avoid Self Medication.

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 Take once daily दिने एकवार दिन - में एक बार	<input type="checkbox"/>	 Take before food (AC) खाওয়ার আগে खाने से पहले	<input type="checkbox"/>
 Take two times a day दिने दुवार दिन - में दो बार	<input type="checkbox"/>	 Take after food (PC) खाওয়ার পর खाने के बाद	<input type="checkbox"/>
 Take three times a day दिने त्रवार दिन - में तीन बार	<input type="checkbox"/>	 Not to taken orally खाওয়ার জন্য নয় खाने पीने वाली नहीं है	<input type="checkbox"/>
 Four times a day दिने चारवार दिन - में चार बार	<input type="checkbox"/>		
 Take at night only सुथमात्र राते केवल रात में	<input type="checkbox"/>		
 SOS (if need) यधन सहायता पड़ने पर जरूरत पड़ने पर	<input type="checkbox"/>		

Storage condition

- ☐ Room Temperature
- ☐ Refrigerator (2°C to 8°C)

The SmartMed Envelope from BM Birla Heart Research Centre simplifies medication dispensing with tri-lingual instructions, pictorials, and checkboxes. It improves safety, efficiency, and patient understanding, especially for the elderly. Cost-effective and easy to implement, it reduces errors and enhances satisfaction, making it ideal for adoption in other hospitals.

Future Plans:

- Continuously improve design based on patient and pharmacist feedback.
- Explore digital integration for further enhancement of patient safety and care.



BM BIRLA HEART HOSPITAL

thankyou