

January 2023

April 2023

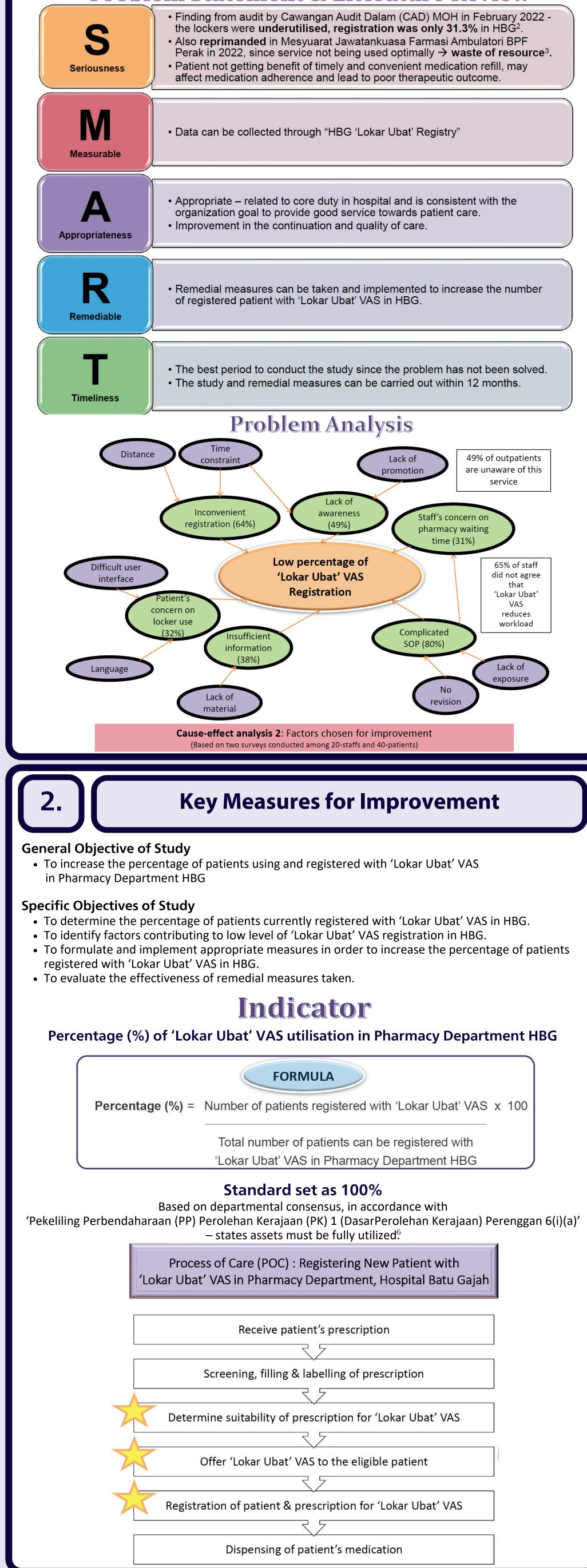
Introduction

November 2022

'Lokar Ubat' VAS is a pharmacy value-added service by which patients can obtain their refill medications in designated lockers outside of office hours within a duration of time¹.

- Started in HBG since April 2021.
- Total of 40 keyless lockers, can accommodate up to 160 patients per month.
- Located at waiting area of Farmasi Klinik Pakar, Hospital Batu Gajah

Problem Statement & Literature Review



to to December 2022 March 2023	April 2023	to June 2023	July 2023			
4. An	4. Analysis and Interpretation					
	Pre-Remedial Phase Data October - December 2022					
Number of patients registered with 'Lokar Ubat' VAS in Pharmacy Department HBG (A)	Total number of patients be registered with 'Lokar Ubat' VAS in Phan Department HBG (B)	umber of patients can e registered with Ubat' VAS in Pharmacy epartment HBGPercentage of 'Lokar Ubat' VAS utilisation Pharmacy Department H (%)				
63 patients	160 patients	63 / 160 x 100%				
Pre-remedial percentage was	low, which was 39.4% (<i>,</i> which was 39.4% (ABNA of -60.6%).				
only 1.68% of eligible patients	Analysis for the MOGC found that 3 processes did not comply with the standard; only 1.68% of eligible patients were offered the service and only 50% of patients who agreed to the service will be registered .					
5. Strategi	ies for Change		ary – March 2023			
Factors	Strategie	s for Change				
Complicated Standard Operating Procedure (SOP) Concern regarding outpatient pharmacy waiting time	 Revision of 'Lokar Ubat' procedure New medication collection schedules New design of 'Lokar Ubat' Card Training of related staffs with revised SOP Circulation of revised SOP to all staffs 					
Lack of awareness regarding 'Lokar Ubat' VAS Insufficient information provided regarding 'Lokar Ubat' VAS Inconvenient registration process	 6. Publication of an article in Pharmacy Bulletin 1. O&G Clinic Collaboration 2. Enhancement of promotional materials 1. Addition of registration station 2. Charlet and the state of the state of					
Patient's concern on locker use		'Lokar Ubat' Registry accessible in Dropbox QR code for locker opening guide				
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New Medication Collection S Previous: Manual Calculation of Date and Allocation of Free Locker borang pemantauan Lockerdu (sila tulis B Mininggu 1 2 3 4 1 2 3 4 5 NO LOCKER 31 - 5TH 7-12TH 14-19TH 21-26TH 28-3RD 5-10TH 12-17TH 19-24TH 26-31ST 1 A A A A A A A A A A A A A A BORANG PEMANTAUAN LOCKER4U (SILA TULIS B MININGGU 1 2 3 4 1 2 3 4 5 NO LOCKER 31 - 5TH 7-12TH 14-19TH 21-26TH 28-3RD 5-10TH 12-17TH 19-24TH 26-31ST A A A A A A A A A A						

Distance between outpatient clinics with FKP = 650m or 9 minutes' walk.



Now registration can be done at **both FKP and FJPL**, with registry accessible via Dropbox.

QR Code for Locker Opening Guide

Fast access, convenient & versatile. Available at lockers' location & on 'Lokar Ubat' card.

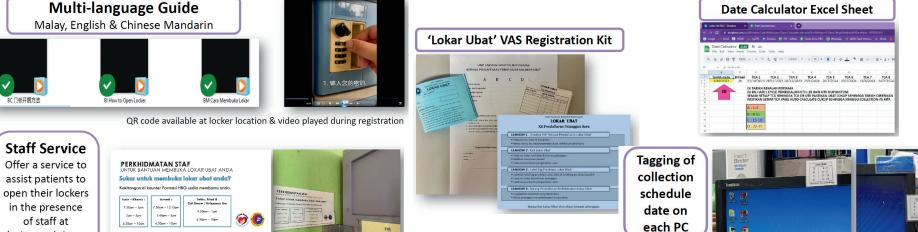


Cycle 2

April – June 2023

Cycle 2 widen the coverage of patients to the older age group. Based on survey, 19 respondents not interested in 'Lokar Ubat' VAS were >60 years old and Chinese.

Factors	Strategies for Change	
Patients concern on locker use	 Multilanguage guide Service to assist patients opening their lockers in presence of staff 	
Complicated Standard Operating Procedure (SOP)	 VAS 'Lokar Ubat' registration kit Date calculator Excel sheet Tagging of collection schedule date on each PC monitor in outpatient dispensing area 	
Concern regarding outpatient pharmacy waiting time		
Multi-language Guide	Date Calcu	



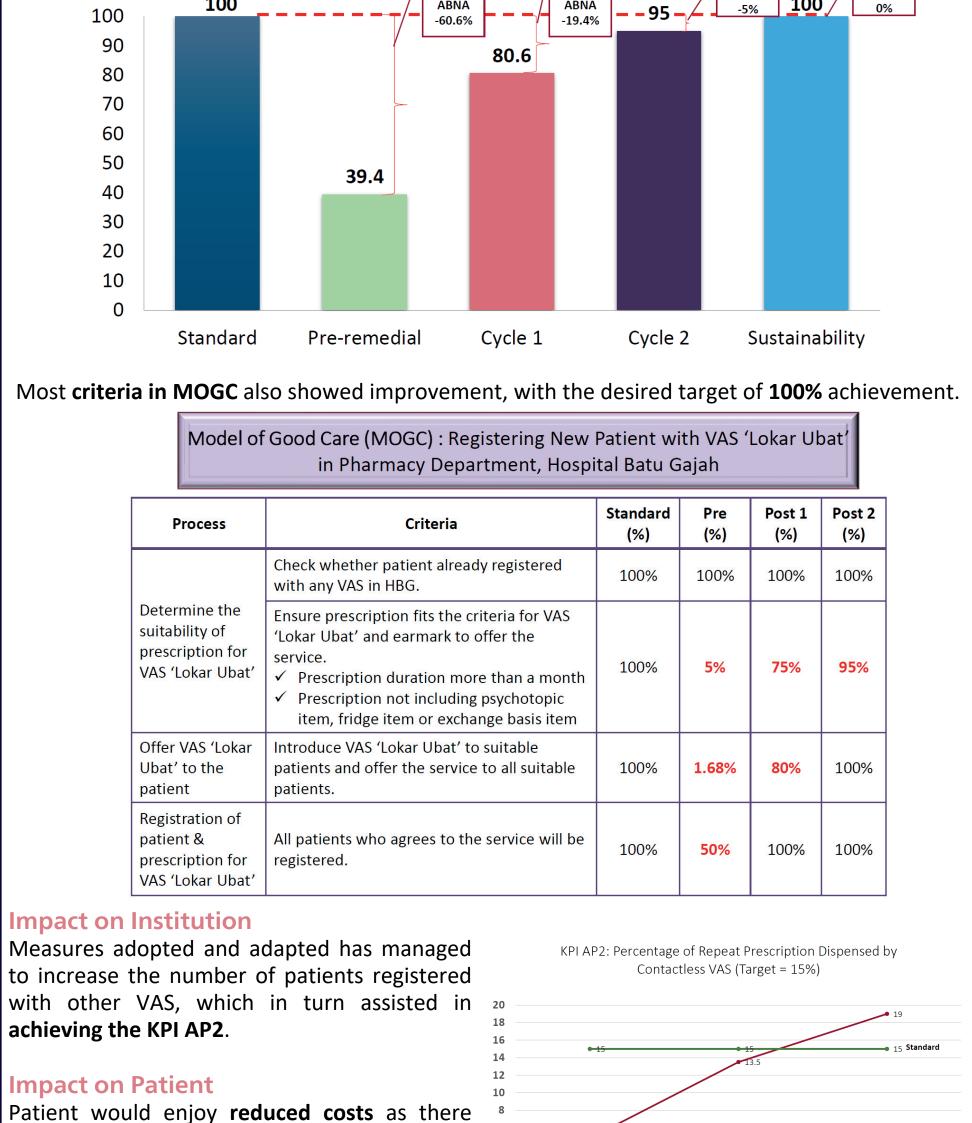


lesignated time:

6

Following the remedial actions implemented, the percentage of 'Lokar Ubat' VAS utilisation increased from 39.4% pre-remedial (ABNA of -60.6%) to 80.6% post-Cycle 1 (ABNA of -19.4%), and further increased **to 95%** post-Cycle 2 (ABNA of -5%). A **sustainability study** revealed that the percentage **reaching 100%** and ABNA reduced to 0%.

	100			ABNA	BNA
100	100	/	ABNA		0%



New Design of 'Lokar Ubat' Card Previous card New card

UNIT FARMASI HOSPITAL BATU GAJAH LOCKER4U	Adding info on prescription number & LOCKER4U					
NO. DAFTAR -	med. collection dates; NO. LOKAR :					
·	patient did not have to keep both prescription & card.					
mbilan ubat susulan adalah di loker yang kkan di hadapan FARMASI KLINIK PAKAR. tuhi tarikh temujanji pengambilan ubat anda.	Syarat-Syarat Perkhidmatan: 1. Anda hendaklah mengambili bekalan ubat dari loker dalam tempoh yang telah ditetapkan. KUMPULAN: A(1-4hb) B(8-11hb) C(15-18hb) D(22-25hb) 2. Ubat yang tidak dituntut dalam tempoh yang ditetapkan akan dikeluarkan daripada loker, dan ianya perlu diambili di kaunter					
raturan: da boleh mengambil ubat dalam tempoh yang	Nombor Preskripsi Tarikh Pengambilan Ubat Farmasi Klinik Pakar HBG pada WAKTU PEJABAT sahaja. at 3. Sila bawa dan serahkan kad ini ke kaunter Unit Farmasi HBG					
yatakan pada preskripsi pada BILA-BILA MASA. at yang tidak dituntut perlu diambil di kaunter masi Klinik Pakar Hospital Batu Gajah pada HARI (ERJA dan WAKTU PEJABAT sahaja. irranya anda ada sebarang persoalan, sila oungi 05-3663333 di sambungan 244/242.	Compact info & more convenient to the patient					
skripsi baru.	 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.					

Staff's Training, Circulation of Revised SOP & Publication of Article in Bulletin



Other Impacts

would be reduced days absent from work and

reduced waiting time from 11.9 min to 0 min.

would enjoy time savings as there will be

Based on post-remedial survey, overall staffs' perception improved significantly. And we have received appreciations from both management and patients.

Lessons Learnt & The Next Steps

Jan-Mar 2023

ul-Sept 2023

In any changes involving patients, patient reassurance and confidence are of utmost importance. Secondly, ensuring **convenience to both staff and patients** are equally vital for the success of any new service.

And as with most projects, a multidisciplinary approach is indispensable. Collaboration among different disciplines ensures comprehensive consideration of all aspects of the service.

The next step involves surpassing 100% utilisation of 'Lokar Ubat' VAS by expanding medication collection groupings, and applying similar strategies to improve the utilisation rates of other VAS and future pharmacy services.

References:

I. Bahagian Perkhidmatan Farmasi. Garispanduan Perkhidmatan Tambah Nilai Farmasi. 2016.

2. Cawangan Audit Dalam, Kementerian Kesihatan Malaysia. Pengauditan Terhadap Pengurusan Perolehan bagi Perkhidmatan Nilai Tambah Locker4U di Kementerian Kesihatan Malaysia. 2022.

3. Minit Mesyuarat Jawatankuasa Farmasi Ambulatori BPF Perak Bil 1/2022

4. Chan, H.-K., Shahabudin, N.A., Ghani, N.A., Hassali, M.A., 2015. Satisfaction with traditional counter versus value-added services for prescription claims in a Malaysian Tertiary Hospital. Journal of Pharmaceutical Health Services Research 6, 61–68. https://doi.org/10.1111/jphs.12087 5. Tan CLH, Hassali MA, Saleem F, Shafie AA, Aljadhay H, Gan VB. Building intentions with the theory of planned behaviour: a gualitative assessment of salient beliefs about pharmacy value added services in Malaysia. Health Expect. 2016;19(6):1215–1225. doi: 10.1111/hex.12416.

6. 'Pekeliling Perbendaharaan (PP) Perolehan Kerajaan (PK) 1 (Dasar Perolehan Kerajaan)

7. Employee Wages Statistics Report, Q1 2023, Department of Statistics Malaysia

Acknowledgement:

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