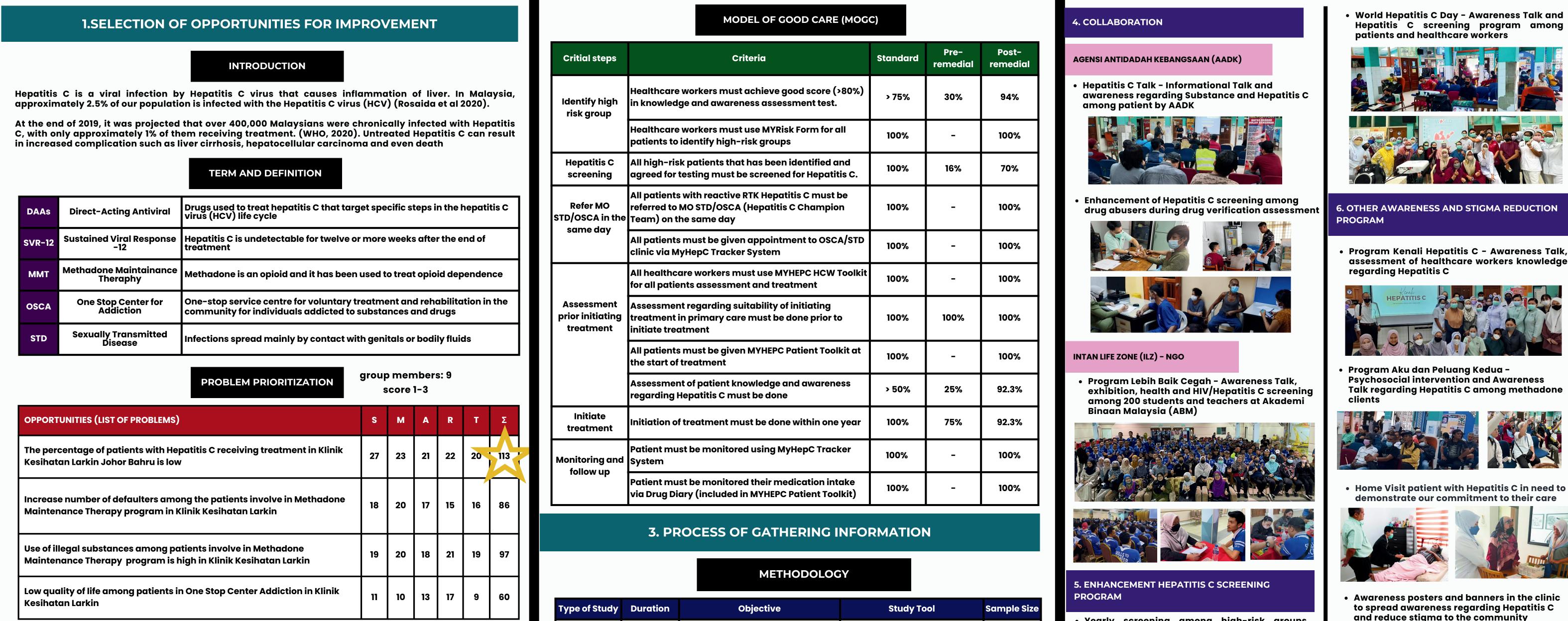
**PP-29** 

# **INCREASING PERCENTAGE OF PATIENTS WITH HEPATITIS C RECEIVING TREATMENT IN**

# **KLINIK KESIHATAN LARKIN JOHOR BAHRU**

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 Program Kenali Hepatitis C - Awareness Talk, assessment of healthcare workers knowledge





Kesihatan Larkin Johor Bahru is low	27	23	21	22	20	113	
Increase number of defaulters among the patients involve in Methadone Maintenance Therapy program in Klinik Kesihatan Larkin	18	20	17	15	16	86	
Use of illegal substances among patients involve in Methadone Maintenance Therapy program is high in Klinik Kesihatan Larkin	19	20	18	21	19	97	
Low quality of life among patients in One Stop Center Addiction in Klinik Kesihatan Larkin	11	10	13	17	9	60	

#### PROBLEM ANALYSIS

S	Untreated Hepatitis C can result in increased complications, such as liver cirrhosis, hepatocellular carcinoma, and death. (Sulkowski, M et al). Early treatment of Hepatitis C will reduce life-threatening complications, which reduce morbidity and mortality.
М	Data can be collected through monthly retention and medical records of Hepatitis C patients from June 2021 until May 2023. In addition, the collection of data can be done by using questionnaires.
A	Hepatitis C is curable. Thus, treatment of Hepatitis C is important in improving quality of care of patient.
R	Action can be conducted through establishment of a dedicated clinic along setting up Hepatitis C Champion Team, introduction of MYRisk Form, MYHEP C HCW Toolkit and MYHEP C Patient Toolkit, establishment of MYHEPC Tracker System, collaboration with multi-agencies, enhancing screening and awareness programs to increase the number of Hepatitis C patients receiving treatment.
т	Studies can be conducted within time frame

### PROBLEM STATEMENT

The percentage of patients with Hepatitis C receiving treatment was 75% from June 2021 until May 2022. According to the target of the National Strategic Plan for Hepatitis B and C 2019–2023, the aim is to treat 2 90% of the population in need of treatment.

The contributing factors to the lower percentage of patients with Hepatitis C receiving treatment in KK Larkin included long waiting time, under-trained staff, under-screening of Hepatitis C, poor knowledge among staff and patients, limited awareness among staff and patients, disease-related stigma, incomplete documentation and inadequate defaulter tracing.

The purpose of the study is to increase the percentage of patients with Hepatitis C receiving treatment at KK Larkin from 75% to 90%.

	System			
	Patient must be monitored their medication intake via Drug Diary (included in MYHEPC Patient Toolkit)	100%	-	100%

Type of Study	Duration	Objective	Study Tool	Sample Size
Quality Improvement Study	May 2022 - June 2022	<ul> <li>To identify percentage of patients with Hepatitis C receiving treatment</li> <li>To verify the magnitude of the patient with Hepatitis C not receiving treatment interventions.</li> <li>To identify contributing factors among patients</li> </ul>	<ul> <li>Hepatitis C monthly retention data from May 2022 to June 2023</li> <li>Patient medical records from May 2022 to June 2023</li> <li>Patient's Direct Antiretroviral Drugs (DAA) Diary</li> <li>Questionnaires form</li> </ul>	Patients N:52
		<ul> <li>To identify contributing factors among healthcare worker</li> </ul>	<ul> <li>Questionnaire Form (Google Form)</li> <li>Microsoft excel</li> </ul>	Healthcare workers N:50
	June 2022 - May 2023	<ul> <li>To evaluate effectiveness of intervention</li> </ul>	<ul> <li>Monitoring Form</li> <li>Questionnaire Form (Google Form)</li> <li>Microsoft excel</li> </ul>	Healthcare workers N:50 Patients N: 13

Inclusion Criteria	Exclusion Criteria			
<ul> <li>Patients who have been confirmed diagnosis of Hepatitis C</li> <li>Patients who are under harm reduction program, diagnosed with Human Immunodeficiency Virus (HIV) infection, diagnosed with Sexual Transmission Disease (STD) and drug abuser.</li> <li>Drug abusers who are under detention Agensi Antidadah Kebangsaan</li> </ul>	<ul> <li>Hepatitis C patients who are under ongoing follow-up at other healthcare facilities</li> <li>Hepatitis C patients who have passed away</li> </ul>			
<ul> <li>Healthcare workers including Family Medicine Specialist, Medical Officers, Pharmacists and Paramedics</li> </ul>	<ul> <li>Healthcare workers including 'Pembantu Perawatan Kesihatan', 'Pembantu Tadbir' and Ambulance drivers</li> </ul>			

#### **4. ANALYSIS AND INTERPRETATION**

Factor that contribute to low percentage of patients with Hepatitis C receiving treatment in

 Yearly screening among high-risk groups patients including methadone clients, HIV and STD patients and others





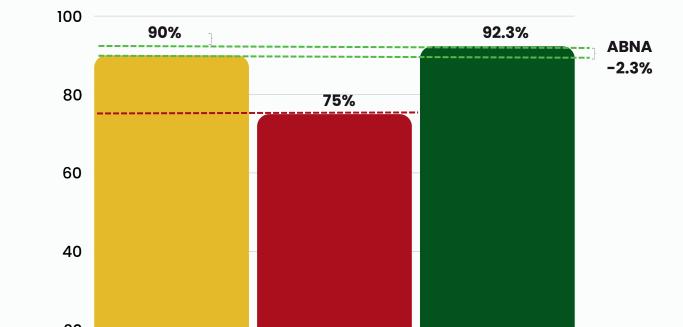






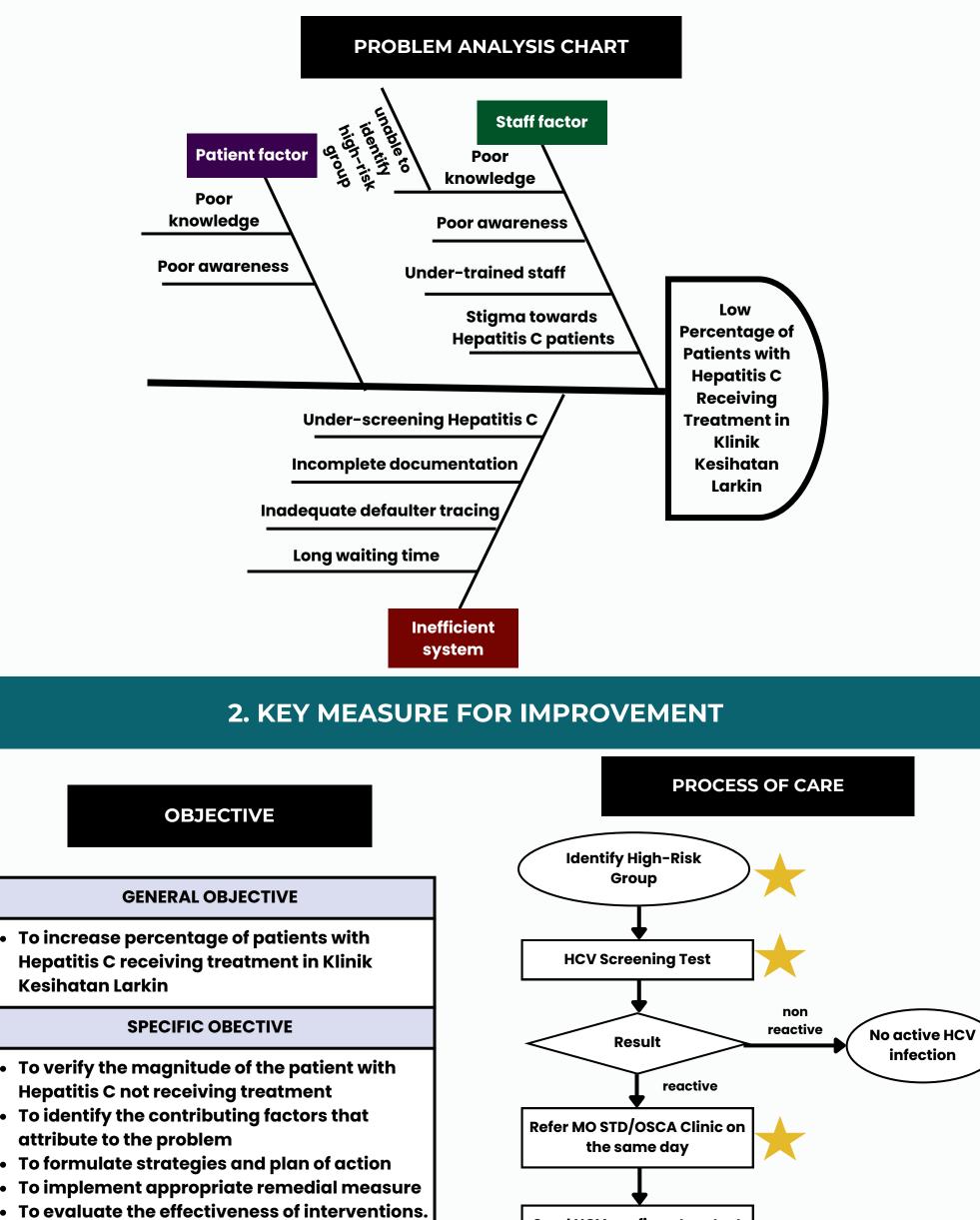


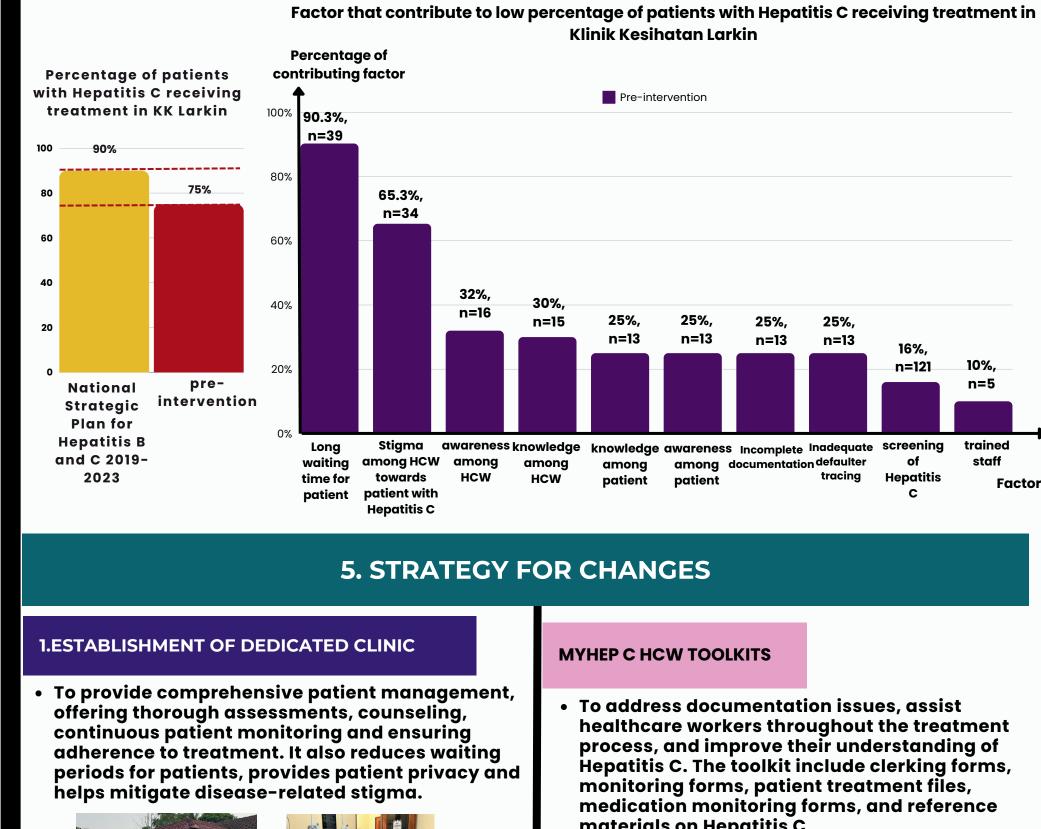
Percentage of patients with Hepatitis C receiving treatment in KK Larkin



V/HEPATITIS C/STI KK LARK

Jom Kenal





#### 2. SETTING UP HEPATITIS C CHAMPION TEAM

• Formation of Hepatitis C Champion Team consisting of 10 trained healthcare workers that able to focus in managing Hepatitis C patient



KLINIK KESIHATAN LARKIN

Date & Time:

Tag Preferr

**MYRisk Form** 

India

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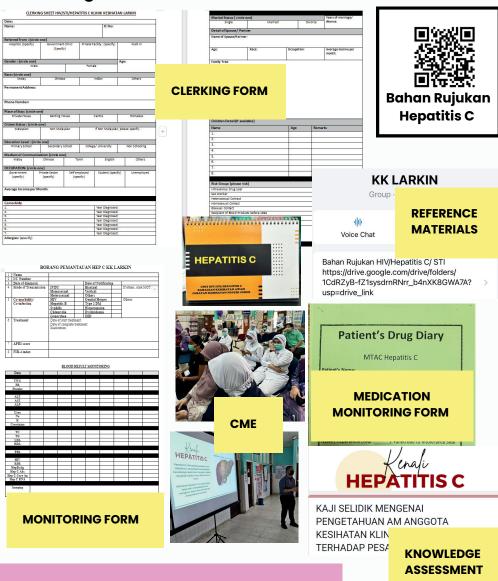
Sexual Health Services

Klinik Kesihatan Larkin, KLINIK KESIHATAN LARKIN PTD 4999, JALAN SENTOSA, LARKIN 80350 JOHOR BAHRU, JOHOR, JOHOR - 80350

Select a slot

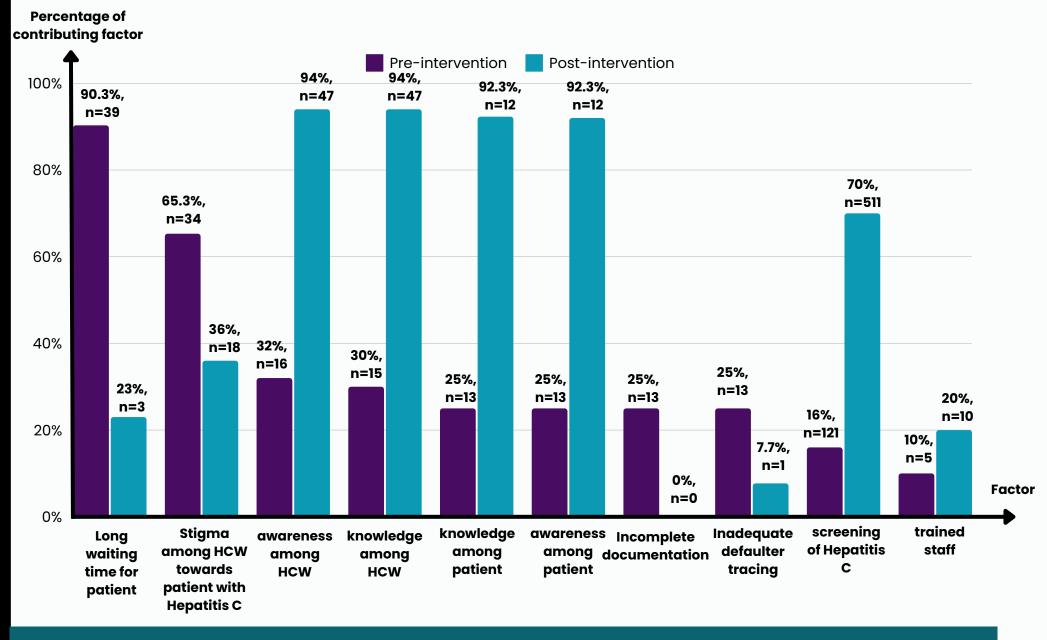
healthcare workers throughout the treatment materials on Hepatitis C

Regular training, sharing, continuous medical education (CME) and knowledge assessment among healthcare workers is conducted



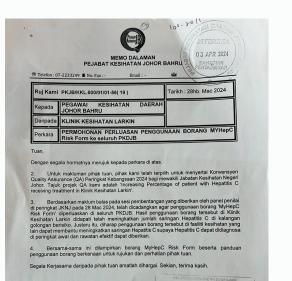
20 0 National Pre-Post-Strategic Plan intervention intervention for Hepatitis B and C 2019-2023

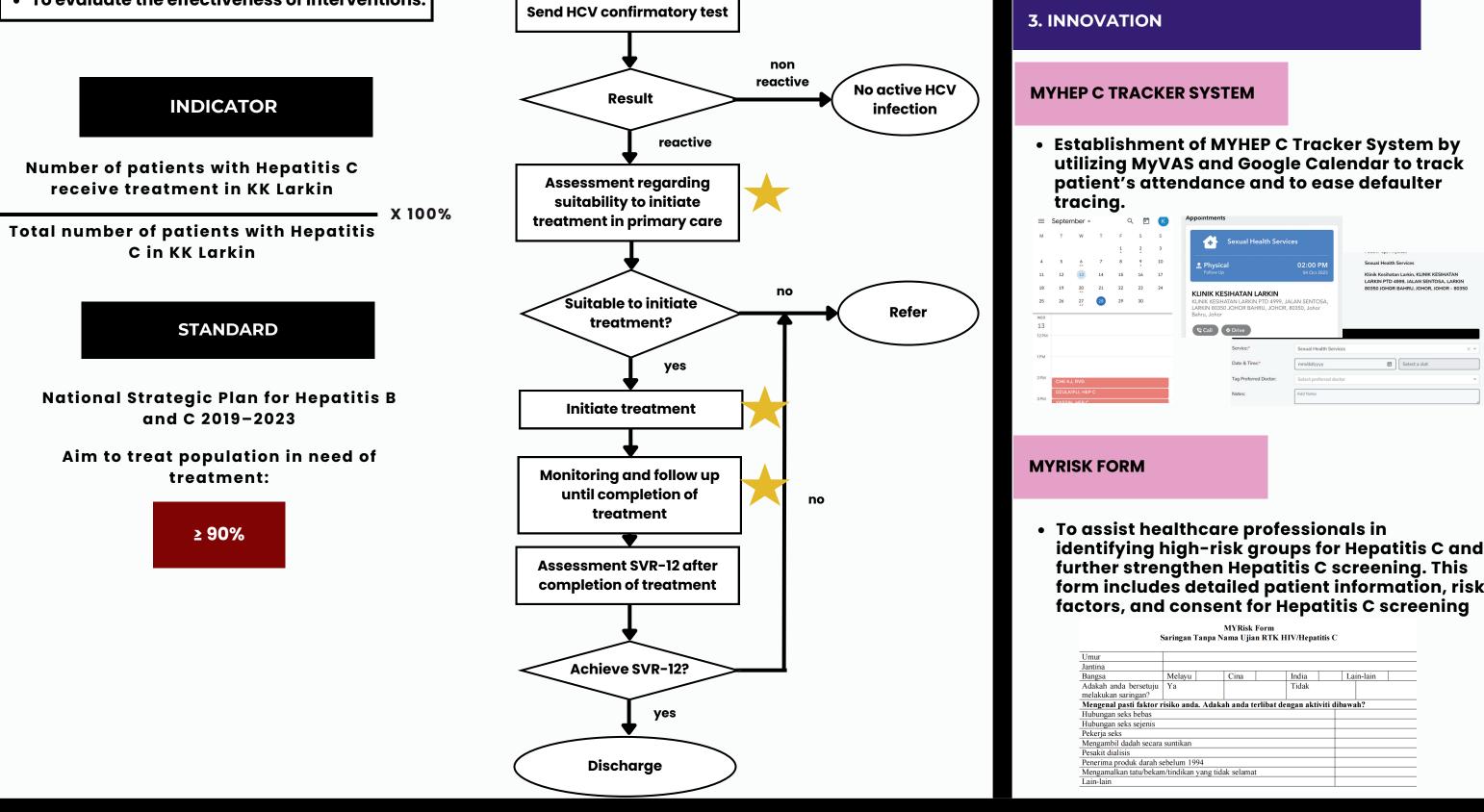
#### Factor that contribute to low percentage of patients with Hepatitis C receiving treatment in Klinik Kesihatan Larkin



## 7. THE NEXT STEP

• All of the interventions are still currently being practiced in our clinic. Additionally, the use of our MYHEPC Risk Form is in the process of being expanded to all the other clinics in Johor Bahru, and we wish to distribute it to the rest of Malaysia





#### **MYHEP C PATIENT TOOLKITS**

- To ensure the effectiveness of treatment and management of Hepatitis C patients These toolkit is provided to patients undergoing treatment and it include a medication treatment diary (DAA diary) and reference materials on Hepatitis C.
- For patients in the MMT program, their medication intake is monitored through direct observation theraphy (DOT) to ensure compliance





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