Quality Improvement Plan, Do, Study, Act (PDSA) – Sample
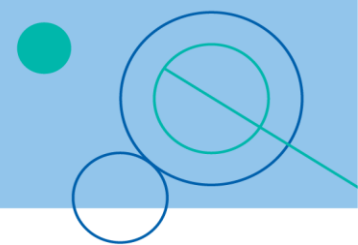
Beyond the C - Hepatitis C Elimination in Your Practice

Improve the number of patients with hepatitis C who have a diagnosis recorded in the Past Medical History
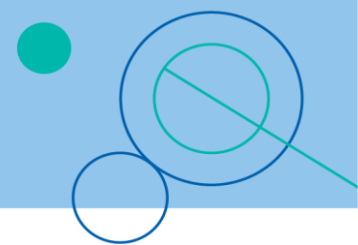
Quality Improvement (PDSA)– Sample
Improve the number of patients with hepatitis C who have a diagnosis recorded
Beyond the C – Hepatitis C Elimination in Your Practice

DATE:		PDSA CYCLE ID:	
Lead Name:			
Practice Name:			

AIM	**Change idea for testing:**		
	Examine the Clinical Information System database to determine if all patients with Hepatitis C have a diagnosis recorded in the Past Medical History The total number of patients on the register will increase by a minimum of 20%		

PLAN	**Steps to be taken to facilitate the change:**	**Who is responsible?**	**Date due:**
	Search the Bp Premier database for all patients with a diagnosis of 'Hepatitis C' OR 'Hepatitis C infection' OR 'Hepatitis C being treated' OR 'hepatitis C blood results'	Project officer – Mandy	20/8/2023
	Predicted outcomes:	**Measures to determine change success:**	
	There will be at least 10 patients identified with Hepatitis C	Number of patients identified with hepatitis C	

DO	**Describe what actually happened?**
	On 19/8/2023, the Project Officer searched the Bp Premier database for all patients with a diagnosis of 'Hepatitis C' OR 'Hepatitis C infection' OR 'Hepatitis C being treated' as per the plan
	Were there any unanticipated events?
	No, but the activity did take longer than expected due to the first time using the database search tool

STUDY	**Results of outcome measures:**
	The Bp Premier database search finds the following number of patients in each category: Hepatitis C = 8 Hepatitis C infection = 4 Hepatitis C being treated = 5 There were 4 duplicate patients in the list that have been removed bringing the total number of patients with Hep C diagnosis to 13.

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	How did the measured outcomes compare with the predicted outcomes?	
	Yes we predicted that a minimum of 10 patients with Hepatitis C would be identified. There were 13 patients identified after duplicates were removed	
	Was the desired outcome achieved?	
	Yes, the search resulted in identifying patients to establish a register	
	Reflections from this change process:	
	Consider the need for training/upskilling before each activity period to ensure all staff involved have the necessary skills and information to effectively complete the allocated task	
ACT	**PDSA cycle conclusion:**	
	The project officer to investigate the files of the 13 patients identified to confirm the diagnosis and print the list for a treating Dr to review and confirm for next best actions. Consider using the clinical audit tool to further review clinical data	
	Modifications required to the ongoing plan?	
	None identified	
	Informing the Next PDSA Cycle:	
	Consider adding other searches to identify patient files to be audited where no coded diagnosis of Hepatitis C has been added to the record. (i.e.risk factors, medications, etc)	