

PDSA: Updating Immunisation status in patient records using My Health Record

Patients are now more than ever receiving vaccinations outside of your practice at organisations such as:

- Pharmacies
- Corporate Vaccine services
- Other Practices
- Council Settings
- COVID 19 Vaccine Clinics
- Workplace settings
- Schools

Keeping your patient records up to date with patient's vaccine information is increasingly difficult. But what happens if we don't have up to date vaccination data?

- Potentially we might vaccinate patients unnecessarily
- We may send out reminder SMS unnecessarily
- We may order and waste vaccines
- Become an annoyance to patients with unnecessary reminder notifications
- Our data will become less meaningful
- Other patients may miss out on the opportunity to be vaccinated.

Therefore we recommend that at each patient contact, and provided you have consent, connect to your patients My Health Record to view their immunisation history. This is the most efficient and time effective way of keeping your patients immunisation status up to date. Over 23 million patients have a My Health Record and COVID Vaccine Clinics are mandated to upload to the Australian Immunisation Register and is also uploaded to the My Health Record if the consumer hasn't opted out. Pharmacies are also uploading vaccine encounters. . This PDSA is to assist Clinics to ensure their immunisation is up to date.

Clinic:		Date:	
Title:		Number:	
Goal: What is the overall goal you wish to achieve? Ensure immunisation data is up to date in patient records.			
Idea: Encourage all clinicians to connect to the My Health Record to update patient's immunisation status in clinical records. <ul style="list-style-type: none"> • Implementing a new process • Educate all practice staff on how and why this is important. • Educate staff on viewing the immunisation data if required? 			
PLAN: <ol style="list-style-type: none"> 1) Organise a staff meeting to discuss ideas and how the practice will be implementing this PDSA and identify if any training is needed. 2) Collect baseline data from POLAR (see attached) 3) Implement ideas 4) Track changes in POLAR 			
List the tasks necessary to complete this test (what)	Person responsible (who)	When	Where
Staff Meeting to discuss implementation			
Organise education from EMPHN if required: digitalhealth@emphn.org.au			
Collect baseline data from POLAR			
Ensure staff knows how to enter this information in your CIS as vaccine given elsewhere (see instructions BP & MD)			

Run POLAR search monthly to track changes (see walkthrough attached)			
Feedback to Practice Staff			
What do you predict will happen? Immunisation numbers will increase and data will become more accurate in the patients' medical records. The use of My Health Record will increase.			
DO: Was the cycle carried out as planned? Yes No, if not why?			
STUDY: Record, analyse and reflect on results. Did the results match your predictions?			
ACT: Decide to Adopt, Adapt or Abandon.			
	Select		Describe
	Adopt	Select changes to implement on a larger scale and develop an implementation plan and plan for sustainability.	
	Adapt	Improve the change and continue testing plan. What will be next PDSA cycle?	
	Abandon	Discard this change idea and try a different one.	

Recording immunisations given elsewhere in Best Practice Software:

In the patients file select Immunisations then Add

The screenshot shows the patient record for Mr. Alan Abbott. The left sidebar has 'Immunisations' selected. The main area displays a table of immunisations with columns for Date, Status, Vaccine, and Diseases. The 'Add' button is circled in red.

Date	Status	Vaccine	Diseases
31/12/2004	Given	Comvax	HIB, Hepatitis B
23/02/2006	Given	Avaxim	Hepatitis A
22/09/2011	Given	Tetanus	Tetanus
09/04/2019	Given	ActHib	HIB
09/04/2019	Given	Zostavax	Herpes Zoster
09/04/2019	Given	Afluria Quad	Influenza
25/06/2020	Given	ActHib	HIB
03/07/2020	Given	Adacel	Diphtheria, Pert

Select from the available vaccines then select from the billing provider
Not given here

Immunisation

Available Vaccines

Vaccine	Against
ActHib	HIB
Adacel	Diphtheria, Pertussis, Tetanus
Adacel Polio	Diphtheria, Pertussis, Tetanus, Poliomyelitis
ADT	Diphtheria, Tetanus
Afluria Quad	Influenza

Billing provider: Dr Frederick Findacure (EMPHN) Include inactive providers

Given by: Not given here
Dr Ivor Gore (EMPHN)
Dr Frederick Findacure (EMPHN)
Dr Brad Pitt (EMPHN)

Date: Sequence: 2

Route: IMI SC Oral Intradermal

Batch No.: Batch Expiry: 24/08/2021 Save batch details

Serial No.:

Comment:

Send reminder Reminder date: 24/08/2021

Save Cancel

Recording immunisations given elsewhere in Medical Director Software:

In the patients file go to IMM tab, right click then select new item

File Patient Edit Summaries Tools Clinical Correspondence Assessment Resources Sidebar MyHealthRecord Messenger

Mr Caleb Derington (80yrs 2mths) DOB: 15/06/1933 Gender: Male Occupation: Retired railway worker

4 Old Tenterfield Rd. Paddys Flat. Nsw 2469 Ph: 0455555555 (mobile) Record No: ATSI: Neither Aboriginal nor Torres Strait Islander

Allergies & Adverse Reactions: PENICILLINS Pension No: Ethnicity:

Reactions: Smoking Hx: Ex-smoker IHI No: 8003 6080 0004 5922

Warnings: MyHealthRecord: Exists with access permission

Summary Rx Current Rx Progress Past history Results Letters Documents Old scripts Imm He

Date	Immunisation	Sequence	Batch	Consent	Provided by	Vaccinator
17/07/2004	PNEUMOVAX 23	1				Dr Philip Lang
20/07/2009	PNEUMOVAX 23	2				Dr Philip Lang
20/03/2012	FLUVAX	1				Dr Philip Lang
10/05/2013	FLUVAX	1				Dr Philip Lang
13/05/2014	FLUVAX	1				Dr Philip Lang

Edit item
New item
Delete item
Print
Refresh

Select Vaccine Given Elsewhere and select the vaccine type and save.

Vaccination Window

Vaccine given elsewhere

Vaccinator: Given elsewhere

Consent provided by: Vaccination declined

Date: 25/08/2021

Type: FLUCELVAX QUAD

Site:

Sequence:

Batch No: Store batch No

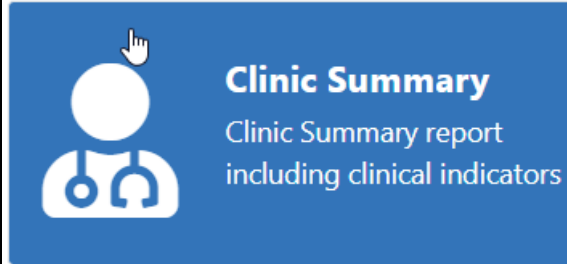
Comment:

Mark for recall Save Cancel

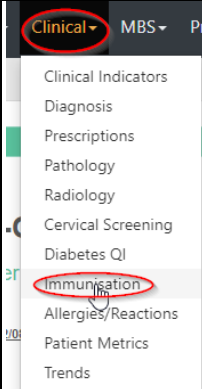
POLAR Walkthrough

Patient Cohort: Patients who have had a COVID 19 or Flu vaccine recorded in the last 12 month period

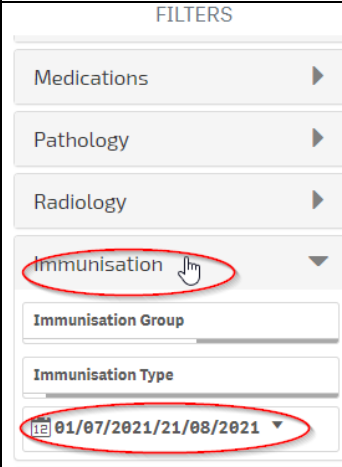
1. Open POLAR and Select Clinic Summary Report



2. Select Clinical and Immunisation



3. Under the Filters Select Immunisation and then select the calendar and select range for the previous 12 months



4. You can now see in the graph the number of COVID Vaccines and Flu Vaccines given in the current date range. This is your baseline data you will need to record this in your PDSA so you can track success of the PDSA.

