

# PRIMARY CARE DISCOVERY

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PDSA: Increase the recording of patient allergies and allergy reaction in your clinical records.

If allergies and adverse reactions are not captured as structured data within your clinical information system, you may miss contraindications if you are prescribing, and important information about the severity of a reaction.

Note that under the *RACGP Standards*, practices must keep a record of known allergies for at least 90% of their active patient health records (Criterion Q12.1 – Health Summaries reads: “*Our active patient health records contain a record of each patient’s known allergies.*”) If a patient has no known allergies, a practitioner must verify this with the patient and then record ‘no known allergies’.

To improve the data on allergies and adverse reactions, you should first differentiate between the two when you enter the patient’s information in your clinical information system. Second, you should code the severity of the reaction and the nature of the reaction. You can use POLAR to track the percentage of patients that have their allergy status or allergy reaction recorded. Walrus Tool will also prompt you at the point of care if the patient does not have their allergy status recorded.

There are a number of ways to collect this information:

- New patient form
- Existing patient details update form
- Using a check-in Kiosk prompt
- Walrus Tool – Prompts at the point of care.

Clinic:		Date:	
Title:		Number:	
Goal: What is the overall goal you wish to achieve? Increase the number of patients who have their allergy status and reaction status recorded in the Clinical Information System.			
Ideas: Increase the number of patients who have their allergy and allergy reaction status recorded by: <ul style="list-style-type: none"> <li>• Ensuring new patient registration form includes both questions</li> <li>• Implementing an existing patient update form</li> <li>• If using check in kiosk update to ask the question</li> <li>• Educate all practice staff on how and why this is important.</li> <li>• Implement Walrus Tool in your practice.</li> </ul>			
PLAN: <ol style="list-style-type: none"> <li>1) Organise a staff meeting to discuss ideas and how the practice will be implementing this PDSA</li> <li>2) Collect baseline data from POLAR (see attached)</li> <li>3) Implement ideas</li> <li>4) Track changes in POLAR</li> </ol>			
List the tasks necessary to complete this test (what)	Person responsible (who)	When	Where
Staff Meeting to discuss implementation			
Decide what you are going to implement to increase the measures. Either all or some of the ideas or you may have your own ideas that suit your practice.			
Collect baseline data from POLAR			
Ensure staff knows how to enter this information in your CIS (see instructions BP & MD)			

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Run POLAR search monthly to track changes (see walkthrough attached)			
Feedback to Practice Staff			
What do you predict will happen? Allergy and Allergy reaction recording 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 allergy and allergy reaction in Best Practice Software:

In a patient file click on Allergies/Adverse Drug Reactions. You are able to add an allergy or record as nil known if there are no allergies.

Item	Reaction	Severity
Penicillin	Urticaria	Moderate

Comment:

Recorded by: West End Medical Practice on 10/12/2014

Nil known

Add Edit Delete Save Cancel

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If you add an allergy you will need to add the nature of the reaction details in as well.

**Add reaction**

Search:

Drug class

Ingredient

Specific product

Non drug

Other

Nature of reaction:

Severity:

Comment:

Save Cancel

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## Recording a Patient's Allergy and Reactions in Medical Director

To record the patients allergy and adverse reactions in Medical Director select click on the allergies field in the upper left hand side.

Allergies & Adverse Reactions: **PENICILLINS**

Select the Allergies/Adverse Reactions/warnings tab

Pt. Details: **Allergies/Adverse Reactions/Warnings**

Title:   Single Name

First Name:

Middle Name:

To add an allergy select Add or if there are no allergies tick the No Known Allergies/Adverse Reactions box

Patient Details

Pt. Details: Allergies/Adverse Reactions/Warnings | Family/Social Hx | Notes | Smoking | Alcohol | Personal Details

Item	Reaction	Severity	Type
PENICILLINS	Urticaria - moderate		Allergy

No Known Allergies / Adverse Reactions

If you are adding an allergy ensure you also fill in all the details in Nature of Reaction and Reaction type.

Add Allergy / Adverse Reaction

Search:

By Drug

By Class

Other

SHT RECEPTOR BLOCKERS  
ACE INHIBITORS  
ALPHA-ADRENERGIC BLOCKERS  
ALUMINIUM HYDROXIDE AGENTS  
AMINOGLYCOSIDES  
ANGIOTENSIN II ANTAGONISTS  
ANTACIDS

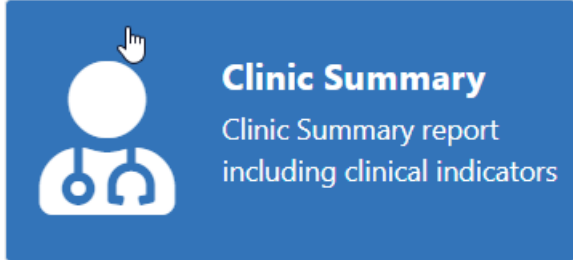
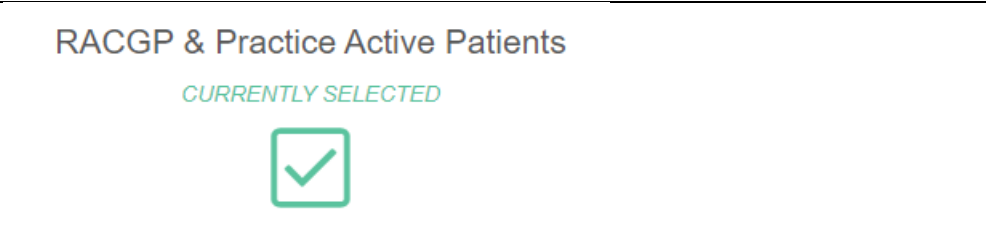
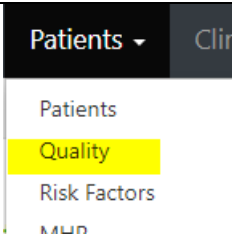
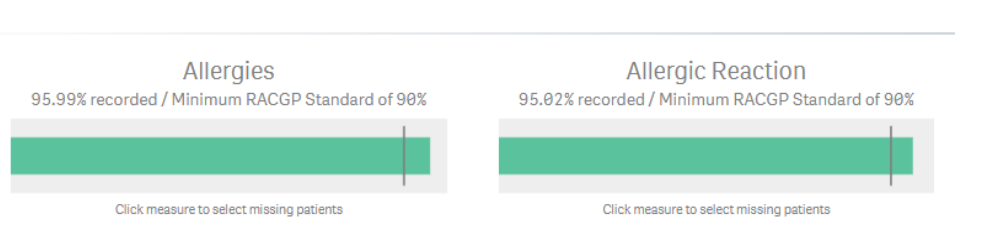
Nature of Reaction:

Reaction Type:  Allergy  Adverse Reaction

Severity:

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How many patients have their allergy status recorded Walkthrough for POLAR	
Patient Cohort: RACGP Active Patient Status Active Percentage of patients having an allergy recorded or an allergic reaction.	
1. Open POLAR and Select Clinic Summary Report	
2. Select RACGP & Practice Active Patients	
3. Under the patients menu Select Quality	
4. You can now see how many of your Active/RACGP Active patients have their Allergies recorded or have Nil Known ticked.	 <p>This is your baseline data you will need to record this in your PDSA so you can track success of the PDSA.</p>