

Northern Queensland Primary Health Network

Continuous quality improvement toolkit

Purpose of the guide:

This toolkit has been compiled to help you and your practice complete quality improvement (QI) activities.

It has been designed to support your practice in making easy, measurable and sustainable improvements to provide best practice care for your patients.





Contents

What is quality improvem	ent?	4
Quadruple Aim		5
Why do quality improvem	nent?	6
Accreditation		6
PIPQI		6
Where do I start?		7
Getting started - quic	ck start guide	7
CQI readiness tool		8
General data manage	ment health check	10
Baseline data		12
How?		13
Plan, Do, Study, Act		13
SMART goals		15
Action plan - templat	е	17
Topics/Projects		18
PIPQI improvement n		19
Other measures		18
What Now?		49
Sustainability checklis	st	48
Appendix 1-4: MedicalDire	ector Clinical training manual snippets	49-52

What is quality improvement?

Quality improvement is an activity with the main purpose of improving the quality of care delivered to your patients through regular monitoring, evaluating and refining of current processes and practices.

Quality improvement helps to identify problems caused by processes, not people. By using various measurements, you are able to identify gaps and demonstrate improvement. It includes team-based approaches, peer review, reflective practice, best practice, and data analysis.

Quintuple aim



Improved patient (individual and family) experience

- Care is individualised to meeting the needs of the individual and/or family.
- » Coordinated and comprehensive care.
- » Safe and effective care.
- » Timely and equitable.
- » Increased skills and confidence to manage own care.



Improved health care provider experience

- » Increased clinician and staff satisfaction.
- » Increased flexibility and scope for innovation.
- » Evidence of leadership and team-based approach.
- » Quality improvement culture in place.



Improved health outcomes for the population

- » Reduced disease burden.
- » Increased focus on prevention.
- » Improved quality of care.
- » Improvement in individual behavioural and physical health.
- » Improvements for individuals, families, and communities.



Improved cost efficiency and sustainability in health care

- » More efficient and effective service delivery.
- » Increased resourcing to primary care.
- » Improved access to primary care, reducing demand on hospitals within a defined region.



Health equity

- » Ensuring that all individuals have access to high quality care regardless of their background, socioeconomic status, or location.
- » Identify disparities at the local level.
- » Design and implement evidence-based interventions to reduce disparities.

Northern Queensland Primary Health Network (NQPHN)'s CQI program guidelines have identified five elements that align with the quadruple aim and are important for practice transformation.

- » Effectiveness is about improving the outcomes of care for populations.
- » Patient experience is about enhancing the experience of care received by patients.
- » Efficiency aims to reduce the per capita cost of healthcare.
- » The above three may risk increasing burnout amongst the care providers and hence the fourth aim of enhancing the provider experience recognises the need for a motivated workforce as a prerequisite to achieve the other three aims.
- » Health equity aims to ensure everyone has access to quality care and works to reduce healthcare disparities.

Why do quality improvement?

Why are we doing this? What difference will it make?

- » Improve health outcomes for your patients.
- » Reduce burden of disease and health inequalities.
- » Enhance patient experience—improve access of care, quality and safety.
- » Improve work life for your health care providers.
- » Strengthen your practice team.
- » Improve clinical data quality.
- » Reduce hospital admissions and help manage costs of providing care.
- » Meet the Practice Incentive Program Quality Improvement (PIPQI)
- » Meet the Accreditation Standards for Quality Improvement (5th Standard).

Accreditation

A quality improvement module is included in RACGP Standards for General Practice – 5th edition. The improvement needs to be based on the practice's data and information.

Some suggested sources are:

- » response to patient or staff feedback;
- » day to day operations that are not working (e.g. record keeping processes);
- » auditing clinical databases; and/ or
- » safety concerns.

RACGP - Standards 5th edition

PIPOI

The aim of the Practice Incentives Program Quality Improvement (PIPQI) is to improve detection and management of chronic conditions through identifying specific issues relevant to your practice population.

This payment replaces five of the 11 Practice Incentives Program (PIP) payments. To be eligible, general practices are required to provide de-identified data to demonstrate improvements in patient care.

Eligibility requirements:

The general practice must:

- » Be accredited or registered for accreditation.
- » Register for PIPQI.
- » Electronically submit data to NQPHN.
- » Undertake quality improvement activities in partnership with NQPHN.

PIPQI Incentive Guidance

Where do I start?

Getting started-quick start guide

a) Nominate your team

Effective, sustainable change requires an engaged team.

Ideally your team would include:

- » Practice manager/senior administrator-CQI lead who will oversee the system improvement work.
- » General practitioner-clinical champion providing clinical advice.
- » Practice nurse-patient education, data cleaning and supporting the improvements.
- » Reception-raising awareness of cancer screening and important role in reminder systems.

Minimum requirement for successful change—practice manager/senior administrator and a GP to lead and champion the work.

b) Be familiar with the CQI goals

- » understand what needs to be done
- » set goals
- » create "shared" accountability
- » keep on track.

Decide with your team, how you will:

- » Get together to discuss each module of work as it is received.
- » Review monthly progress against the module.
- » Report progress to the greater practice team.

The practice team will want to know how the program will impact on the day to day functioning of the practice.

c) Use the CQI readiness tool

This tool has been adapted from one developed by the Hunter New England and Central Coast Primary Health Network and is available in the NSW Cancer screening toolkit.

This will help you identify areas for improvement.

Adapted from Cancer Institute NSW/Cancer screening toolkit 2019.

Accreditation standards	Yes/No/Unsure	Action/Comment
Our practice is currently accredited against the RACGP Standards for General Practice (5th edition) where available.		
We currently participate in, or are prepared to participate in the NQPHN data program.		
Our practice has at least one team member who has the primary responsibility for leading our CQI systems and process.		
Our practice team internally shares information about CQI and patient safety.		
Our practice seeks feedback from the team about our CQI systems and the performance of these systems.		
Our practice team can describe areas of our practice that we've improved in the last three years.		
General practice systems	Yes/No/Unsure	Action/Comment
We use a standard family history template.		
Our New patient form requests consent for reminders.		
Our practice uses a standard list for coding/labeling that all staff comply with.		
We regularly perform data cleaning activities to establish up-to-date patient lists to identify those eligible for screenings, immunisations or review.		
Our practice uses data to identify under- reported/recorded demographics and at-risk patients.		
Primary Sense prompts/actions have been enabled in the practice software for the GPs and nurses.		
Policies and procedures are in place including reminders and recalls.		
We currently provide recall and reminders as per clinical guidelines.		
Targeted reminders are being sent to patients for routine follow-up and care; for example, cancer screening (ie. letter, SMS, email or phone call).		
Reminders are compliant with health literacy principles.		

We have an active focus on continuous quality improvement (CQI). Eg. discussed at practice meetings, reminder/recall systems.		
A documented workflow and allocation of roles to manage and monitor the selected CQI exists in our practice.		
Clinicians know how to access guidelines, assessment, management and referral information (including patient information).		
		l .
IT & computer capabilities	Started/ progressing/ achieved	Action/Comment
IT & computer capabilities System can collect coded data for CQI activities.	progressing/	Action/Comment
	progressing/	Action/Comment

Adapted from Cancer Institute NSW/Cancer Screening Toolkit 2019 & Northern Queensland Primary Health Network/Quality Improvement Toolkit 2019.

General data management health check

.....

Systematically perform basic clean up functions:

- » deactivating patients
- » deceasing patients
- » checking for missing dates of birth or gender
- » merging duplicate patient files.

Use the links to help you carry out any of the above that may have been overlooked.

Activity	
Deactivate patients	Performed Y/N
Best Practice—mark a patient inactive. Marking patients as inactive	
Medical Director—deactivating patients <u>Deactivating patients</u>	
Genie—edit patient <u>Edit patient</u>	
Mark patient as deceased	Performed Y/N
Best Practice—mark patient as deceased Best Practice Clinical Training Manual (p54 of manual)	
Medical Director—flagging patients as deceased Flagging patients as deceased	
Genie—marking patient records as inactive Marking patient records as inactive	
Check for missing dates of birth and gender	Performed Y/N
Best Practice—searching the database <u>Database search</u>	
Medical Director—editing a patient's details MedicareDirector Clinical Training Manual (p20 of manual)	
Genie custom reports	
Merging duplicate files	Performed Y/N
Best Practice Merge patient records	
Medical Director Merge patient records	
Genie Edit patient	

Genie custom reports

-

Missing gender

- 1. From the Open menu, select Patients.
- 2. Then cancel out of the search box which appears.
- 3. From the Records menu, select Search.
- 4. From the Available Fields column, expand the [Patient] table.
- 5. Locate and highlight Sex.
- 6. From the Comparisons column, choose is equal to
- 7. Leave the Value box blank.
- 8. Choose Query.
- 9. A list of patients with no gender entered will then be shown in the patient list.

Missing date of birth

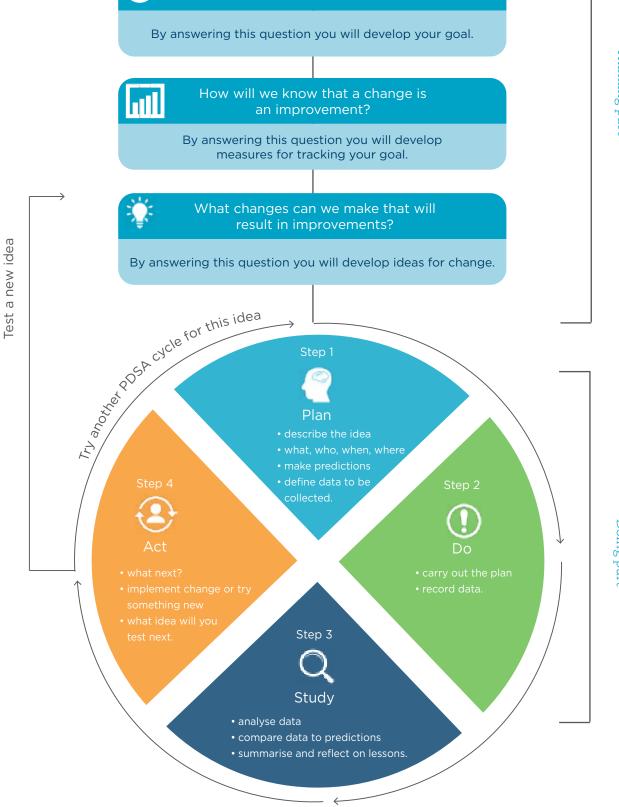
- 1. From the Open menu, select Patients.
- 2. Then cancel out of the search box which appears.
- 3. From the Records menu, select Search.
- 4. From the Available Fields column, expand the [Patient] table.
- 5. Locate and highlight DOB.
- 6. From the Comparisons column, choose is equal to
- 7. In the Value box, enter 00/00/0000.
- 8. Choose Query.
- 9. A list of patients with no date of birth entered will then be shown in the Patient list.



Baseline data

» Refer to your monthly data reports.

» Use Primary Sense reports.



What are we trying to accomplish?

PDSA template

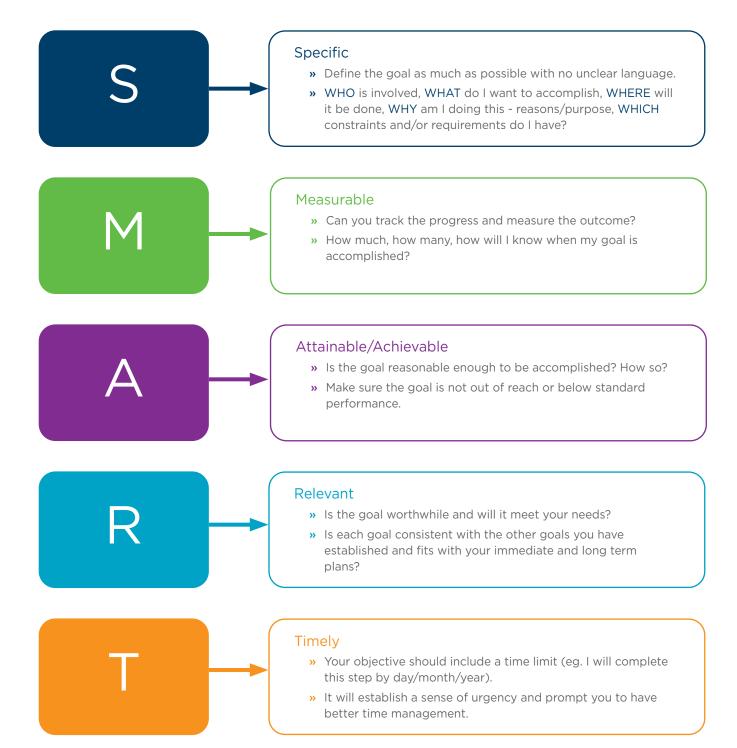
PDSA Title:

O	Goal	What are we trying to accomplish?
ш	Measure	How will we know that a change is an improvement?
*	Idea	What can we do to achieve the goal?
	Plan	Who? When? Where? Predictions? Data to be collected.
•	Do	Was the plan executed? Any unexpected events or problems?
Q	Study	Analysis of actions and data. Reflection on the results.
2	Act	What will we take forward? What is the next step or cycle?

SMART goals

The thinking part

Now that you have identified a need, you need to identify a goal. What are we trying to accomplish? Your goal needs to be SMART.





Q1. What are we trying to accomplish? (Goal)

Our SMART goal is to:

» Increase the proportion of our active patients with COPD who have an influenza vaccine by 20% by 31 July.

Q2. How will you know that a change is an improvement? (Measure

eg. Track baseline measurement and compare results at the end of the improvement.

We will measure the percentage of active patients with COPD who have had a flu vaccine.

To do this we will:

- a) Identify the number of active patients with COPD.
- b) Identify the number of active patients with COPD who have had a vaccine.

b) divided by a) x 100 produces the percentage (%) of patients with COPD who have had a flu vaccine.

O3. What changes could we make that will lead to an improvement? (List your ideas)

You may wish to BRAINSTORM ideas with members of our Practice Team.

Our ideas for change:

- » Identify active patients with COPD who have not had a flu vaccine this year, using Primary Sense COPD report.
- » You can double check AIR information through the Medicare Overview section in the My Health Record window, if your patient has a My health Record.
- » Send SMS recall/reminder via hot docs to identified patients.
- » Check vaccine stock. Reorder if necessary.
- » Have patient education resources on flu vaccination available in waiting room etc.
- » Run an awareness campaign for COPD.
- » As a team, select which idea(s) to begin testing with a PDSA cycle.

Action	n plan t	templa	ate							
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	 • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	 • • • • • • • •

Download printable version of template here.

DOW	IIIOa	и рп	IIIab	ie ve	51310	11 01	CCITIF	olate <u>here</u> .				
						Reporting back to your team—how and when?	Action 4		Action 3	Action 2	Action 1	What Actions for improving selected areas.
						ow and when?						Who Who is responsible to get this done?
												When When should this be dome?
												Support Who else needs to help? Does a clinician need to help?
												Complete Date completed
												Comments

Topics/Projects

PIPQI improvement measures (CQI activities)

- 1. <u>Proportion of patients with diabetes with a current HbA1c result.</u>
- 2. Proportion of patients with a smoking status.
- 3. Proportion of patients with a weight classification.
- 4. Proportion of patients aged 65 and over who were immunised against influenza.
- 5. <u>Proportion of patients with diabetes who were immunised against influenza.</u>
- 6. <u>Proportion of patients with COPD who were</u> immunised against influenza.
- 7. Proportion of patients with an alcohol consumption status.
- 8. Proportion of patients with the necessary risk factors assessed to enable CVD assessment.
- 9. <u>Proportion of female patients with an up-to-date cervical screening.</u>
- 10. <u>Proportion of patients with diabetes with a blood pressure result.</u>

Other CQI activities

- 11. <u>Proportion of CVD patients with Blood Pressure recorded.</u>
- 12. <u>Proportion of CVD patients with Cholesterol</u> recorded.
- 13. <u>Proportion of patients with Hypertension with Blood</u>
 <u>Pressure recorded.</u>
- 14. <u>Proportion of patients with Hypertension with Cholesterol recorded.</u>
- 15. <u>Proportion of patients with COPD with Spirometry recorded.</u>
- 16. Proportion of patients with Allergy Status recorded.
- 17. Proportion of patients with BMI recorded.
- 18. <u>Proportion of patients with Waist Measurement recorded.</u>
- 19. Proportion of patients with Ethnicity recorded.
- 20. Proportion of fully immunised Indigenous children.
- 21. Proportion of patients 75+ with current Health Assessment.

PIPQI improvement measures

Improve recording of HbA1c results.

1. Proportion of patients with diabetes with a current haemoglobin A1c (HbA1c) result

- » Gold standard for assessing glycaemic control.
- » Helps clinicians set treatment goals and monitor control accurately.

Goal	» Increase recording of HbA1c results.
Measure	» Percentage of patients with diabetes with an HbA1c result recorded.
Starting point	» <u>quick start guide</u>
	» CQI readiness tool
	» data management health check
	» Use Primary Sense Patients missing PIP QI or accreditation measures report and/or Diabetes Mellitus report
	» brainstorm ideas with the team.
Possible improvement ideas	Goal 1:
	» Staff know the correct location in the software to look for the result.
	» Routinely check results are being recorded appropriately.
	Goal 2:
	Setup appropriate recall/reminder systems
	» merging and locking lists
	» recalls & reminders.
	Katrina Otto—recall & reminders (BP)
	<u>Katrina Otto—recall & reminders (MD)</u>
Plan, Do, Study, Act	» PDSA template
	» action plan template.
What now?	» sustainability checklist
	» quality improvement register (to be developed).

2. Proportion of patients with a smoking status

Improve recording of smoking status.

Goal	» Increase recording of smoking status.
Measure	» Percentage of patients with smoking status recorded.
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Patients missing PIP QI or accreditation measures report » brainstorm ideas with the team.
Possible improvement ideas	Staff know the correct location in the software to place the status **Best Practice Clinical Training Manual (p7 of manual) **entering smoking status—Medical Director **MedicareDirector Clinical Training Manual (p20 of manual) **routinely check status is being entered.
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	 » sustainability checklist » quality improvement register (to be developed).

3. Proportion of patients with a weight classification

Improve recording of weight classification

Goal	» Increase recording of weight classification.
Measure	» Percentage of patients with weight classification recorded.
Starting point	 » quick start guide » CQI readiness tool
	 data management health check Use Primary Sense Patients missing PIP QI or accreditation measures report brainstorm ideas with the team.
Possible improvement ideas	Staff know the correct location in the software to place the status **Best Practice Clinical Training Manual (p7 of manual) **entering measurements—Medical Director* **routinely check results are being recorded appropriately.
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	» sustainability checklist» quality improvement register (to be developed).

4. Proportion of patients aged 65 and over who were immunised against influenza

Improve recording of, and the number of patients aged 65 and over immunised against. influenza.

Goal	 Improve recording of influenza immunisation for patients aged 65 and over immunised against influenza. and/or Increase the number of patients age 65 and over receiving influenza immunisation.
Measure	» Percentage of patients aged 65 and over with influenza vaccine recorded.
Target group	» Patients aged 65 years and over.
Starting point	 » quick start quide » CQI readiness tool » data management health check » Use Primary Sense Patients missing PIP QI or accreditation measures report » brainstorm ideas with the team.
Possible improvement ideas	Goal 1: "Staff know the correct location in the software to place the status. "Routinely check results are being recorded appropriately. Goal 2: Set-up appropriate recall/reminder systems "merging and locking lists "recall & reminders. Katrina Otto—recall & reminders (BP) Katrina Otto—recall & reminders (MD)
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	 » sustainability checklist » quality improvement register (to be developed).

5. Proportion of patients with diabetes who were immunised against influenza

Improve the number of patients with diabetes immunised against influenza.

Goal	 Increase recording of, and the number of patients with diabetes immunised against influenza. and/or Increasing the number of patients with diabetes receiving influenza immunisation.
Measure	» Percentage of patients with diabetes with influenza vaccine recorded.
Target group	» Patients with recorded diagnosis of diabetes.
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Diabetes Mellitus report » brainstorm ideas with the team.
Possible improvement ideas	Goal 1: Staff know the correct location in the software to place the status Noutinely check results are being recorded appropriately.
	Goal 2: Set-up appropriate recall/reminder systems """ """ """ """ """ """ """ """ """
	Katrina Otto—recall & reminders (MD)
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	» sustainability checklist» quality improvement register (to be developed).

6. Proportion of patients with COPD who were immunised against influenza

Improve the number of patients with COPD immunised against. influenza.

Goal	 Improve recording of influenza immunisation for patients with COPD. and/or Increasing the number of patients with COPD receiving influenza immunisation.
Measure	» Percentage of patients with COPD with influenza vaccine recorded.
Target group	» Patients with recorded diagnosis of COPD.
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Chronic Lung Disease and Asthma report » brainstorm ideas with the team.
Possible improvement ideas	Goal 1 Staff know the correct location in the software to place the status Noutinely check results are being recorded appropriately.
	Goal 2 Set-up appropriate recall/reminder systems merging and locking lists recalls & reminders. Katrina Otto—recall & reminders (BP) Katrina Otto—recall & reminders (MD)
Plan, Do, Study, Act	 » PDSA template » action plan template.
What now?	 » sustainability checklist » quality improvement register (to be developed).

7. Proportion of patients with an alcohol consumption status

Improve recording of alcohol consumption.

Goal	» Increase recording of alcohol consumption.
Measure	» Percentage of patients with alcohol consumption recorded.
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Patients missing PIP QI or accreditation measures report » brainstorm ideas with the team.
Possible improvement ideas	 staff know the correct location in the software to place the status Best Practice Clinical Training Manual (p7 of manual) entering alcohol status—Medical Director MedicareDirector Clinical Training Manual (p20 of manual) follow steps as for smoking routinely check results are being recorded appropriately.
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	 » sustainability checklist » quality improvement register (to be developed).

8. Proportion of patients with the necessary risk factors assessed to enable CVD assessment Improve recording of risk factors to enable CVD assessment.

Goal	» Increase recording of risk factors to	enable CVD assessment.
Measure	» Percentage of patients with necess assessment.	ary risk factors recorded to enable CVD
Target group	» Adults aged >45yrs without known» Aboriginal and Torres Strait Islande	•
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Cardiovascular II Considerations for comprehensive CVD in 	·
	Modifiable factors » smoking » BP » waist circumference » BMI » alcohol.	Non-modifiable factors » age & sex » family history CVD » social history. Related Conditions » diabetes » chronic kidney disease » familial hypercholesterolaemia » atrial fibrillation.
	» Brainstorm ideas with the team.	
Possible improvement ideas	Staff know the correct location in the so "Best Practice Clinical Training Manu" "entering measurements—Medical D MedicareDirector Clinical Training N "routinely check results are being re	ial (p7 of manual) irector Ianual (p24 of manual)
Plan, Do, Study, Act	» PDSA template» action plan template.	
What now?	sustainability checklist quality improvement register (to be	e developed).

9. Proportion of female patients with an up-to-date cervical screening

Improve number of patients with up to date cervical screening.

Goal	 Increase recording of up to date cervical screening. and/or Increase the number of patients participating in cervical screening.
Measure	» Percentage of patients aged 25-75 with an up to date cervical screen recorded.
Target group	» ALL patients aged 25-75 who have a cervix.
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Patients missing PIP QI or accreditation measures report » brainstorm ideas with the team.
Possible improvement ideas	Goal 1: Staff know the correct location in the software to place the status Noutinely check results are being recorded appropriately.
	Goal 2: (additional step) Set-up appropriate recall/reminder systems """ merging and locking lists """ recalls & reminders. Katrina Otto—recall & reminders (BP)
	Katrina Otto—recall & reminders (MD) It is important to capture all people with a cervix, consider: "" transgender or intersex patients "" registration of transgender or intersex patients.
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	 » sustainability checklist » quality improvement register (to be developed).



Improve recording of blood pressure for patients with diabetes.

Assists clinicians to develop appropriate care to lower risk of macro vascular and micro vascular complications

- » stroke
- » heart failure
- » heart attack

- » kidney disease
- » peripheral neuropathy
- » glaucoma.

Goal	» Increase recording of blood pressure results.
Measure	» Percentage of patients with diabetes with blood pressure recorded.
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Diabetes Mellitus report » brainstorm ideas with the team.
Possible improvement ideas	Staff know the correct location in the software to place the status **Best Practice Clinical Training Manual (p7 of manual) **entering measurements—Medical Director **MedicareDirector Clinical Training Manual (p24 of manual) **routinely check results are being recorded appropriately.
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	 » sustainability checklist » quality improvement register (to be developed).



11. Proportion of CVD patients with blood pressure recorded

Improve number of patients diagnosed with CVD who have blood pressure (BP) recorded.

Goal	» Increase % of CVD patients with blood pressure recorded.
Goal	" increase % of CVD patients with blood pressure recorded.
Measure	» Percentage of patients diagnosed with CVD who have blood pressure recorded.
Starting point	 » <u>quick start guide</u> » <u>CQI readiness tool</u> » <u>data management health check</u> » Use Primary Sense <u>Cardiovascular Disease Risk Factors</u> report » brainstorm ideas with the team.
Possible improvement ideas	Staff know the correct location in the software to place the status **Best Practice Clinical Training Manual (p7 of manual) **entering measurements—Medical Director **MedicareDirector Clinical Training Manual (p24 of manual) **routinely check results are being recorded appropriately.
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	» <u>sustainability checklist</u>» quality improvement register (to be developed).

12. Proportion of CVD patients with cholesterol recorded

Improve number of patients diagnosed with CVD who have cholesterol recorded.

Goal	» Increase % of CVD patients with cholesterol recorded.
Measure	» Percentage of patients diagnosed with CVD who have cholesterol recorded.
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Cardiovascular Disease Risk Factors report » brainstorm ideas with the team.
Possible improvement ideas	Staff know the correct location in the software to place the status » Routinely check results are being recorded appropriately. Goal 2: Set-up appropriate recall/reminder systems » merging and locking lists » recalls & reminders. Katrina Otto—recall & reminders (BP) Katrina Otto—recall & reminders (MD)
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	 » sustainability checklist » quality improvement register (to be developed).

13. Proportion of patients with hypertension with blood pressure recorded Improve number of patients with hypertension (HT) who have blood pressure recorded.

Goal	» Increase % of HT patients with blood pressure recorded.
Measure	» Percentage of patients diagnosed with HT who have blood pressure recorded.
Starting point	 » <u>quick start guide</u> » <u>CQI readiness tool</u> » <u>data management health check</u> » Use Primary Sense <u>Cardiovascular Disease Risk Factors</u> report » brainstorm ideas with the team.
Possible improvement ideas	Staff know the correct location in the software to place the status » Best Practice Clinical Training Manual (p7 of manual) » entering measurements—Medical Director MedicareDirector Clinical Training Manual (p23 of manual) » routinely check results are being recorded appropriately.
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	» sustainability checklist» quality improvement register (to be developed).

14. Proportion of patients with Hypertension with cholesterol recorded

Improve number of patients with Hypertension who have cholesterol recorded.

Goal	» Increase % of HT patients with cholesterol recorded.
Measure	» Percentage of patients diagnosed with HT who have cholesterol recorded.
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Cardiovascular Disease Risk Factors report » brainstorm ideas with the team.
Possible improvement ideas	Goal 1 Staff know the correct location in the software to place the status » Routinely check results are being recorded appropriately. Goal 2: Set-up appropriate recall/reminder systems » merging and locking lists » recalls & reminders. Katrina Otto—recall & reminders (BP) Katrina Otto—recall & reminders (MD)
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	 » sustainability checklist » quality improvement register (to be developed).

15. Proportion of patients with COPD with spirometry recorded

Improve number of patients with COPD who have spirometry recorded.

Goal	» Increase % of COPD patients with spirometry recorded.
Measure	» Percentage of patients diagnosed with COPD who have spirometry recorded.
Starting point	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Chronic Lung Disease and Asthma report » brainstorm ideas with the team.
Possible improvement ideas	Goal 1 Staff know the correct location in the software to place the status » Routinely check results are being recorded appropriately. Goal 2: Set-up appropriate Recall/Reminder systems » merging and locking lists » recalls & reminders. Katrina Otto—recall & reminders (BP) Katrina Otto—recall & reminders (MD)
Plan, Do, Study, Act	» PDSA template» action plan template.
What now?	 » sustainability check list » quality improvement register (to be developed).

16. Proportion of patients with allergy status recorded

Improve number of patients with allergy status recorded.

Goal	» Increase recording of allergy status.
Measure	» Percentage of patients with allergy status recorded.
Starting Point:	» <u>quick start guide</u>
	» CQI readiness tool
	» data management health check
	» Use Primary Sense Patients missing PIP QI or accreditation Measures report
	» brainstorm ideas with the team.
Possible Improvement ideas	Staff know the correct location in the software to place the status
	» Best Practice - Allergy recording
	» recording allergy—Medical Director
	» routinely check status is being entered.
Plan, Do, Study, Act	» PDSA template
	» action plan template.
What Now?	» sustainability checklist
	» quality improvement register (to be developed).

17. Proportion of patients with BMI recorded

Improve number of patients with Body Mass Index (BMI) recorded.

Goal	» Increase % of patients with BMI recorded.
Measure	» Percentage of patients who have BMI recorded.
Starting point:	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Patients missing PIP QI or accreditation Measures report » brainstorm ideas with the team.
Possible improvement ideas	Staff know the correct location in the software to place the status **Best Practice Clinical Training Manual (p7 of manual) **netering measurements—Medical Director **MedicareDirector Clinical Training Manual (p24 of manual) **routinely check results are being recorded appropriately.
Plan, Do, Study, Act	» PDSA template» action plan template.
What Now?	» sustainability checklist» quality improvement register (to be developed).

18. Proportion of patients with waist measurement recorded

Improve number of patients with waist measurement recorded.

Goal	» Increase % of patients with waist measurement recorded.
Measure	» Percentage of patients who have waist measurement recorded.
Starting Point:	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Patients missing PIP QI or accreditation Measures report
	 brainstorm ideas with the team.
Possible Improvement ideas	Staff know the correct location in the software to place the status """ entering measurements—Best Practice """ entering measurements—Medical Director """ routinely check results are being recorded appropriately.
Plan, Do, Study, Act	» PDSA template» action plan template.
What Now?	 » sustainability checklist » quality improvement register (to be developed).

19. Proportion of patients with ethnicity recorded

Improve number of patients with ethnicity recorded.

Goal	» Increase % of patients with ethnicity recorded.			
Measure	» Percentage of patients who have ethnicity recorded.			
Starting point:	 » quick start guide » CQI readiness tool » data management health check » Use Primary Sense Patients missing PIP QI or accreditation Measures report 			
	» brainstorm ideas with the team.			
Possible improvement ideas	Staff know the correct location in the software to place the status » Routinely check results are being recorded appropriately.			
Plan, Do, Study, Act	» PDSA template» action plan template.			
What Now?	 » sustainability checklist » quality improvement register (to be developed). 			

20. Proportion of fully immunised Indigenous children

Improve number of Indigenous children who have received all childhood immunisations.

Goal	» Increase the number of fully immunised Indigenous children.		
Measure	» Percentage of fully immunised Indigenous children.		
Starting point:	» <u>quick start guide</u>» <u>CQI readiness tool</u>		
	» data management health check		
	» Use Primary Sense Child Immunisations report"		
	» brainstorm ideas with the team.		
Possible improvement ideas	Set-up appropriate recall/reminder systems		
	» recalls & reminders.		
	Katrina Otto—recall & reminders (BP) Katrina Otto—recall & reminders (MD)		
Plan, Do, Study, Act	» PDSA template		
	» action plan template.		
What Now?	» sustainability checklist		
	» quality improvement register (to be developed).		

21. Proportion of patients 75+ with current Health Assessment

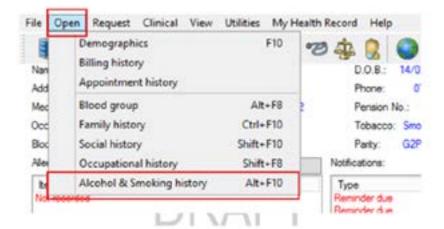
Improve number of patients with current 75+ Health Assessment.

Goal	» Increase % of patients >75 with a current Health Assessment.		
Measure	» Percentage of patients 75 years and over with a current Health Assessment.		
Starting point:	 » quick start guide » CQI readiness tool » data management health check » brainstorm ideas with the team. 		
Possible improvement ideas	Goal 1 Noutinely check results that 75+ Health Assessment are being performed and recorded. Goal 2 Set-up appropriate recall/reminder systems Note: Merging and locking lists Recalls & reminders.		
	Katrina Otto—recall & reminders (BP) Katrina Otto—recall & reminders (MD)		
Plan, Do, Study, Act	» PDSA template» action plan template.		
What Now?	» sustainability checklist» quality improvement register (to be developed).		



Instructions for entering smoking status in Best Practice

- 1. While the patient file is open, select Open and Alcohol & Smoking history.
- 2. Select Tobacco on the left-hand side menu.
- 3. Once you have entered the information, select Save.





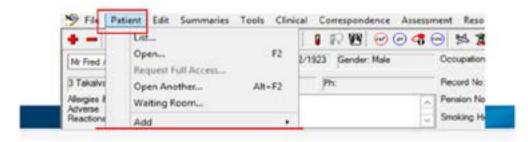


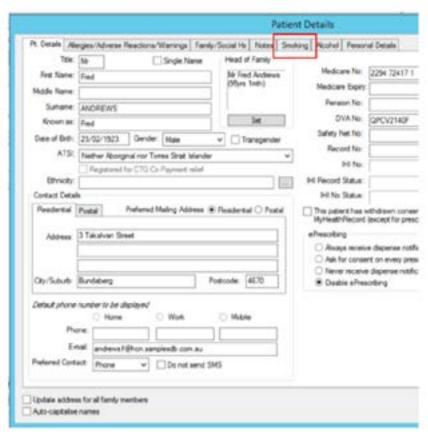
Instructions for entering emoking status in Medical Director

- Instructions for entering smoking status in Medical Director
- 1. Have the patient file open.
- 2. From the patient menu select Details.

0000000000

- 3. This will then open a screen where you can enter patient details, allergy/reactions, family/social history, smoking, alcohol, and personal details.
- 4. Select Smoking.
- 5. Once you have entered the details, select Save.

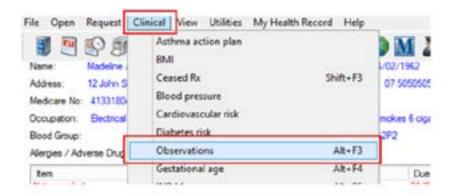


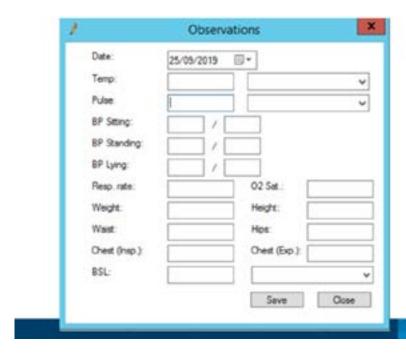




Instructions for entering measurements in Best Practice

- 1. Have the patient's file open.
- 2. From the top menu, select Clinical and then Observations.
- 3. Enter the appropriate information.
- 4. Click Save to complete.



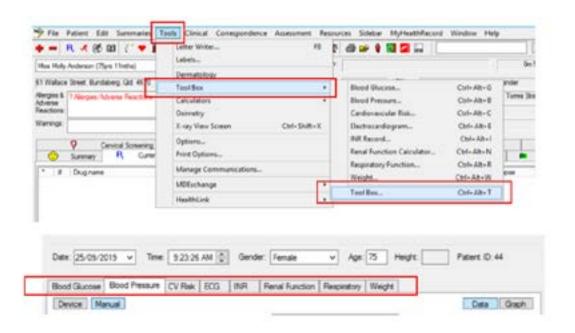




0000000000

Instructions on entering measurements into Medical Director

- 1. Have the patient's file open.
- 2. From the top menu, select Tools, Tool Box, and then Tool Box.
- 3. Select the appropriate tab and enter the relevant information.
- 4. Click Save to complete.





Links below will assist you in merging existing lists into the new agreed lists.

Best practice	Set up reminder reasons and defaults Cleaning up uncoded and free text data	
Medical Director	Merge clinical lists	
Genie	N/A	

Locking recall and reminder lists

- » This option is only available in Best Practice. See link below if applicable.
- » This prevents practitioners from adding new freetext labels/codes.

See pg 35-42 of PDF.

Recalls and reminders

An accurate recall/reminder system depends on using consistent labels/codes for the recall reason.

Discuss Code Options

Teams are more likely to use a set of codes/labels if they have been involved in deciding what they should be.

Discussion Point	Benefit			
Why using consistent coding is important?	 It is easier to extract accurate recall/reminder lists (nobody is missed). 			
What are the benefits of using standard codes?	 Screening participation rates are more accurate. Assess practice performance. Easier to identify under screened patients. 			
Table of options (see below). Adoption of agreed codes.	 Opportunity to offer input. Chance to provide feedback. 			
Options for access of codes » printouts » where to place them.	 Accessibility of codes. Consistent use of codes. 			

Examples of multiple labels/codes

Breast screening	Breast	Mam	Mammography	Breast screen
Bowel screening	FOBT	iFOBT	CRC screening	Bowel screen
Cervical/Pap	HPV	Pap smear	Cervical screen	Cervical screening

Transgender and intersex patients

It is important to capture information regarding patients who identify as transgender, gender diverse or intersex, so that they are not overlooked in data, and when developing recall and reminder systems.

For example, ALL patients aged 25 to 74 years, who have a cervix and have been sexually active, should have a cervical screen. This includes people who were assigned the gender of female at birth but no longer identify as such, even if they have had the HPV vaccination.

Understanding the meaning of intersex, transgender and gender diversity

Intersex

Intersex is a term that relates to a broad range of congenital physical traits or variations that lie between ideals of male and female. Intersex people are born with physical, hormonal or genetic features that are neither wholly female nor wholly male, or a combination of female and male. Many forms of intersex exist; it is a spectrum or umbrella term, rather than a single category. At least 30 or 40 different variations are known to science. Intersex differences may be apparent at birth. Some common intersex variations are diagnosed prenatally. Some intersex traits become apparent at puberty, or when trying to conceive, or through random chance.¹

According to Intersex Human Rights Australia, intersex clients need the following:

- » Clear messages that a service welcomes intersex people, and an awareness that intersex status is about variations of biology, not gender identity or sexual orientation.
- » To know that confidentiality will be respected.
- » Services that understand intersex health and wellbeing concerns.

Printable version of Making your service Intersex friendly.

Transgender and gender diverse

Transgender and gender diverse are described as individuals who identify to a different gender than that assigned to them at birth (ACON).

Gender diverse people may identify outside of the male and female binary. Identities may include; non-binary, gender-fluid, gender non-conforming, trans masculine and trans feminine, etc.

Transgender is independent of sexuality, meaning they will also have a sexual orientation which could be heterosexual, lesbian, gay, bisexual, etc.

Register for transgender and intersex patients

Maintaining a register of patients who identify as transgender, gender diverse, or intersex could be utilised to cross check lists.

This type of register can help to ensure that only patients who are clinically eligible to participate in specific screening programs receive reminder notifications, or are not overlooked as in the example above.

Consideration of changing patient information forms

Patient information forms give your patients the opportunity to tell you:

- » how they identify themselves
- » if they are transgender, gender diverse or intersex
- » how you should address them.

Questions for consideration (taken from ACON's checkout clinic registration form):

1. What is your current gender identity?

- » Female
- » Male
- » Non-binary
- » Different identity (open field here)

2. What sex were you assigned at birth?

- » Female
- » Male
- 3. Were you born with a variation of sex characteristics (this is sometimes called 'intersex')?
 - » Yes
 - » No
 - » Prefer not to say
- 4. What are your pronouns? (you can select more than one)
 - » She/Her/Hers
 - » He/Him/His
 - » They/Them/Theirs
 - » Other (open field here)

What now?	
Sustainability checklist	

Does your practice do the following?				
Organisational culture	Yes	No	Unsure	Action
The practice team is aware of the work that has been done.				
The team understand their role in the CQI activities.				
The team is supportive of the changes.				
Our team is regularly updated about: » changes being implemented & why » achievements and highlights of the work undertaken.				
Organisational structure	Yes	No	Unsure	Action
We have implemented a team-based approach to the ongoing delivery and management of our CQI activities.				
Roles and functions of team members are documented.				
If particular members of the team left, the CQI activities could continue (ie. contingency plan in place).				
Policy & process	Yes	No	Unsure	Action
Reminder workflow is documented.				
Agreed reminder labels have been documented.				
A process exists to ensure annual 'cleaning' of data.				
Good practice health literacy is part of your policy and processes.				

Revisiting the 'quality improvement readiness tool' you completed in the beginning of your CQI can help you:

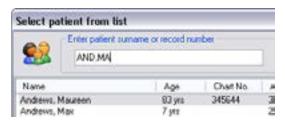
- » assess the changes and improvements you have made
- » identify any further actions you may wish to take.

Adapted from the Cancer Institute NSW, Cancer screening toolkit 2019.

Appendix 1: Medical Director Clinical training manual snippet (p14)

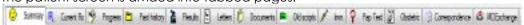
The Patient Screen

- 1. To open a patient record click on Open from the Main Screen or F2.
- 2. Type the first few letters of the patient's surname then a comma and one or two letters of their first name e.g. And, Ma for Maureen Andrews.



- 3. Click to highlight patient's name from list.
- 4. OK.

The patient screen is divided into tabbed pages.



You can choose which page you would like to open on your workstation and this is just one of many customisations you can make in Medical Director.

Opening in Progress Notes is a popular choice however another suggestion is to set your program to open in the Summary page. With this view you can see at a glance all major details about your patient and, importantly, you can see what information may no longer be current or has not yet been collected.

Customising MD for individual preferences

Options

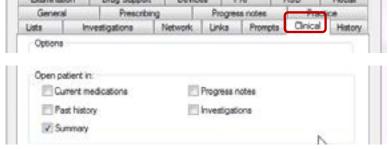
There are Tools, Options selections in both the Main Screen and Patient Screen

however more Options will be available from the Main Screen.

From the Main Screen:

- 1. Click on the dropdown menu Tools
- 2. Choose Options then click on the

relevant tab and tick to select or de-select options.



Tip: When updating 'options' do this from the Main Screen of MD rather than accessing from within the patient record as more options will be available.



Train IT Medical (Author: Katrina Otto Tel: 0424580286)

Page 14

www.trainitmedical.com.au

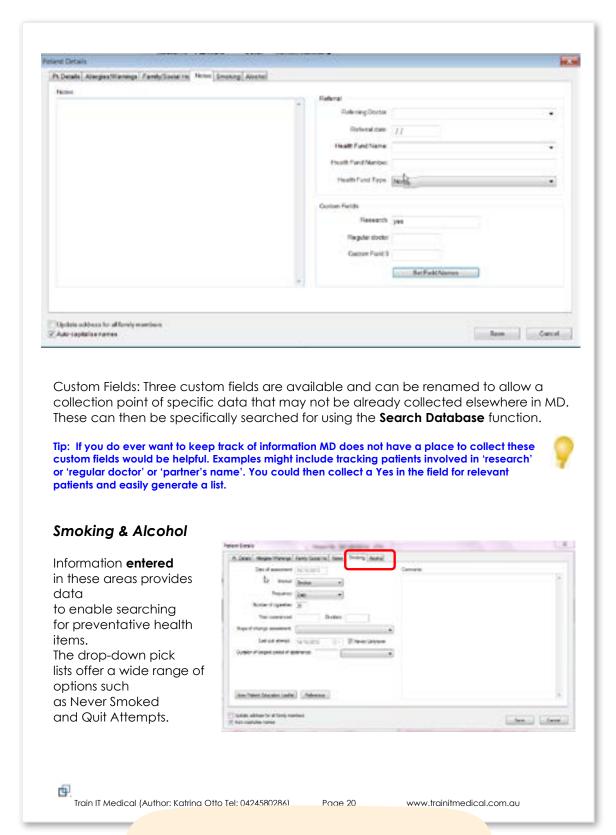
Please contact the NQPHN Primary Care Engagement Team aon pce@nqphn.com.au to gain access to the full Best Practice and/or Medical Director Training Manual.

Appendix 2: Medical Director Clinical training manual snippet (p24)

Exercise - Using the Clinical Tools to add a weight to Progress Notes 1. Click on Scales Icon. 2. **Enter** a weight. 3. Save. 4. Note the weight has been recorded in the patient's progress note. Exercise - Pathology Request 1. Click on test tube icon. 2. **Enter** details for an FBE. 3. **Print** (after inserting the pathology request form) 4. Close. 5. Note the test information has been recorded in the patient's progress note. The History and Examination tabs These tabs provide multiple areas for the collection of clinical information by **click**ing on pre-defined selections. **Exercise - Using the History Tab** 1. Click on the History tab. 2. **Add** 2 month history of lethargy 3. Click on Y for Poor sleep. 4. Save Train IT Medical (Author: Katrina Otto Tel: 0424580286) Page 24 www.trainitmedical.com.au

Please contact the NQPHN Primary Care Engagement Team aon pce@nqphn.com.au to gain access to the full Best Practice and/or Medical Director Training Manual.

Appendix 3: Medical Director Clinical training manual snippet (p20)



Please contact the NQPHN Primary Care Engagement Team aon pce@nqphn.com.au to gain access to the full Best Practice and/or Medical Director Training Manual.

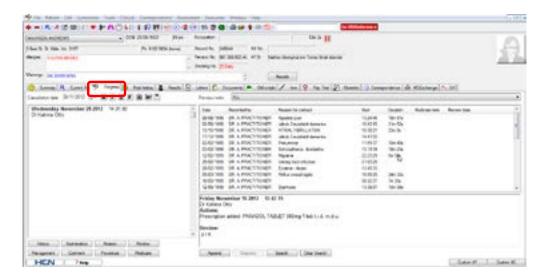
Appendix 4: Medical Director Clinical training manual snippet (p23)

Progress Notes

The Progress Notes:

On the screen in Medical Director is divided into two sections.

Once you have **open**ed a patient's record **click** on the Progress tab. The right hand section lists previous visits and the left hand side records today's visit details.



Progress notes are created in three ways:

1. Auto-populated from using inbuilt functions e.g. clinical tools

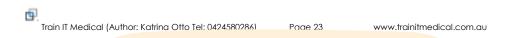


2. Using the tabs at the bottom of the screen (History, Examination etc.)



3. Free text typing

By using the inbuilt clinical tools and shortcuts you can record detailed progress notes with minimal typing. This is known as single point data entry. This means when you **enter** details in one part of MD, for example order a pathology test, prescribe a medication, give an immunisation, **add** a recall etc. then that information is automatically recorded in the patient's progress (clinical) notes.

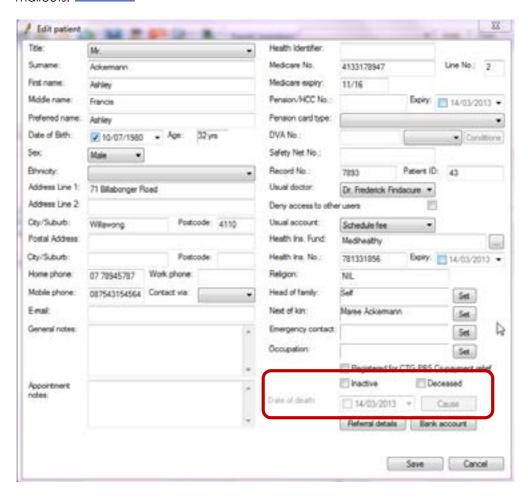


Please contact the NQPHN Primary Care Engagement Team aon pce@nqphn.com.au to gain access to the full Best Practice and/or Medical Director Training Manual.

Appendix 5: Bp Premier Clinical training manual snippet (p54)

Marking patients as inactive or deceased

Individually mark patients as inactive or deceased within the View Details screen. It is important that this is done especially before performing bulk mailouts.





000000000

Exercise – Search for a patient and mark their file as inactive or deceased.



Please contact the NQPHN Primary Care Engagement Team aon pee@nqphn.com.au to gain access to the full Best Practice and/or Medical Director Training Manual.

Appendix 6: Bp Premier Clinical training manual snippet (p7)

Adding or Editing Patient Details

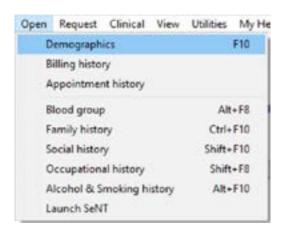
Always enter as much patient information as possible and update on a regular basis, remembering if information is entered in the correct place then care plans, health assessments, diabetes registers (as well as referrals and shared health summaries) etc will be automatically populated where relevant.

- Allergies
- Medications
- Diagnoses (Past History list)
- Immunisations
- Measurements eg. Height, weight, BP
- Family & social history
- Recalls and reminders
- Outstanding requests

Tip: An 'active' patient (RACGP definition) is a patient you have seen 3 times in the past 2 years.

Tip: 90% of allergy information and 75% of Family/Social History/Smoking/Alcohol (risk factors) is required for accreditation for our 'active' patients.

To update the patient's details select the Open drop-down menu and choose – Demographics, Family History, Alcohol & Smoking history etc.





Page

www.trainitmedical.com.au

Please contact the NQPHN Primary Care Engagement Team aon pce@nqphn.com.au to gain access to the full Best Practice and/or Medical Director Training Manual.





e: support@nqphn.com.au w: nqphn.com.au







