

**PDSA: Increase the number of active patients who have their smoking status recorded. (Quality Improvement Measure 2)**

Why is this important?

According to the latest data from the [Australian Institute of Health and welfare](#)

- Tobacco smoking is the leading cause of preventable diseases and death in Australia.
- Smoking was responsible for 9.3 per cent of the total burden of disease in Australia in 2015, making it the leading risk factor contributing to disease burden.
- Almost three-quarters (73 per cent) of the burden due to smoking resulted in premature death.
- In 2015, smoking was responsible for more than 1 in every 8 deaths.
- Approximately 12 per cent of Australian adults continue to smoke.

Recording of smoking status keeps our records up-to-date and prompts us to have conversations about smoking with appropriate patient populations. There is good evidence that brief advice significantly increases cessation rates and is highly cost effective.

*For patients aged 15 to 29, only those with smoking status recorded in the last 12 months of data extraction are counted towards this PIPQI measure. For patients aged 30 or older, the latest smoking status is considered as current status.*

Clinic:	Date:		
Title:	Number:		
<p>Goal: What is the overall goal you wish to achieve?                  Increase the number of patients who have their smoking status recorded. For 15-29 year olds this must be updated annually until the patient has reached the age of 30 and older.</p>			
<p>Idea: Install <b>Walrus</b> point of care tool on each workstation which will prompt clinicians when the patient does not have their smoking status recorded.</p>			
<p>PLAN:</p> <p>1) Implement the use of <b>Walrus</b> tool in the practice to keep ensure patients with missing clinical data are identified and patients smoking status is recorded.</p>			
List the tasks necessary to complete this test (what)	Person responsible (who)	When	Where
Install <b>Walrus</b> (install tool is on Welcome to POLAR page) or contact <a href="mailto:digitalhealth@emphn.org.au">digitalhealth@emphn.org.au</a> for assistance in setting this up.			
Get baseline data from POLAR to measure change			
Train staff and GPS in the use of <b>Walrus</b>			
Ensure Practice staff knows how to record smoking status and understands that for patients between the age of 15-29 years, this need to have this updated annually. <i>(see attached guides for BP and MD)</i>			
Run POLAR search monthly to track results			
<p>3) What do you predict will happen?  <b>QIM 2.4</b> measures will increase.  <b>Walrus</b> will be widely adopted for other missing measures.</p>			
<p>DO: Was the cycle carried out as planned? Yes No, if not why?</p>			
<p>STUDY: Record, analyse and reflect on results. Did the results match your predictions?</p>			

**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.	

**How to get the baseline data from POLAR:**

Patient Cohort:

RACGP Active

Patient Status Active

Do not have their smoking status recorded or for 15-29 year olds data has not been updated in the previous 12 months.

1. Open POLAR and Select PIPQI Clinic Report



2. In Smoking tab sect QIM 2.4 Smoking Recorded Record the baseline data

**QIM Group**

QIM Group	Metric	Patient Counts	Current Proportion	Trend
Diabetes	QIM_1.1	18 / 28	64.29%	
	QIM_1.2	202 / 272	74.26%	
	QIM_1.3	54 / 86	62.79%	
	QIM_1.0	187 / 359	52.09%	
Smoking	QIM_2.1	686 / 5,111	17.34%	
	QIM_2.2	1,232 / 5,111	24.10%	
	QIM_2.3	2,993 / 5,111	58.56%	
	QIM_2.4	5,111 / 6,038	84.65%	
BMI	QIM_3.1	506 / 1,187	42.63%	
	QIM_3.2	398 / 1,187	33.53%	
	QIM_3.3	266 / 1,187	22.41%	
	QIM_3.4	17 / 1,187	1.43%	
	QIM_3.5	1,187 / 6,038	19.66%	
Influenza	QIM_4	842 / 1,411	59.67%	
	QIM_5	188 / 347	54.18%	
Alcohol	QIM_6	70 / 103	67.96%	
	QIM_7	2,989 / 6,038	49.50%	
CVD	QIM_8	1,899 / 2,869	38.17%	
	QIM_9	958 / 2,456	38.97%	

**Line Graph: Proportion of regular clients who are aged 15 years and over who have a smoking status recorded.**

Month	Proportion
Oct-19	83.5%
Nov-19	83.5%
Dec-19	83.7%
Jan-20	83.8%
Feb-20	83.9%
Mar-20	84.2%
Apr-20	84.2%
May-20	84.7%
Jun-20	84.5%
Jul-20	84.5%
Aug-20	84.6%
Sep-20	84.5%
Oct-20	84.6%

**Numerator:** RACGP Active and Software Active patients Aged 15 years and older Have a smoking status recorded

**Denominator:** RACGP Active and Software Active patients Aged 15 years and older

## Recording Smoking in Best Practice

In a patient record select family/social history then select Smoking

Expand Collapse

Family Social Occupation Alcohol **Smoking**

Family history

Mother:

Father:

Other details:

Created By: West End Medical Practice on 10/12/2014

Avanceo 45mg Tablet 1 In the evening

Avanceo HCT 300/125 300mg/12.5mg

Celecox 20mg Tablet 1 Daily

Madopar 250mg/50mg Tablet 1 Three

Monodox 120mg Tablet 1 Daily

Past history

Active

- 10/2008 Hypertension
- 02/2009 Osteoporosis
- 03/2009 Memory loss
- 10/2010 Bilateral Cataract
- 05/2012 Parkinson's disease
- 03/2013 Ischaemic heart disease
- 03/2013 Hyperlipidaemia
- 12/2013 Depression

Inactive

Immunisations

Investigation reports

Correspondence In

Correspondence Out

Past prescriptions

Observations

**Family/Social history**

Clinical images

Enhanced Primary Care

Update and Save

Family & Social History

Family

Social

Occupation

Alcohol

Tobacco

**Current Smoking History**

Non smoker  Ex smoker  Smoker

Year started:

**Past Smoking History**

Quantity/day:  Unknown  < 1  1 - 9  10 - 19  20 - 39  40+

Year started:  Year stopped:

Patient would like cessation advice/support:  Yes  No

Brief advice to stop smoking given  Prescribed cessation medication

Provided cessation behavioural support  Referred to cessation support

Comment: 30 per day

Last updated: 10/12/2014  Check box and Save if up to date

Save Cancel

## Recording Smoking in Medical Director

In a patient file double click anywhere in the patient details or use the smoking icon

File Patient Edit Summary

Mr Caleb Derrington (88yrs 2mths)

Record the details or click new assessment for patients 15-29 years to record that you have updated annually. Then save.

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

Date of assessment: 10/12/2014

Smoker: Ex-smoker

Quit date: 10/12/2014

Number of cigarettes: 0

Year commenced:  Duration:

Stage of change assessment:

Last quit attempt: 09/09/2021  Never/Unknown

Duration of longest period of abstinence:

Smoking cessation intervention discussed with patient

View Patient Education Leaflet Reference New Assessment

Currently displaying data from assessment performed on 10/12/2014. Click 'New Assessment' to conduct a new assessment.

Date	Time	Smoker	Number of Cigarettes
10/12/2014	00:00:00	Ex-smoker	0 Daily

Comments: 30/day

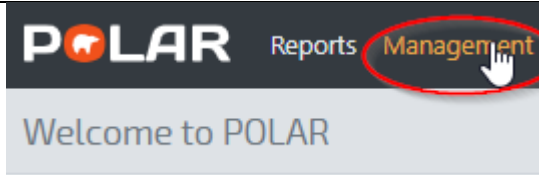
Update address for all family members

Auto-capitalise names

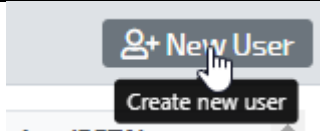
Save Cancel

Installing the **Walrus** Tool (If you need assistance with this contact your Digital Health Team at [digitalhealth@emphn.org.au](mailto:digitalhealth@emphn.org.au))

All users will need to have a user profile set up in POLAR to do this you will need to have ADMIN access levels when you open POLAR select Management



In the top right hand side you will see create new user



Fill in the fields with the new user details then select create user

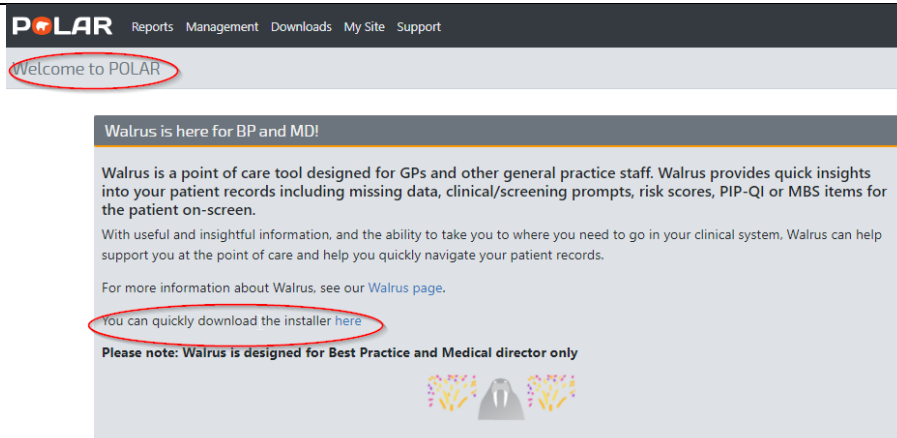
EMPHN has a short video on YouTube on creating users in POLAR here is the [link](#)

You will be taken to this screen and will need to tick the boxes for the user to have access to the reports.

EMPHN Test BP

Name	Last Login	Admin	Clinic Summary	PIPQI Clinic	Cardiovascular Disease Clinic	Hospitalisation Risk (BETA)	Patient Timeline WALRUS	COVID-19 Vaccine Planning (BETA)
Barb Ripcan (Authoriser)	Today at 2:24 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
polat User	19/01/2021	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sally Chapman		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tom Perry	25/03/2021	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Go to the Welcome to POLAR page the installer link is available here. Or go to this link to access the install and user guide



Note you will need to install walrus on each workstation