



improvement foundation
Australia

A Collaborative, Systematic Approach to Measuring Quality and Safety in General Practice

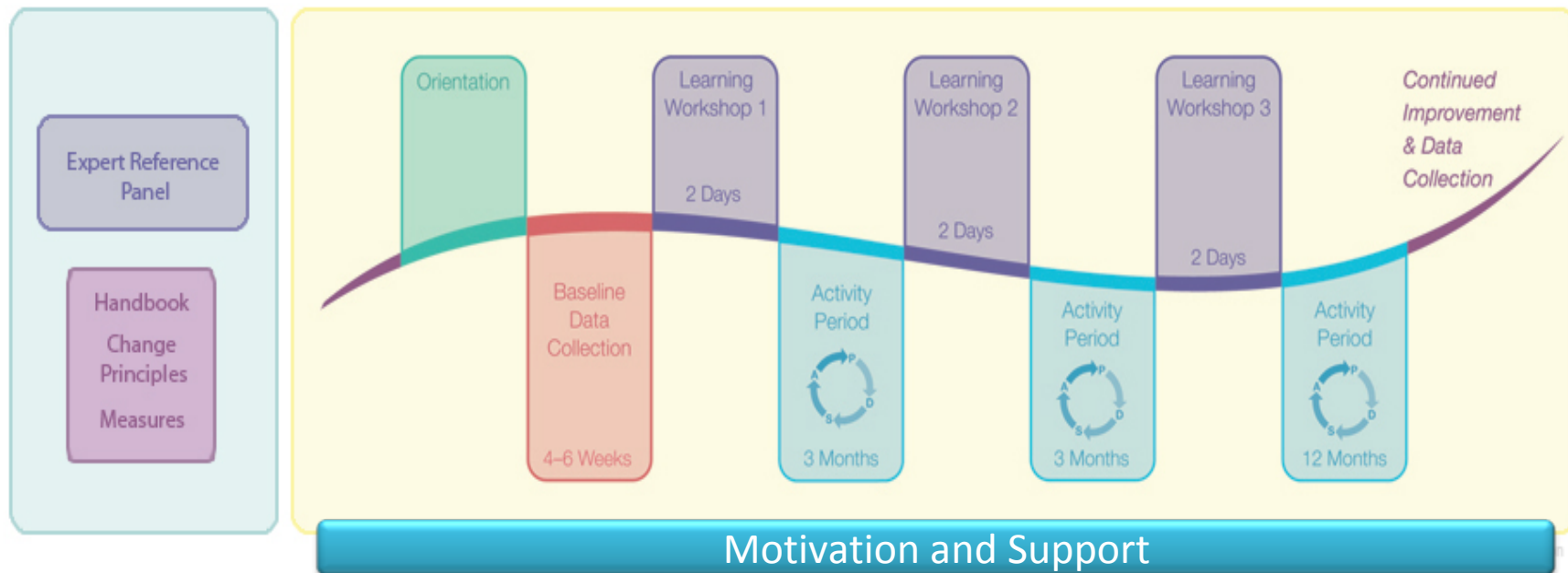
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Improvement Foundation Australia

Today's Agenda

- Overview of the Collaborative Model
- Look at our approach to QIs
- What's worked...what hasn't



The Collaborative Model



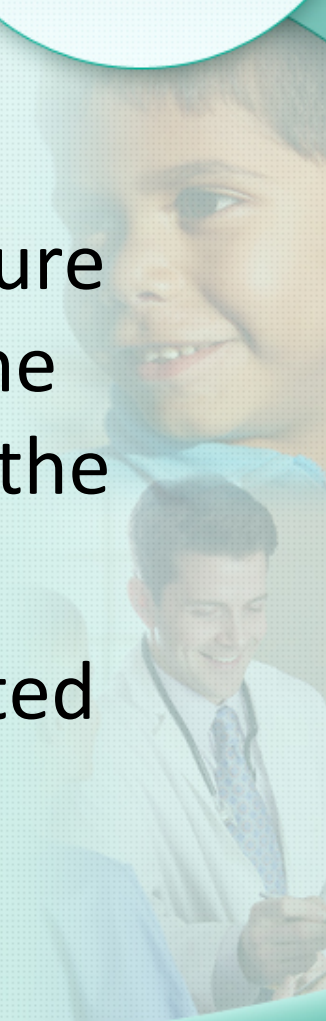
Expert Reference Panels

- Comprise content, application and QI experts
- Focused Role – not committees
- Determine change principles, appropriate measurement and ideas for change

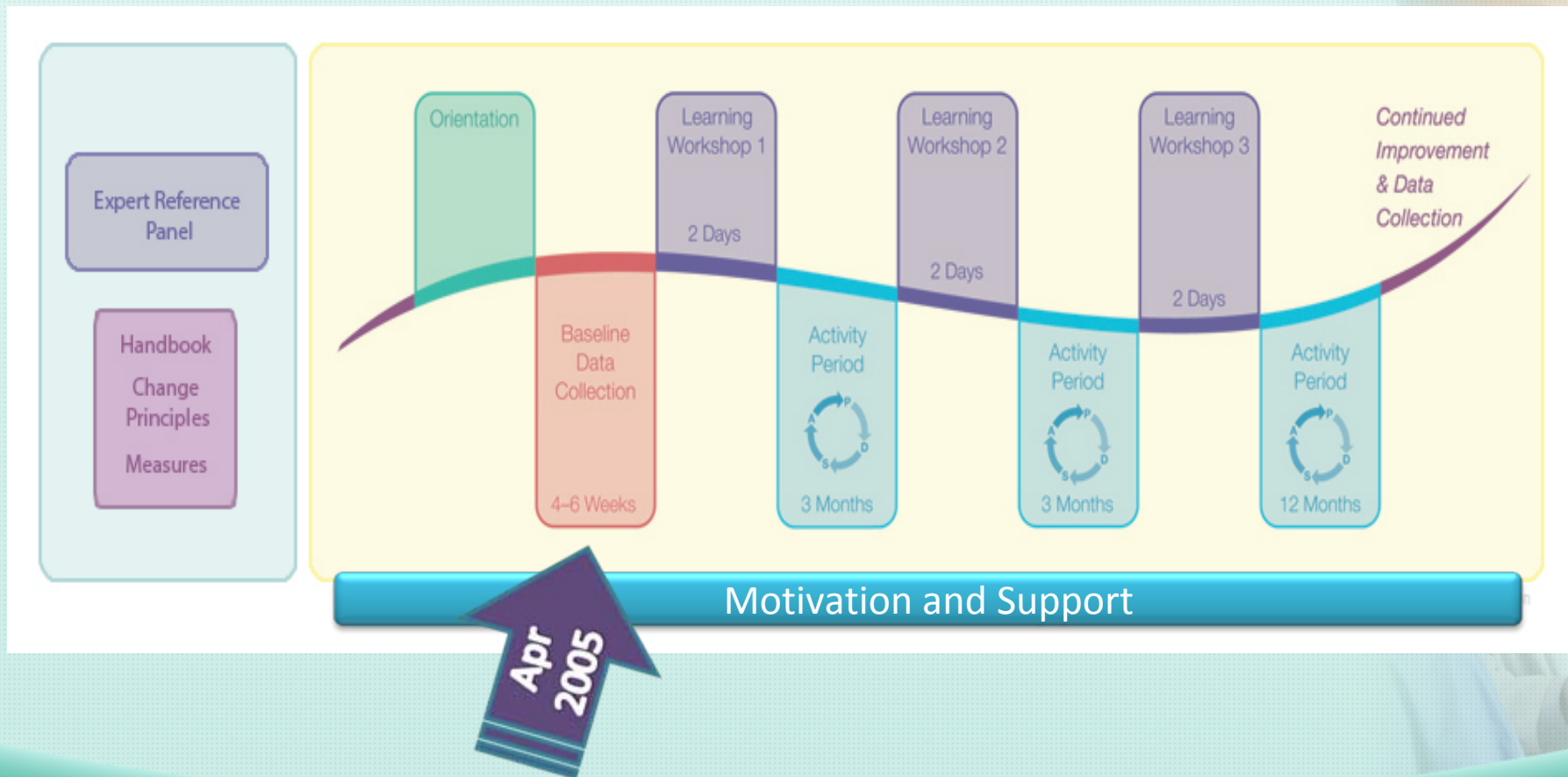


Improvement measures need to be

- Consistent with the aim
- Sensitive to change and be able to measure improvement in input, output or outcome areas that are consistent with achieving the aim
- Can be reasonably and accurately collected at the practice



The Collaborative Model



Diabetes Measures

2005 – 5 measures	2009 – 13 measures
Register	Register
HbA1c	HbA1c
Cholesterol	Cholesterol
	Cholesterol Recorded
Blood Pressure	Blood Pressure
	BP Recorded
SIP	Annual Cycle of Care
	Key Measurables
	Key Measurables Recorded
	Aspirin
	ACR
	Influenza Vaccine
	Pneumococcal Vaccine



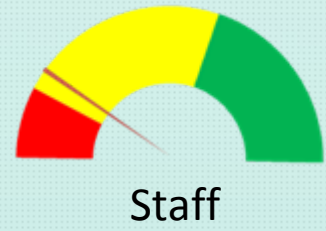
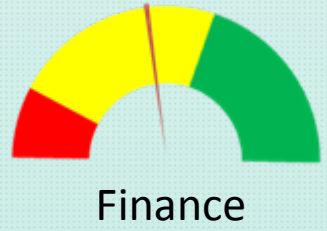
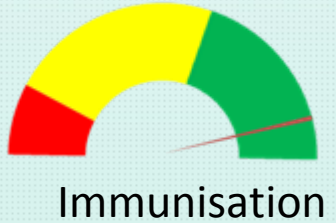
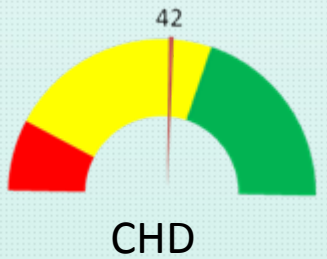
Diabetes Key Measurables

- HbA1c recorded within previous 12 months
- Total cholesterol recorded within previous 12 months
- Blood pressure recorded within previous 6 months
- ACR OR other urinary Micro albumin test recorded within previous 12 months
- Recorded smoking status

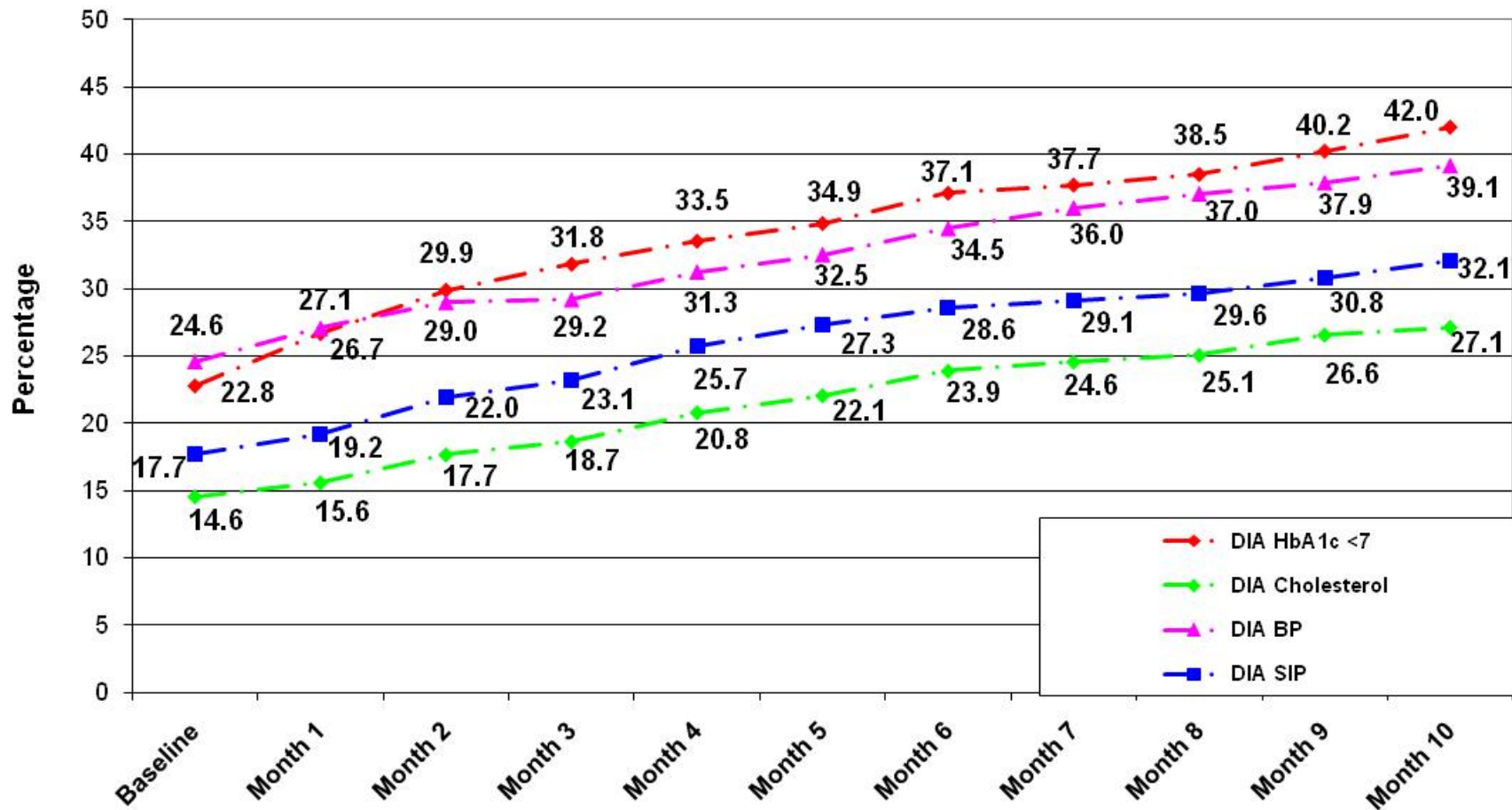




My Practice



Diabetes Percentage Measures: Trend of Mean Percentage by Month Number
NSW, QLD & ACT Wave 1 Month 10 (March 2009)



What's worked

- Measurement
- Trusted source for practice data
- Peer led improvement
- Protected time
- Support
- Incentive



What could be a lot better

- Practice teams
- Policy to drive quality indicators
 - Continued incentive(s)
- Competition for data
- Lack of national standards/definitions
- Clinical software limitations





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Thank you

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CHD Measures

Title	Description
CHD Register	The number of patients within the clinical data base matching the CHD definition.
Blood Pressure	The percentage of patients on the CHD Register with a last recorded blood pressure reading of less than or equal to 130/80 mm Hg within the previous 12 months.
BP Recorded	The percentage of patients on the CHD Register with a last recorded blood pressure within the previous 12 months.
Anti-platelet	The percentage of patients on the CHD Register that are prescribed an anti-platelet agent.
Statin	The percentage of patients on the CHD Register that are prescribed a statin.
Cholesterol	The percentage of patients on the CHD Register where the cholesterol has been measured within the last 12 months AND the last measurement for total cholesterol was less than 4mmol/l.
Cholesterol Recorded	The percentage of patients on the CHD Register where the cholesterol has been measured within the last 12 months.
ACE/ARB	The percentage of patients on the CHD Register who are currently prescribed an ACE (Angiotensin Converting Enzyme) Inhibitor or ARB (Angiotensin Receptor Blocker).

CHD Measures

Title	Description
Smoking Status	<p>The percentage of patients on the CHD Register whose smoking status indicates they are non-smokers (i and ii).</p> <p>i) Never Smoked</p> <p>ii) Ex Smoker</p> <p>iii) Current Smoker</p> <p>iv) Not Recorded.</p>
Smoking Status Assessment	<p>CHD patients who recorded as Current Smoker or Ex Smoker and who have had their smoking status assessed in the last 12 months.</p>
MI/ACS	<p>The percentage of patients on the CHD Register who have had an myocardial infarction (MI) or Acute Coronary Syndrome (ACS) recorded in past 12 months.</p>
CHD Death	<p>Number of deaths that were recorded in the last calendar month where the patient had a diagnosis of CHD.</p>
CHD All	<p>The percentage of patients on the CHD Register who satisfy all of the following CHD Measures:</p> <ul style="list-style-type: none"> - Blood Pressure ($\leq 130/80$) - Anti-platelet (prescribed) - Cholesterol (< 4) - ACE/ARB (prescribed)

Diabetes Measures

Title	Description
Diabetes Register	The number of patients within the clinical data base matching the Diabetes Definition.
HbA1c	The percentage of patients on the Diabetes Register with a recorded HbA1c within the last 12 months AND where the last recorded HbA1C result was less than or equal to i) 7.0%.
	ii) HbA1c >7% and <=8 %
	iii) HbA1c > 8% and <= 10%
	iv) HbA1c > 10 %
	v) HbA1c Not recorded.
Cholesterol	The percentage of patients on the Diabetes Register with a recorded cholesterol test in the last 12 months AND where the last recorded cholesterol test result is less than 4mmol/l
Cholesterol Recorded	The percentage of patients on the Diabetes Register with a recorded cholesterol test in the last 12 months.
Blood Pressure	The percentage of patients on the Diabetes Register with a last recorded BP reading of less than or equal to 130/80 mm Hg within the previous 12 months.
BP Recorded	The percentage of patients on the Diabetes Register with a last recorded BP within the previous 12 months.

Diabetes Measures

Title	Description
Diabetes Key Measureables	The percentage of Patients on the Diabetes Register that have received all key measureables within the required timeframe and who are within the recommended targets.
Diabetes Key Measureables Recorded	The percentage of Patients on the Diabetes Register that have received all key measureables within the required timeframe.
Diabetes Annual Cycle of Care.	The percentage of annual cycle of care elements completed for the people on the Diabetes Register.
Aspirin	The percentage of patients on the Diabetes Register who are aged greater than or equal to 55 AND recorded as being prescribed or taking aspirin.
ACR	The percentage of patients on the Diabetes Register who have had an urinary ACR or other urinary Microalbumin test result in previous 12 month.
Influenza Vaccine	The percentage of patients on the Diabetes Register recorded as receiving an influenza vaccine within the last 12 months.
Pneumococcal Vaccine	The percentage of patients on the Diabetes Register with a recorded Pneumococcal Vaccine

COPD Measures

Title	Description
COPD Register	The number of patients within the clinical data base matching the definition of COPD.
Smoking Status	<p>The percentage of patients on the COPD Register whose smoking status indicates they are non-smokers (i and ii).</p> <ul style="list-style-type: none"> i) Never Smoked ii) Ex Smoker iii) Current Smoker iv) Not Recorded
Smoking Status	The percentage of patients on the COPD Register whose smoking status indicates they are non-smokers (i and ii).
Smoking Status Assessment	COPD patients who recorded as Current Smoker or Ex Smoker and who have had their smoking status assessed in the last 12 months.
Screening	Percentage of patients at risk of COPD who have had Spirometry screening within past 2 years.
Spirometry	Percentage of patients on COPD register who have had Spirometry recorded at anytime.

COPD Measures

Title	Description
Influenza Vaccine	The percentage of patients on the COPD Register recorded as receiving an influenza vaccine within the last 12 months.
Pneumococcal Vaccine	The percentage of patients on the COPD Register with a recorded pneumococcal vaccine.



Prevention Measures

Title	Description
Smoking Status	<p>The percentage of patients on the data base whose smoking status indicates they are non-smokers (i and ii).</p> <ul style="list-style-type: none"> i) Never Smoked ii) Ex Smoker iii) Current Smoker iv) Not Recorded.
Smoking Status Assessment	Patients who recorded as Current Smoker or Ex Smoker and who have had their smoking status assessed in the last 12 months.
Pap Smear	The number and percentage of female patients aged 20 – 69 recorded as having had a pap smear within the last 2 years.
Breast Screen	The percentage of female patients aged 50 – 69 recorded as having had a breast screen within the last 2 years



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For a list of all APCC Program measures
please visit www.apcc.org.au