



Model for Improvement



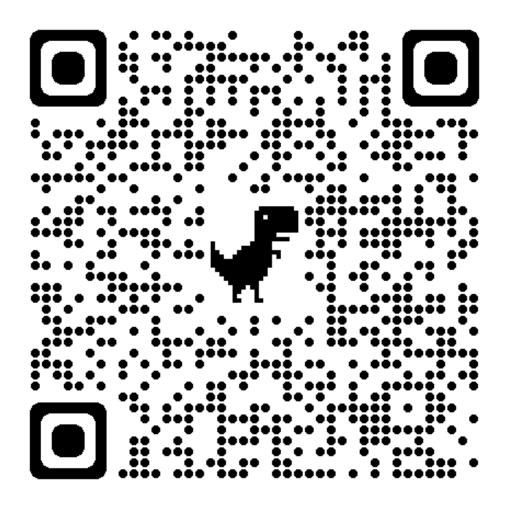


Bodenheimer Building Blocks

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PF Backpack



# Evaluation

https://practiceinnovationco.co1.qualtrics.com/j fe/form/SV\_3vDd4sDYzpo0R9Q?Event=12042023 BHITraining

# Objectives

1

Enhance PF skills

2

Gain increased understanding of the Model for Improvement and Bodenheimer Building Blocks.

3

Review PF Backpack resource

# Institute for Healthcare Improvement

#### Model for Improvement

What are we trying to accomplish?

How will we know that a change is an improvement?

What change can we make that will result in improvement?

#### **Setting Aims**

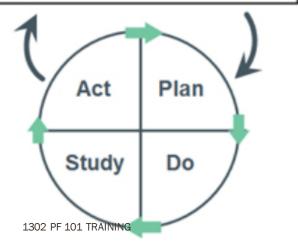
The aim should be time-specific and measurable; it should also define the specific population of patients or other system that will be affected.

#### **Establishing Measures**

Teams use quantitative measures to determine if a specific change actually leads to an improvement.

#### Selecting Changes

Ideas for change may come from those who work in the system or from the experience of others who have successfully improved.



#### **Testing Changes**

The Plan-Do-Study-Act (PDSA) cycle is shorthand for testing a change in the real work setting — by planning it, trying it, observing the results, and acting on what is learned. This is the scientific method adapted for action-oriented learning.

# Step #1 – AIM

#### Step 1 - Create a 4-part aim statement

The Model for Improvement

# AIM What are we trying to accomplish? MEASURES How will we know that a change is an improvement? CHANGES What changes can we make that will result in improvement? Act Plan Study Do

An aim statement should answer these four questions:

- 1. What do we want to improve?
- 2. Who is the improvement for?
- 3. How much improvement do we want to make?
- 4. By when?

# Step #2 – MEASURES

#### Step 2 - Determine how to measure improvement

The Model for Improvement

#### **AIM**

What are we trying to accomplish?

#### **MEASURES**

How will we know that a change is an improvement?

#### **CHANGES**

What changes can we make that will result in improvement?



#### **Process measures**

• Are the parts of the system functioning as planned?

#### **Outcomes measures**

What are the results of improved processes?

#### **Balancing measures**

 Are there possible negative consequences of the change?

# Step #3 – CHANGES

#### Step 3 - Identify changes to try

The Model for Improvement

#### **MIA**

What are we trying to accomplish?

#### **MEASURES**

How will we know that a change is an improvement?

#### **CHANGES**

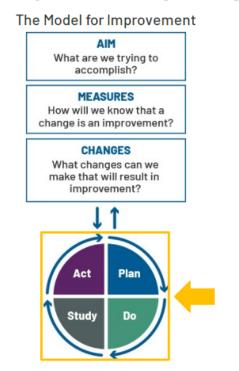
What changes can we make that will result in improvement?



- Review strategies on a key driver diagram
- Brainstorm with staff and clinicians
- Conduct a "last 10 patients" chart audit
- Use the 5 Whys and create a fishbone diagram
- Steal shamelessly Find exemplars!
- Consult evidence reviews, guidelines, evidence-based toolkits

# Step #4 – PDSA

#### Step 4 - Test changes using Plan-Do-Study-Act cycles





#### PLAN DO STUDY ACT (PDSA) FORM

		Start Date:	Cycle #: End Date:
Project Title:			Project Lead:
State:		Task	c-related; Task:
			Internal Process
Objective of this Cycle:			
Develop a Change	Test a Change	Implement a	Change
Aim Statement (WHAT YOU ARE	TRYING TO ACCOMPLISH):		
<ul> <li>Specific- targeted popular</li> </ul>	tion:		
	asure and clearly stated goal:		
<ul> <li>Achievable- brief plan to</li> </ul>	370 (CA 2015)   FE 30 CHY		
Relevant- why is it import			
<ul> <li><u>Time Specific</u>- anticipated</li> </ul>	length of cycle:		
PLAN Act Plan Soudy Do			
Test/Implementation Plan (THIN)	K ABOUT WHAT CHANGES YOU CAN plemented? Include how change wi s already noted in Aim Statement a	ll be conducted, who will re	un it, where it will be
Test/Implementation Plan (THINI What change will be tested or im	plemented? Include how change wi	ll be conducted, who will re	un it, where it will be
rest/Implementation Plan (THINI What change will be tested or im run and when it will be run unles responsibilities and due dates.) Prediction:	plemented? Include how change wi	ill be conducted, who will re bove. (If needed, include sp	un it, where it will be ecifics on tasks,
rest/Implementation Plan (THINI What change will be tested or im run and when it will be run unles responsibilities and due dates.) Prediction:	plemented? Include how change wi s already noted in Aim Statement a	ill be conducted, who will re bove. (If needed, include sp	un it, where it will be ecifics on tasks,

How will the data (measures or observations) be collected and displayed?
What decisions will be made based on data?

DO



When will the collection of data take place?

Activities/Observations:

Record activities/observations that were done in addition to those listed in plan (above):

STUDY



Questions: Copy and paste Prediction from Plan above and evaluate learning. Complete analysis of the data. Insert graphic analysis whenever possible.

Prediction:

Learning (Comparison of questions, predictions, and analysis of data):

Summary (Look at your data. Did the change lead to improvement? Why or why not?):

ACT



Describe next PDSA Cycle: Based on the learning in "Study," what is your next test?

#### PLAN DO STUDY ACT (PDSA) FORM

		Cycle #:		
	Start Date:	End Date:		
Project Title:		Project Lead:		
State:	Task	related; Task:		
		Internal Process		
Objective of this Cycle:				
Develop a Change Test a Change	Implement a	Change		
Aim Statement (WHAT YOU ARE TRYING TO ACCOMPLISH):				
<u>Specific</u> - targeted population:				
Measurable- what to measure and clearly stated goal:				
Achievable- brief plan to accomplish it:				
Relevant- why is it important to do now:				
<u>Time Specific</u> - anticipated length of cycle:				



Test/Implementation Plan (THINK ABOUT WHAT CHANGES YOU CAN MAKE THAT WILL RESULT IN IMPROVEMENT):

What change will be tested or implemented? Include how change will be conducted, who will run it, where it will be run and when it will be run unless already noted in Aim Statement above. (If needed, include specifics on tasks, responsibilities and due dates.)

responsibilities and due dates.
Prediction:
Data Collection Plan (THINK ABOUT HOW YOU WILL KNOW THE CHANGE IS AN IMPROVEMENT):
What data/measures will be collected?
Who will collect the data?
When will the collection of data take place?
How will the data (measures or observations) be collected and displayed?
What decisions will be made based on data?

DO



#### Activities/Observations:

Record activities/observations that were done in addition to those listed in plan (above):



**Questions:** Copy and paste Prediction from Plan above and evaluate learning. Complete analysis of the data. Insert graphic analysis whenever possible.

#### Prediction:

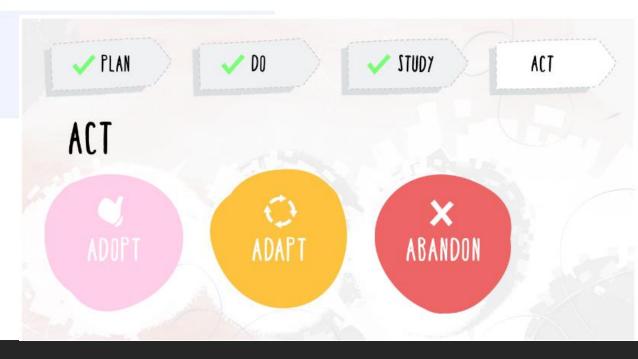
Learning (Comparison of questions, predictions, and analysis of data):

Summary (Look at your data. Did the change lead to improvement? Why or why not?):

#### ACT



Describe next PDSA Cycle: Based on the learning in "Study," what is your next test?



## Act

- Adopt results are what you planned and what you want - ADOPT!
- Adapt result are almost what you wanted -ADAPT!
- Abandon results are not what you wanted after several tries - ABANDON! December 2023



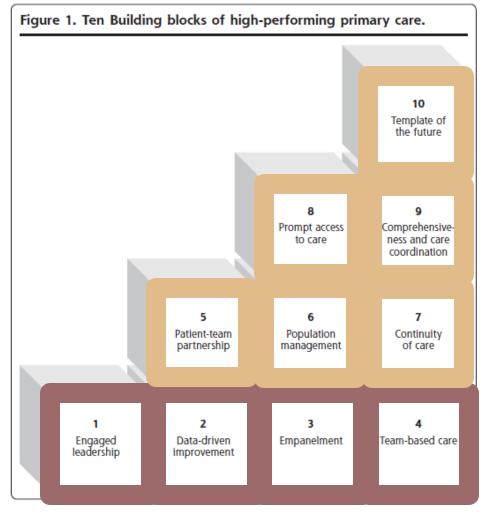
# Bodenheimer Building Blocks



10 Building
Blocks of high
functioning
and
performing
practices

Maroon = foundational elements

Tan = advanced elements



Bodenheimer, et al. Annals of Family Medicine. 2014

# BB 1 – Engaged Leadership



# Importance of Change Leadership

- 1. Effective leadership is the foundation for practice transformation
- 2. Lack of leadership alignment and support undermines the change process
- 3. Empowering effective formal and informal leaders creates a shared leadership culture
- 4. "It takes two"Provider ChampionStaff member
- 5. It is a big culture change to empower teams and allow team roles to expand

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# Effective Leaders for Change



Actively engage in the process & respond to people in a timely manner



Facilitate the development of a shared vision



Help everyone figure out how they can contribute



Are transparent with information & data



Identify and empower other leaders in the practice



Provide protected time for the team and themselves to meet to address changes

Empower people to work at highest level: facilitative leadership/shared leadership

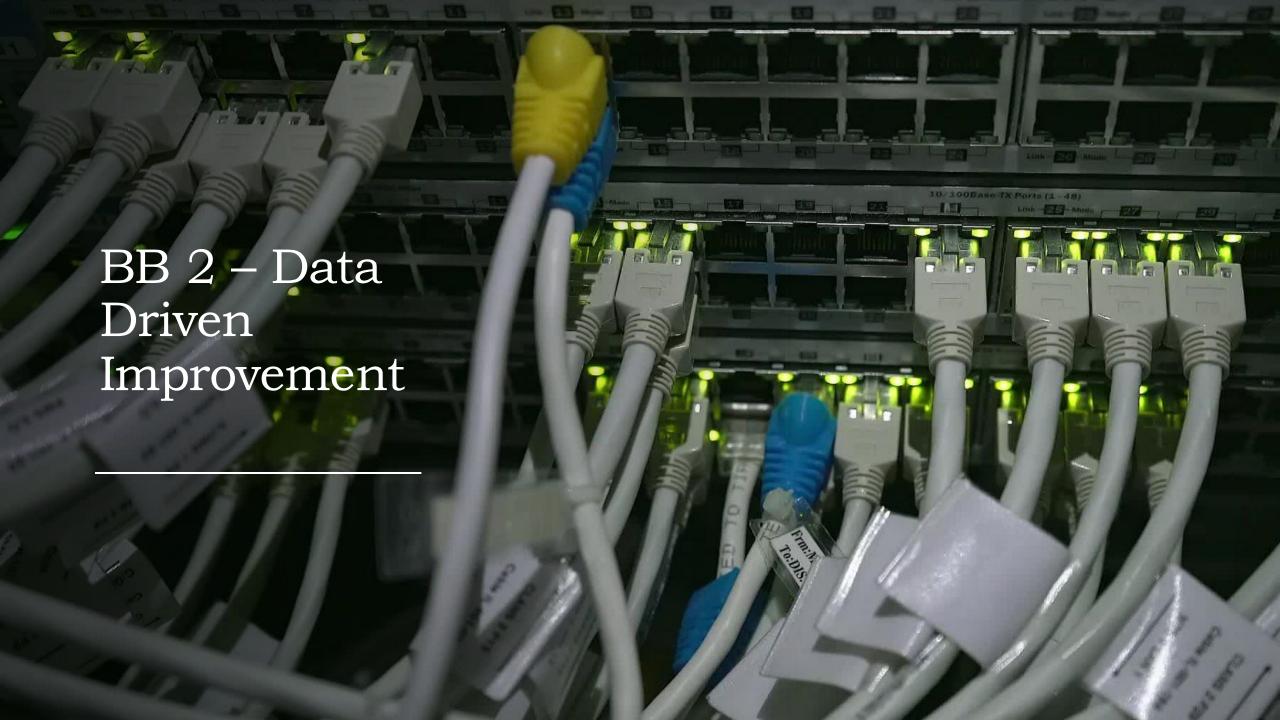
Hold people (and self) accountable

Encourage innovation

Are not afraid of failures

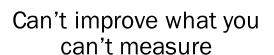
Buy into a team approach to improvement and problem-solving

# Effective Leaders (continued)



# Why is data so important?







How do you know that what you are doing is working?



Often tied to payment

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### Data Planning

Where will you get the data from?

- EHR are there specific reports?
- Do you have a dashboard that providers have access to?

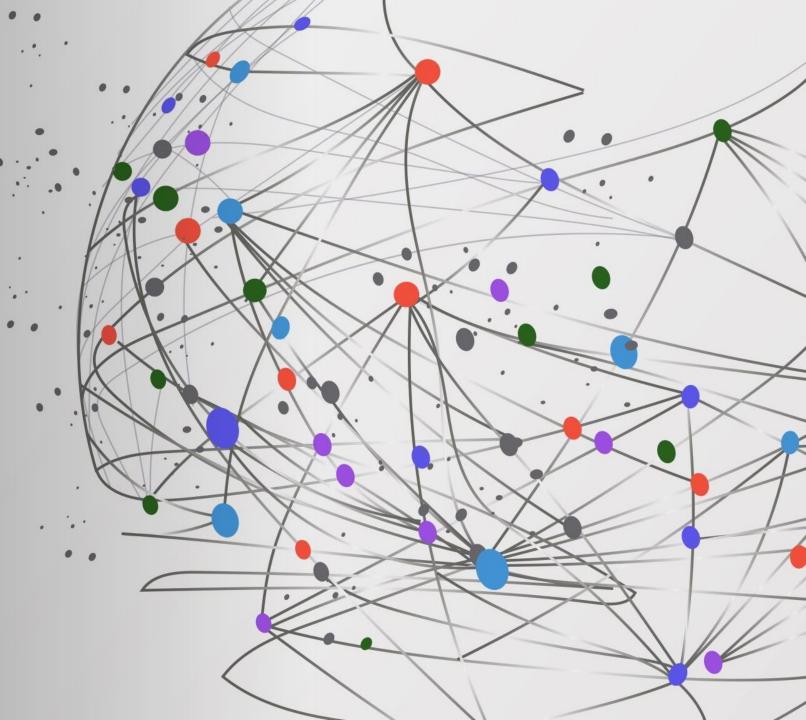
Who will pull the data?

When will they pull the data?

Where will you review the data?

Who will validate the data?

BB 3 – Empanelment



# Empanelment

Who are your patients?

Who do your patients say their doctor is?

Identify your denominator – key to population management

To know how many patients have an A1C > 9, first need to know who your patients are with diabetes.

## The 4-Cut Method for Panel Assignment

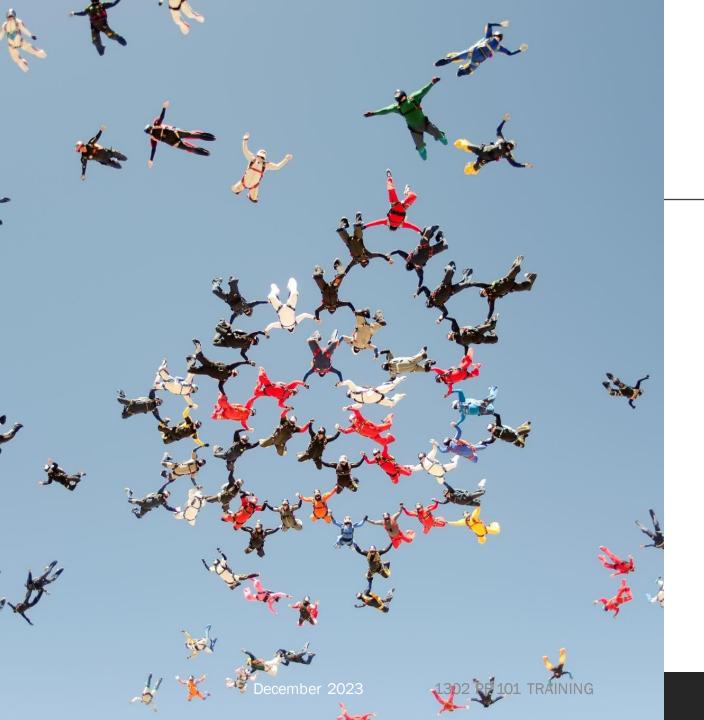
CUT	PATIENT DESCRIPTION	ASSIGNMENT
1	Patients who have seen only one provider	To that sole provider
2	Patients who have seen multiple providers, but one provider the majority of the time	To the majority provider
3	Patients who have seen two or more providers equally (no majority can be determined)	To the provider who performed the last physical
4	Patients without a physical or health check who have seen multiple providers	To provider seen most recently

Source: Murray et .al,. "Panel Size: How Many Patients Can One Doctor Manage?" Family Practice Management, April 2007



# Everything is cool when you're part of a team!





The Institute for Healthcare Improvement defines a care team as, "the right mix of people coming together with the right tools to deliver the right care for a defined population of patients."

#### Team-based Care

## Evidence for TBC



Many care and care-coordination activities are better provided by non-physician members of a care team (<u>Coleman & Reid</u>, <u>2010</u>).

A 2006 evidence review of diabetes interventions found that providing teambased care was the single most effective intervention in improving intermediate diabetes outcomes (Shojania, et al., 2006).

Most physicians only deliver 55 percent of recommended care and 42 percent report not having enough time with their patients (<u>Bodenheimer, 2008</u>).

Providers spend 13 percent of their day on care coordination activities and only half of their time on activities using their medical knowledge (<u>Loudin, et al., 2011</u>).

Team-based care decreases costs and increases revenue (Coleman & Reid, 2010).

# Attributes of Highly Functional Care Teams:

Clear expectations and available tools

Easy to understand and discuss processes of care

Information is available when needed

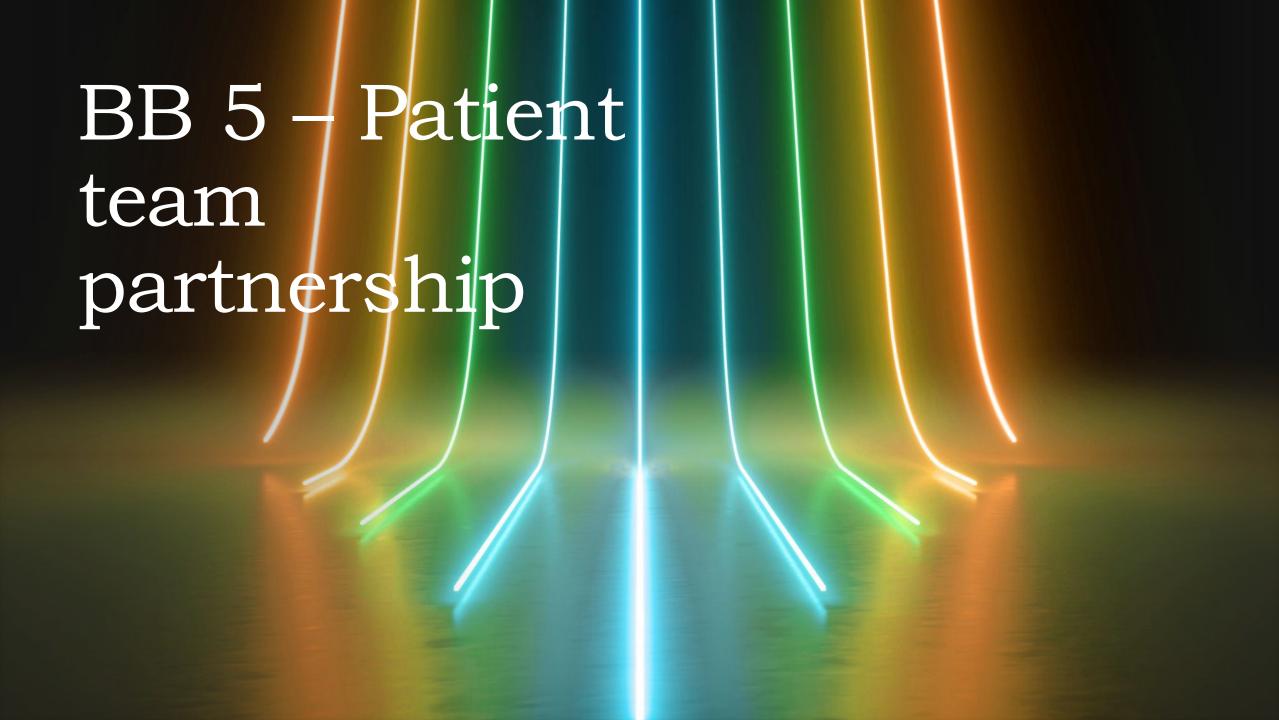
Everyone on the staff is valued; there's a culture of respect and caring

Feedback of performance and opportunities to grow

Positive attitudes of co-workers

Working at the top of your license





# How do you plan to partner with your patients?

Decision Aids/Self-Management Support Patient and Family Advisory Council Patient Surveys

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BB 6 – Population Management

"For a primary care doc it's about improving the big picture while staying focused on the individual."



Example: A patient with elevated cholesterol.



Population Management

Globally: this patient is very much the same as many others that you see



Individually: this patient is unique

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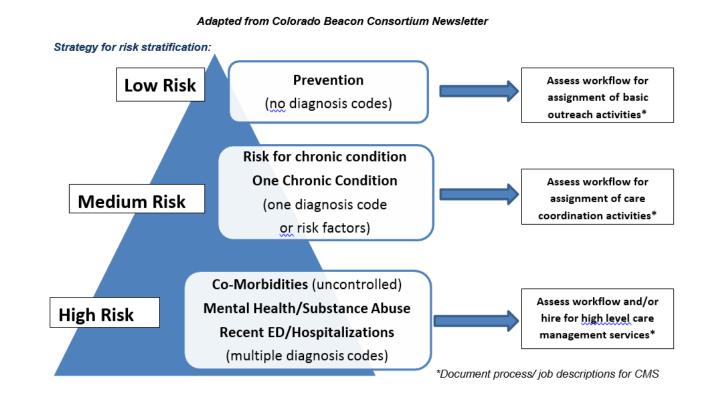
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# Ways to manage patients

## Registries

- Used at point of care to identify what is needed at visit
- ID gaps in care for populations
- Tracking trends over time
- Comparisons between providers, practices, systems
- Outreach and care management

### Risk Stratification



# BB 7 - Continuity of Care

# Continuity of Care – Building Off Empanelment



Once you have your empanelment report, you can start to look at continuity of care between providers or teams of providers.



Continuity is important because patients have higher satisfaction and better outcomes and receive more cost-effective care.



Discuss continuity of care at provider, staff and/or QI meetings so staff are familiar with the process and concept.



# Access Strategies



See your own

patients.





Make it easy to schedule an paappointment.



Offer to see patients the day they call.



Manage patient demand.



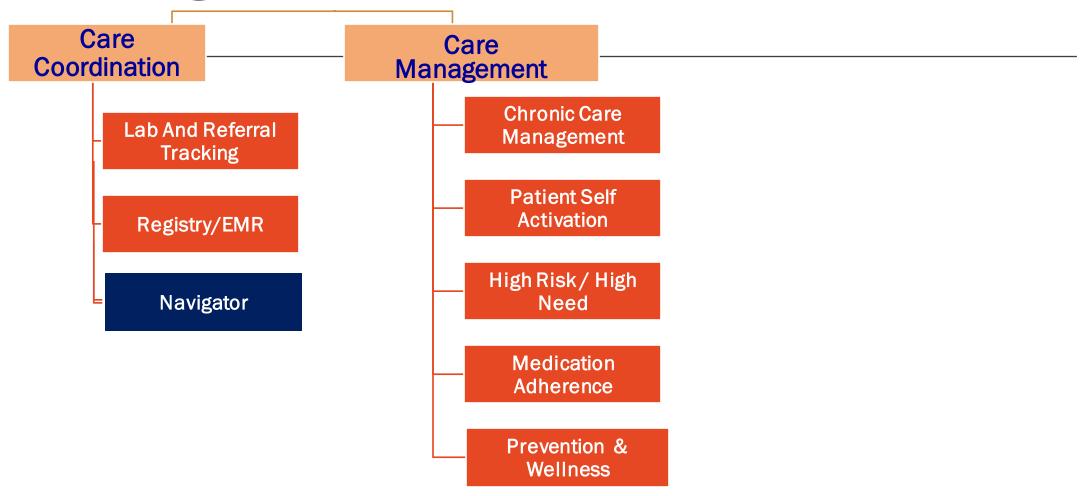
Use e-mail with patients.



Removing barriers

BB 9 – Comprehensive and care coordination

# Internal Coordination and Management



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# **External Coordination**

Medical Neighborhood **Specialists Hospital Systems** Mental/Behavioral **Health Systems Community Resources** 







# PF Backpack

WE WILL CONTINUE TO UPDATE AND ADD RESOURCES

# 1302 E-learning Modules

- Introduction to Behavioral Health Integration
- Integrated Care Workflow
- Substance Use Disorders Part 1: Introduction
- Substance Use Disorders Part 3: SBIRT
- Depression, Distress, and Anxiety
- Behavioral Health Providers and the Care Team
- Behavioral Health in Pediatrics: Adverse Childhood Experiences
- Patient Engagement and Behavioral Health
- Obesity and Depression
- Men and Depression
- Whole-Person Care for the Aging and Senior Patient
- Psychological Trauma & the Integrated Care Team

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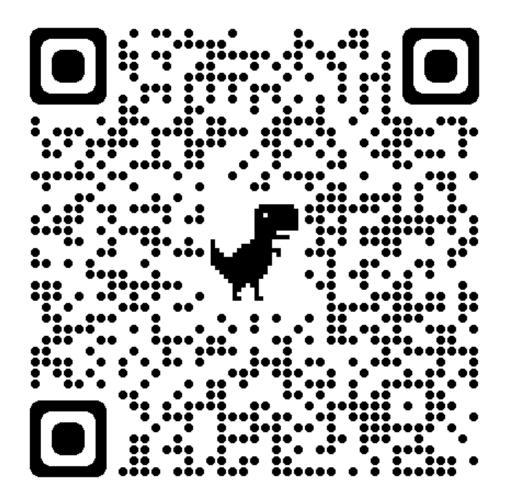
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### To access 1302 E-learning Modules:

Go to CUeLearning.org

Register with the code: 1302

If you already have an account with CUeLearning, please email <a href="Support@CUeLearning.org">Support@CUeLearning.org</a> and they will update your account.



# Evaluation

https://practiceinnovationco.co1.qualtrics.com/j fe/form/SV\_3vDd4sDYzpo0R9Q?Event=12042023 BHITraining