



# Together, our voices elevate<sup>°</sup> all.

# **Elevate** *Learning Forum*

Quality Improvement Strategy

October 11, 2022

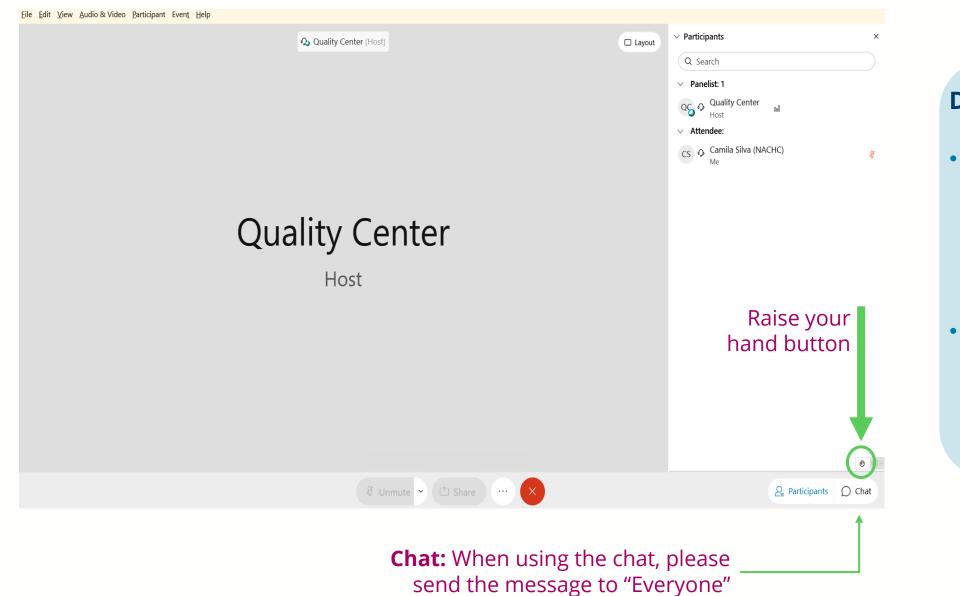
# THE NACHC MISSION

#### **America's Voice for Community Health Care**

The National Association of Community Health Centers (NACHC) was founded in 1971 to promote efficient, high quality, comprehensive health care that is accessible, culturally and linguistically competent, community directed, and patient centered for all.







#### During today's session:

- Questions: Send to the chat as you have them; there will be a Q&A and discussion at the end.
- Resources: If there is a topic where you have a tool/resource to share, let us know in the chat!



### Packaging and implementing evidencebased transformational strategies for safety-net providers

Bringing science, knowledge, and innovation to practice



**Cheryl Modica** 

Director, Quality Center



**Cassie Lindholm** 

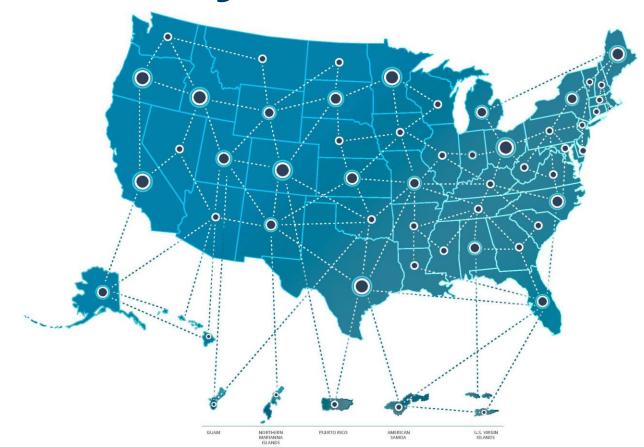
Deputy Director, Quality Center



**Addison Gwinner** 

*Specialist, Quality Center* 

# **Our Community: ELEVATE 2022**





# **2022 Featured Health Centers**

Su Clínica

**EVOLO** HEALTH













CHARLES B. WANG COMMUNITY HEALTH CENTER 王嘉廉社區醫療中心





In the top 20 health centers nationally when looking at composite performance across measures for prevention and/or control of six highcost, high burden conditions (2019 UDS): colorectal cancer, cervical cancer, HTN, diabetes, depression, & obesity

# **Value Transformation Framework**





© NACHC, all rights reserved, 07.17.18

https://www.nachc.org/clinical-matters/value-transformation-framework/



# **ELEVATE 2022** Empanelment Population Health: Risk Stratification

Payment

\$

9

V

6

**I** 

(6)

2

<u></u>

R

Care Teams

Leadership

**Care Management** 

Evidence-Based Care

#### **Improvement Strategy**

Social Drivers of Health (SDOH)

Workforce

Health Information Technology

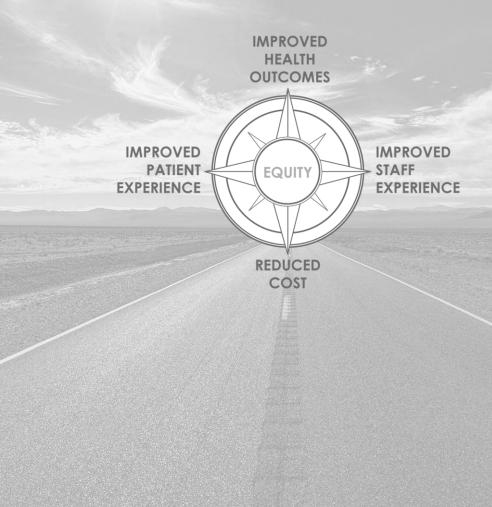
Patients

Partnerships

Policy

Cost

Patient-Centered Medical Home



# Systems Approach to QI/QA

### Kyle Vath

CEO & Co-Founder, RegLantern

kyle@reglantern.com

November 9, 2021

www.reglantern.com





# Systems Approach to QI/QA

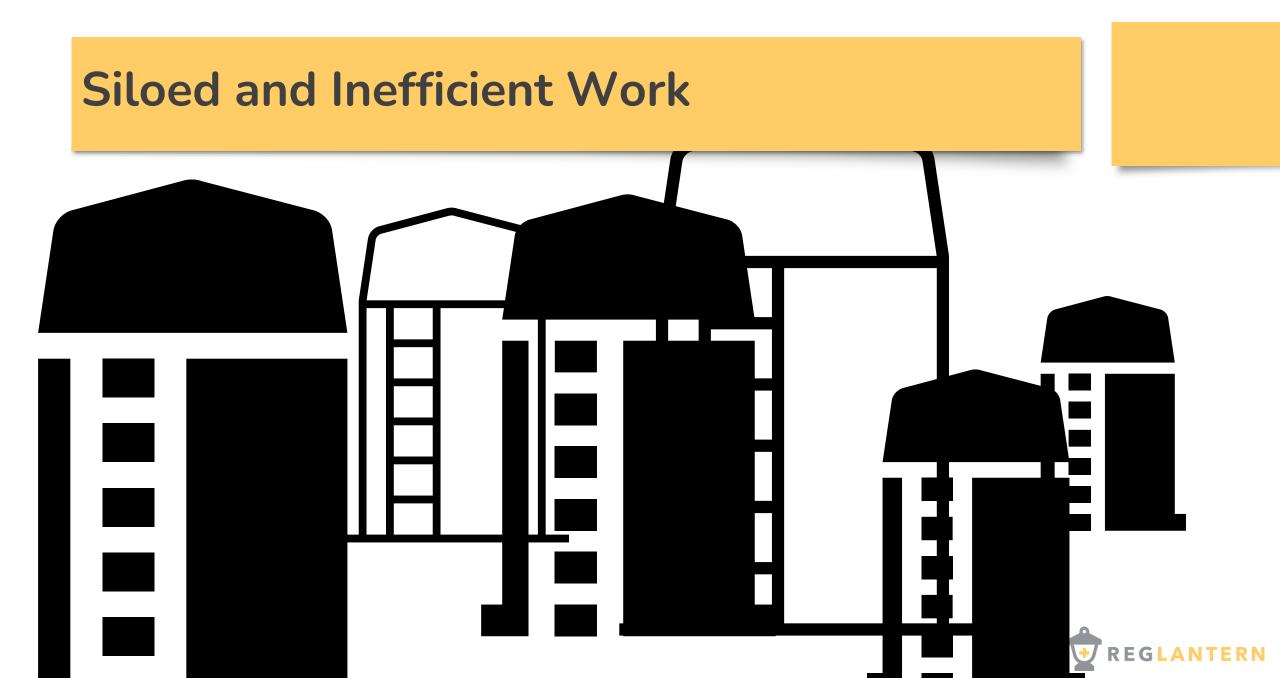
- Time and resources are limited
- There are numerous "silos" and overlapping requirements
- Efficiency and coordination is key!



## **Example: Evaluating Clinical Quality**

- C/P: "Current Clinical Competence"
- QI/QA: Quarterly Assessments (UDS, quality metrics, etc.)
- QI/QA: Quarterly Assessments of Clinician Care ("Peer Review")
- QI/QA: Patient Satisfaction Results
- QI/QA: Patient Safety and Adverse Events ("Incident Reports")

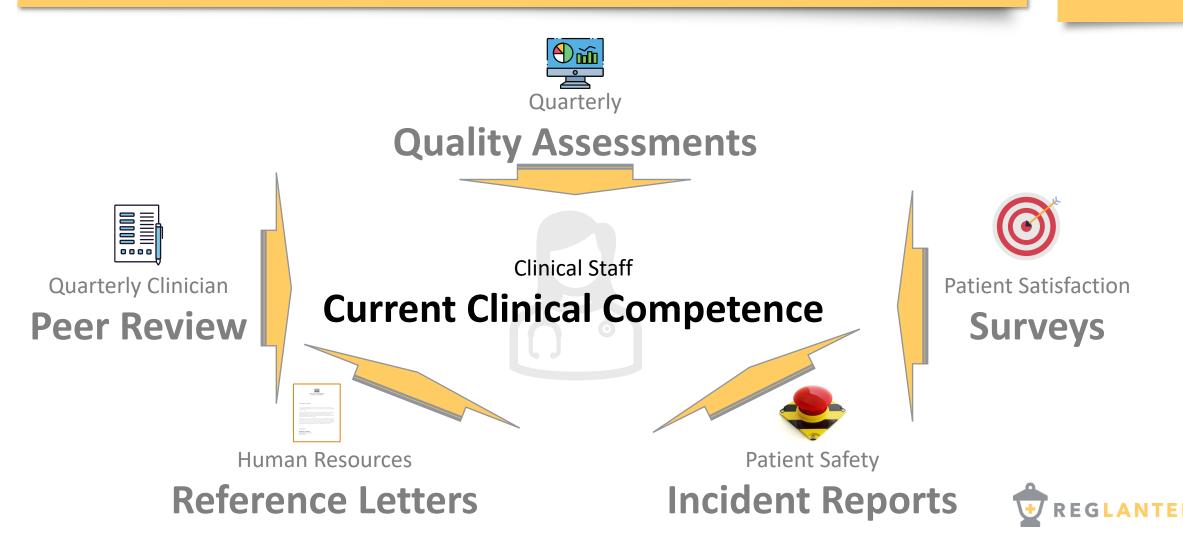




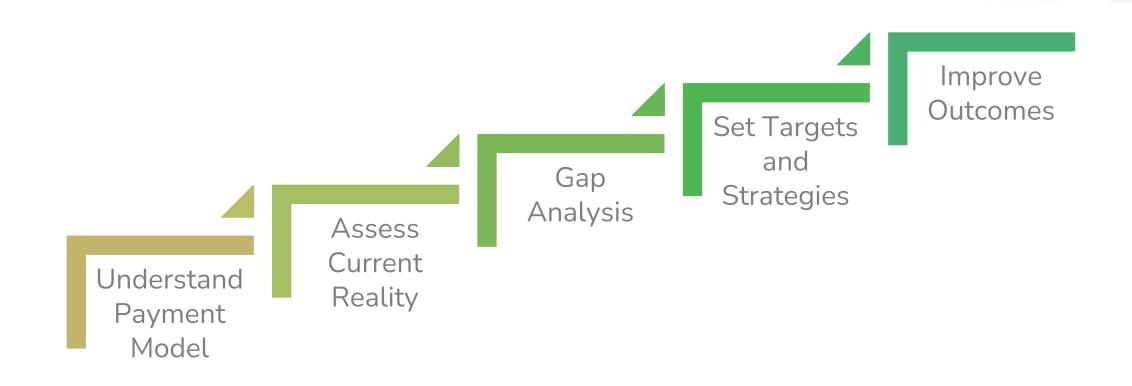
### Siloed and Inefficient Work



### A Systems Approach To QI/QA (which also meets HRSA Compliance Requirements)

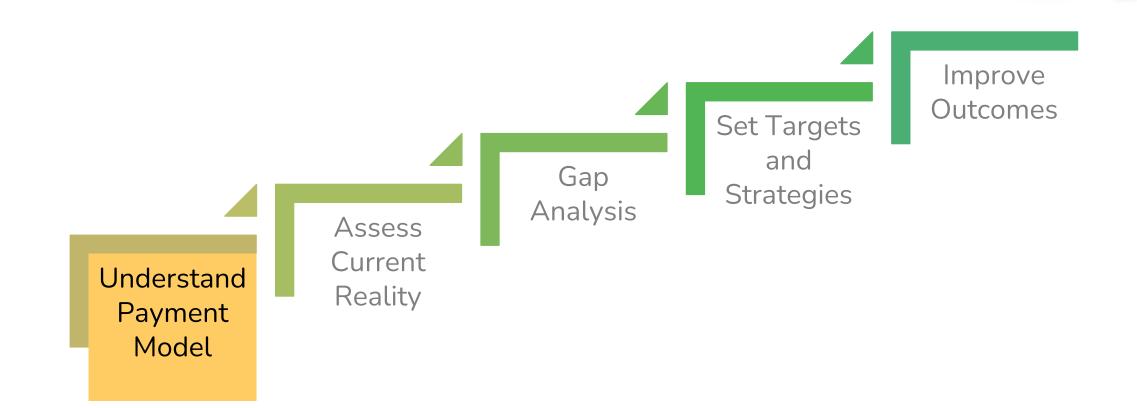


### **Consider Quality/Value-Based Care (VBC) Incentives**



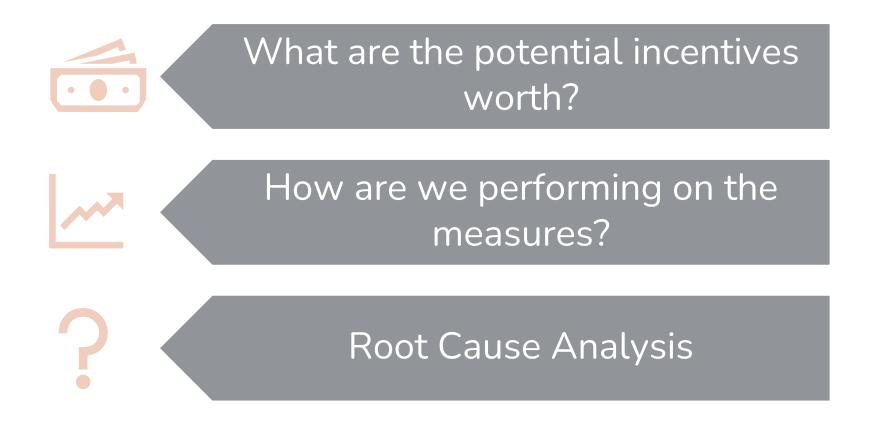


### Analysis Process: Quality/VBC Incentives





### **Assess the Current Reality**





### **Gap Analysis**







Assess strategies that address Infrastructure, Care Delivery, and People

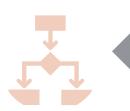
See NACHC – Value Transformation Framework - <u>https://www.nachc.org/wp-content/uploads/2019/08/Value-Framework-Factsheet-</u> <u>Aug-2019.pdf</u>



## **Set Targets and Strategies**



Set goals for each measure selected for intervention



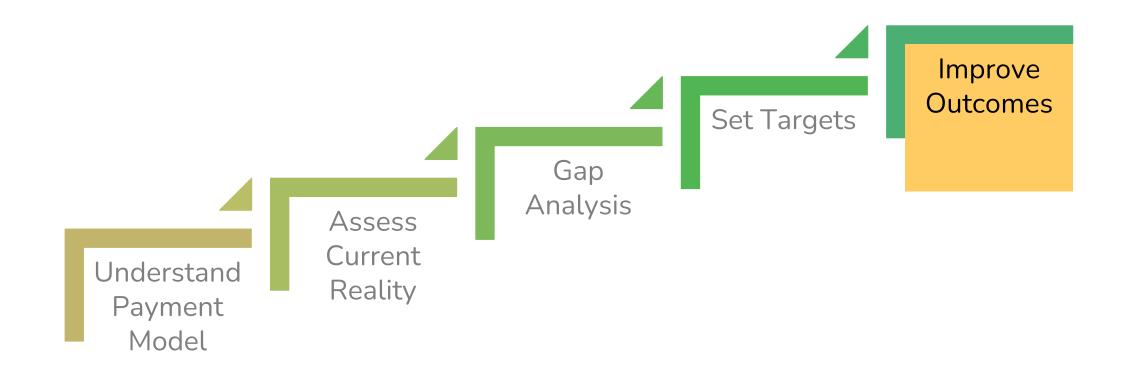
Perform optimization or expert review to select measures



Identify themes and recognize areas of synergy



### Analysis Process: Quality/VBC Incentives





### **Quality/VBC Incentive Analysis Process**



### **Digging Deep on Strategies**





### **Reflection Questions**

- What is your reality?
- Does your health center QI strategy:
  - Support VBC transformation?
  - Leverage data to drive improvement?
  - Connect improvement efforts with outcomes?
- Where is training or technical assistance support needed?



# Improvement Strategy

elevate

 $\boxed{10 \text{ MINUTES}}$  OCTOBER 11TH, 2022



# **Microlearning Modules**



# **Improvement Strategy**





#### WHAT is a health center Improvement Strategy?

A process to effectively and routinely measure and communicate information about the quality, value, and outcomes of the health care experience and use this information to drive improved performance.





# **Improvement Strategy**



# WHAT?

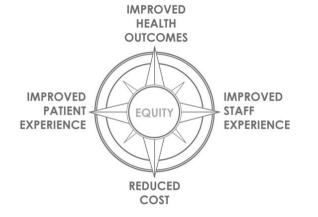
WHY?

HOW?



# WHY is an Improvement Strategy important to value-based care?

- To function as a "learning organization" engaged in continuous quality improvement, with application of evidence-based interventions and promising practices.
- To implement organization-wide, system-level workflow changes that are impactful, measurable, and transformative.
- > To achieve improvements to Quintuple Aim goals









# **Improvement Strategy**





# STEP 1

#### ENSURE POLICIES AND PROCEDURES ARE IN PLACE



#### The health center has operating procedures or processes that address the following:

- ✓ Adhering to current evidence-based clinical guidelines, standards of care, and standards of practice
- ✓ Identifying, analyzing, and addressing patient safety and adverse events
- ✓ Assessing patient satisfaction
- ✓ Hearing and resolving patient grievances;
- Completing periodic QI/QA assessments on at least a quarterly basis to inform modifications in the provision of health center services
- Producing and sharing reports on QI/QA to support decision-making and oversight by key management staff and by the governing board

#### For complete guide to requirements, visit: <u>HRSA Quality Improvement/Assurance</u>



### STEP 2

#### **DETERMINE PRIORITIES**





Align with strategic priorities and use data to inform your QI plan:

- ✓ Health center strategic plan
- ✓ Community needs assessments
- ✓ UDS data
- ✓ Payor data



Helpful Resource: Board Oversight of Quality During COVID-19



### STEP 3

#### **SELECT MEASURES**



QI plans are not JUST for UDS measures! In addition to UDS, consider also including measures for:

#### **Empanelment**

 'Actual' versus 'Right' panel size

#### Access

- Third next available
- Continuity of care
- Appropriate schedule utilization

#### **Care management**

- Number of encounters
- Number of enrollments

#### **Experience**

- Patient experience
- Staff experience

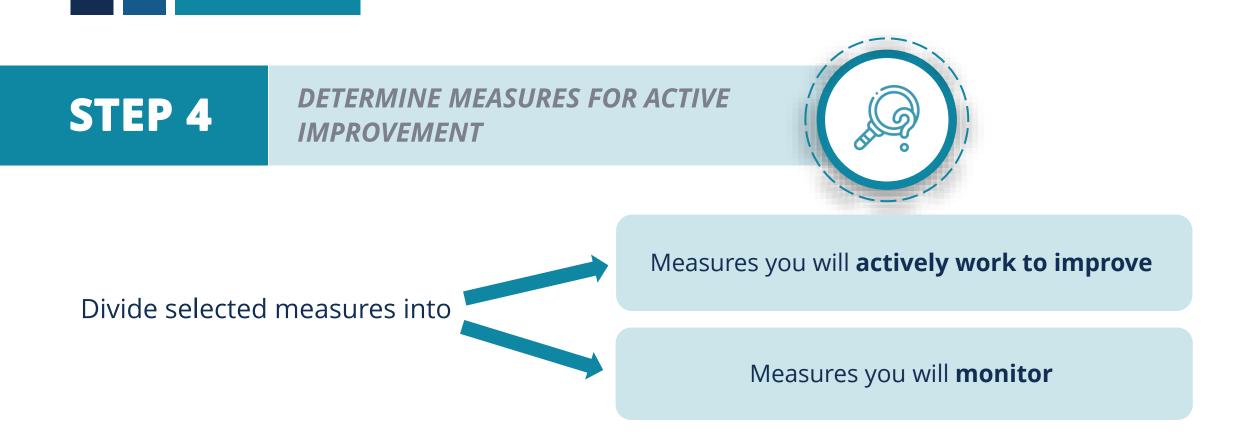
#### Payor CQMs

- May be different than UDS measures
  - Attributed patients may differ from UDS patients
  - Payor may use a different CQM

#### Risk management

- Occurrences
- Open referrals
- Open labs/tests
- IT security risk assessments
- Safety assessments





- Measures selected for active improvement will be the subject of data analysis and workflow development/improvement. Goals will be set, and QI methods will be actively utilized to improve performance.
- Measures selected to be monitored will be included on data dashboards and reports but may not have goals set or be the subject of active improvement.





unity Health Centers



- Set goals for measures selected for active improvement.
- To help you focus your efforts and set effective and achievable goals use the S.M.A.R.T. Goals methodology.

35



UTILIZE DATA DASHBOARDS TO VISUALIZE PERFORMANCE AGAINST GOALS





Optimize your Electonic Health Record or Population Health Management System to create data dashboards.



Data dashboards help to visualize real-time, current measure performance against measure goals.



Increases transparency in data and effectiveness of performance improvement.



# STEP 7

#### **ASSIGN STAFF LEADS**

While quality improvement requires a team approach, assigning staff member leads helps to organize efforts:

- Who will be responsible for reporting/managing data dashboards?
- Who will be responsible for leading process improvement activities?
- Who will be responsible for providing progress updates at huddles/staff meetings?





## STEP 8

**INITIATE IMPROVEMENT ACTIVITIES** 

- 1. Is your data complete and accurate?
- 2. Is there a workflow in place?
- 3. Use QI tools and strategies to improve performance
  - <u>PDSA</u>
  - <u>FMEA</u>
  - <u>RCA</u>



Helpful Resource: IHI Quality Improvement Essentials Toolkit

Document

improvement

activities!



### STEP 8

#### INITIATE IMPROVEMENT ACTIVITIES



#### Leverage NACHC resources available on NACHC's <u>Docebo online learning platform</u>

# **Action Guide**

- Empanelment
- Risk Stratification
- Models of Care
- Cancer Screening
- Diabetes
- Hypertension
- Care Management
- Patients
- Care Teams
- Leadership



- Empanelment
- Risk Stratification
- Models of Care
- Cancer Screening
- Annual Wellness Visits
- Transitional Care Management
- Care Management Billing and Coding
- Care Teams

### **S PAYMENT** Reimbursement Tips

- Behavioral Health Integration
- Chronic Care Management
- Annual Wellness Visits
- Medicare Telehealth Services
- Psychiatric Collaborative Care Model
- RPM & Self-Measured Blood Pressure
- Tobacco Cessation Counseling
- Transitional Care Management
- Virtual Communication Services
- Mental Health Telecommunication Services
- Sliding Coinsurance for Care Management Services





#### **ENSURE TIMELY PROGRESS**



#### Regularly share and discuss progress on measures as a team.

- ✓ Huddles
- ✓ Staff meetings
- ✓ QI meetings

Be sure to seek input from staff members whose workflows directly impact measures.

Ensure progress towards goals is being made within timeframe determined. If progress is not being made, return to QI tools such as Root Cause Analysis to assess feasibility of attaining goal.



Helpful Resource: AMA Team Huddle Checklist







When goal is met... celebrate! Acknowledge staff members and their work contributing to this improvement.

Then, either increase your goal to continue work on improving the same measure



OR

Select a new measure from the 'monitoring' list to actively focus improvement efforts on.



# Health Center Field Example



Perry Pong, MD, Chief Medical Director Sumana Rao, RN, MBA, Clinical Director



CHARLES B. WANG COMMUNITY HEALTH CENTER 王嘉廉社區醫療中心

#### **CHARLES B. WANG COMMUNITY HEALTH CENTER**



CHARLES B. WANG COMMUNITY HEALTH CENTER 王嘉廉社區醫療中心

The Chinatown Health Clinic opened its doors in 1971, run entirely by volunteer doctors, nurses, social workers, community health workers, and students.

The clinic was renamed Charles B. Wang Community Health Center in 1999. It has continuously expanded and grown to provide bilingual and bicultural health care services to underserved communities.

#### Total Patients Served: 55,510

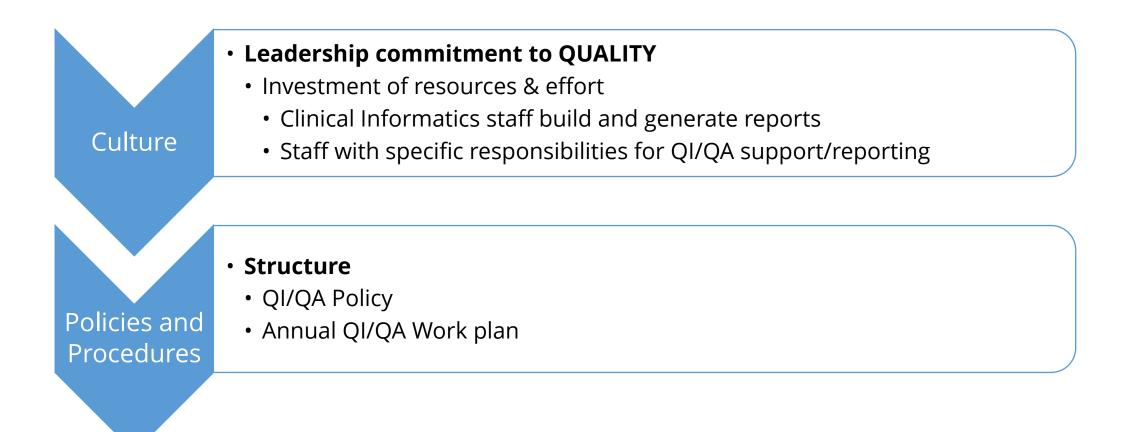
UDS Measure	National	Charles B. Wang
Colorectal	42%	68%
Cervical	53%	81%
HTN	60%	70%
BMI	61%	93%
Depression	67%	85%
Diabetes	32%	11%



### QI/QA Program



Charles B. Wang Community Health Center 王嘉廉社區醫療中心



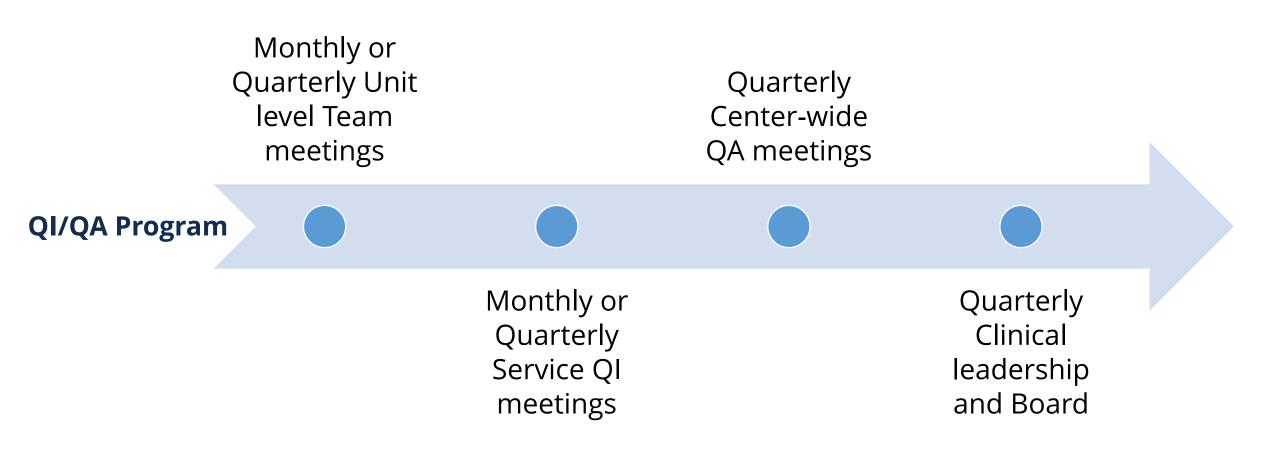




Structured QI Processes: Reporting & Review



Charles B. Wang Community Health Center 王嘉廉社區醫療中心





#### Center-wide QA Committee: Quarterly UDS Data Review



Charles B. Wang Community Health Center 王 嘉 廉 社 區 醫 療 中 心

#### Ideally, all staff know the basic definitions and what the health center is trying to achieve

	2019 UDS Report	2020 UDS Report	2021 Q1-Q4 UDS Report	CBWCHC 2019 Goal & HRSA 2022 (3 Year) Goal	NYS 2020 Health Center Average
Prenatal Care - % receiving prenatal care in the 1st trimester	95.16%	94.45% (1140/1207)	96.9% 864/892	90.00%	79.13%
Low Birth Weight - % of births under 2500g	6.22%	5.70% (38/667)	5.7% 29/512	5.00%	8.46%
Cervical Cancer Screening - % women 21-64 with appropriate screening* 2016 obsolete definition	82.25%	78.78% (14244/18080)	81.2% 15941/19635	82.50%	56.64%
Breast Cancer Screening (new measure, revised 2020)	N/A	67.53% (4462/6607)	67.9% 5015/7386	75.00%	52.22%
Weight Assessment and Counseling for Children and Adolescents 3-17	94.40%	91.24% (11895/13037)	91.4% 12542/13715	95.00%	66.78%
Adult Weight Screening / Follow Up	93.76%	92.80% (27376/29499)	93.5% 31859/34079	88.00%	63.18%
Tobacco Use Assessed and Counseled	96.39%	94.71% (28796/30404)	85.7% 29761/34711	97.50%	84.37%
Colon Cancer Screening	67.35%	67.52% (8078/11963)	68.0% 8930/13126	70.00%	46.40%
Immunizations - % of 2 yo received 25 required immunizations (*revised 2016)	81.44%	84.30% (714/847)	83.3% 660/792	82.00%	43.35%
Statin Therapy (*new measure, revised 2019)	69.12%	71.54% (3366/4705)	84.1% 3375/4012	72.00%	67.30%
Ischemic Vascular Disease – on aspirin or other antithrombotic drug use	89.55%	88.70% (722/814)	87.6% 742/847	95.00%	79.19%
Hypertension Control – % under 140/90	80.72%	66.25% (4338/6548)	70.3% 5297/7540	80.00%	60.46%
Diabetes Control - % poorly controlled (Hba1c missing or >9)	10.31%	13.32% (401/3011)	11.0% 353/3209	8.00%	32.10%
Dental - % of children 6-9 at mod or high risk had sealant on 1st permanent molar during yr (*revised 2016)	84.78%	72.22% (52/72)	64.71% 102/129	80.00%	43.70%
MH – Depression Screening and follow up care	84.77%	72.50% (26401/36413)	85.1% 33633/39524	92.50%	64.81%
HIV - New Dx and Linkage to Care	50.00%	100% (1/1)	100% 1/1	100%	87.74%
HIV Screening (new measure, revised 2020)	N/A	52.81% (17321/32801)	56.4% 20091/35604	60.00%	48.14%
Depression Remission at 12 Months (new measure, revised 2020)	N/A	9.09% (26/286)	10.76% 27/251	15.00%	23.43%



#### Track Performance: QI Example - Diabetes Measure



Charles B. Wang Community Health Center 王嘉廉社區醫療中心

UDS Measure	2017	2018	2019	2020	2021
Diabetes: Hemoglobin A1c Poor Control	9.16 %	11.40 %	10.31 %	13.32 %	11.00 %
					$\wedge$

Diabetes: Hemoglobin A1c Poor Control (source: HRSA/UDS)



Use Data to Drive Improvement



Charles B. Wang Community Health Center 王 嘉 廉 社 區 醫 療 中 心

#### **QI Example – Diabetes Measure**

		2020			2019			<u>GOAL</u>
	Denominator	Numerator	%	Denominator	Numerator	%		8%
	2638	260	9.86%	3132	323	10.3%		
Site - Dept	Denominator	Numerator	%					
Canal - IM	1416	126	8.9%					
Flushing - IM	1003	80	8.0%	Look at t	Look at the data and ask questions:			
F45 - IM	186	28	15.1%					
Canal - WH	18	18	100.0%	1.4				
Flushing - WH	8	4	50.0%	• V	Vhat do we	see?		
Flushing Urology	3	3	100.0%					
CBWCHC	2	1	50.0%	<ul> <li>Why are some patients not meeting</li> </ul>				
Canal - CARDIO	1	0	0.0%					
Flushing - PED	1	0	0.0%	Dether	nalysis and			
-					mailysis and	snara ti		

Do the analysis and share the findings

#### Clinical and IT Collaboration



CHARLES B. WANG COMMUNITY HEALTH CENTER 王嘉廉社區醫療中心



QI Example -	Diabetes	Measure
--------------	----------	---------

Reasons for no A1c: All Sites		
Reason	Number	%
GYN visit(s) only	64	43.2%
Televisit(s) only	51	34.5%
Not ordered	37	25.0%
Ordered, not done	27	18.2%
Switched to outside PCP	17	11.5%
Deceased	5	3.4%
Out of country	4	2.7%
Pulmonology visit(s) only	4	2.7%
Out of state	3	2.0%
Urgent care visit(s) only	3	2.0%
Refused/deferred labs	3	2.0%
F/U with endo	1	0.7%
Outside PCP	1	0.7%
DM diagnosis removed		
(resvolved)	1	0.7%
In Rehab	1	0.7%
APE visit only	1	0.7%
ER F/U only	1	0.7%
IPE late Dec	1	0.7%
# Unique patients	148	

CBW	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21
# Active patients in DM Registry	2943	2947	2962	2997	3010	3065	3111	3122
% 2 A1C tests in past 12 months (>=91 days apart)	66.26%	66.27%	71.40%	77.44%	80.83%	83.23%	83.90%	83.79%
Average A1C	6.86%	6.81%	6.89%	6.97%	7.02%	7.05%	7.05%	7.04%
% A1C < 7.0%	53.89%	52.77%	52.53%	52.99%	53.19%	52.76%	53.81%	54.64%
% A1C >= 7.0 and <= 9.0%	36.73%	37.19%	37.85%	37.94%	38.67%	39.22%	38.51%	38.28%
% A1C > 9.0%	5.84%	5.70%	5.98%	6.37%	6.08%	6.43%	6.24%	5.93%
% A1C < 8.0%	82.09%	81.40%	80.62%	81.41%	81.99%	82.41%	83.16%	83.89%
No A1C in the past 12 months	3.53%	4.34%	3.65%	2.70%	2.06%	1.60%	1.45%	1.15%
Average BP	129/77	129/77	129/77	129/77	129/76	128/76	127/76	127/75
% BP < 130/80	40.98%	40.38%	40.55%	42.21%	43.09%	46.56%	48.54%	49.39%
% BP < 140/90	81.82%	82.15%	81.26%	81.35%	82.62%	83.59%	83.86%	84.24%
Average LDL	84.12	83.71	83.73	84.18	84.56	85	85.82	85.85
% LDL < 100 in past 12 months	64.80%	64.40%	65.80%	67.50%	68.31%	68.32%	67.18%	66.98%
Average BMI	26.8	26.8	26.77	26.76	26.76	26.72	26.64	26.62
% BMI < 23 in the past 12 months	18.42%	18.12%	18.47%	18.15%	17.91%	18.30%	18.90%	19.60%
% Microalbuminuria screening in past 12 months	85.73%	85.41%	87.61%	89.92%	91.03%	91.71%	90.97%	90.29%
% Influenza Vaccination in past 12 months	76.32%	76.42%	76.57%	76.64%	76.45%	76.08%	75.15%	74.50%
% Pneumococcal Vaccination ever	92.12%	92.03%	91.53%	90.86%	90.50%	90.21%	90.00%	90.39%
% Depression screening in past 12 months	73.84%	73.63%	74.41%	80.05%	84.35%	86.59%	88.97%	89.91%
% Dilated eye exam in past 12 months	33.61%	32.34%	33.79%	37.14%	40.03%	41.96%	42.75%	42.99%
% Foot exam in past 12 months	58.48%	58.50%	61.58%	65.50%	69.47%	72.37%	73.83%	73.70%
% Dental exam in past 12 months	1.09%	1.29%	1.89%	2.10%	2.09%	2.25%	2.28%	2.21%
% Smoking Assessment in past 12 months	74.89%	74.75%	75.42%	78.18%	80.47%	81.60%	82.45%	81.71%
% Current smokers	8.77%	8.82%	8.88%	9.04%	8.80%	8.97%	9.23%	9.35%
% Smokers received cessation counseling in past 12	74.42%	73.46%	73.76%	75.65%	78.87%	79.27%	81.53%	80.48%
months								
% CDE referral ever	34.39%	34.24%	33.93%	33.63%	33.39%	32.79%	32.40%	32.64%
% CDE visit ever	25.38%	25.35%	25.22%	24.96%	24.72%	24.31%	24.04%	24.18%
% Nutrition referral ever	51.10%	50.83%	51.05%	50.88%	50.70%	50.38%	50.02%	50.00%
% Nutrition visit ever	21.27%	21.48%	21.64%	21.65%	21.69%	21.27%	21.22%	21.11%



#### 2021 Annual QI Project – Diabetes Measure

#### **Site A Internal Medicine**

Targeted <u>new</u> patients & <u>newly diagnosed</u> patients who have uncontrolled diabetes with HbA1C > 9%, who are most likely to be **amenable to interventions** of treatment and lifestyle modifications.

#### Site B Internal Medicine

Targeted patients with **poor diabetes control** (<9%) who have been poor controlled <u>for 1</u> <u>year or more.</u>

Not everything is a project – sometimes we just try something! We introduced point of care A1c machines – and encouraged teams to use for patients who did not have A1c documented.

#### **QI Tools: Sample QI Project Progress Report Form**



Charles B. Wang Community Health Center 王嘉廉社區醫療中心

	Dishotoo, Homoglohin		$r_{1} = \frac{1}{2} \left( \sum_{i=1}^{n} \frac{1}{2} \right)^{i}$	
	Diabetes: Hemoglobin	ATC (HDATC) POOR CO	nuor (>9%)	
	Q1	Q2	Q3	Project Progress Assess actions and describe improvement or other results
Measure Data	7.19% 80 active patients in target population	41/1018=4.03% 82 active patients in target population	36/1137=3.17% 81 active patients in target population	
Action steps to achieve goals	31 on insulin = 39%	Net increase of patients=	34 /81 on insulin = 42%	
<ol> <li>Use EMR reports to identify patients with uncontrolled diabetes.</li> <li>Analyze if any race/ethnic disparity in targeted uncontrolled patients.</li> </ol>	<ul> <li>14 refused insulin</li> <li>34 with diabetic complication</li> <li>73 non-compliant patients</li> <li>43 patient with obese</li> <li>Breakdown of target</li> </ul>	2 35 /82 on insulin = 43% 18/82 refused insulin – 22% 37/82 with diabetic complications = 43% 78/82 non-compliant	17/81 refused insulin – 21% 37/81 with diabetic complications = 46% 74/81 non-compliant patients = 91% 45/81 = overweight or obese = 56%	
3. Use collaborative care model to identify and case manage patients.	population is above. Rate/number of patients meeting criteria is higher than initial baseline due to more patients returning	patients = 95% 46/82 = overweight or obese = 56% Ovearall improved the number and % of	Continuing Care management strategies employed: Intervention regarding	
4. Recall patients with no scheduled appointments in the next 4-6 weeks to follow up with clinician, and/or care manager/CDE.	for onsite visits. Will use patient centered, Individualized care	patients on insulin, which is a positive outcome. Continuing Care	home/social service needs: Problem solve adherence issues Locating and	
5. Monitor medication compliance closely .	approach: Understanding patient's social behavior changes and	management strategies employed:	referral to community resources	68 🗐

QI Example: Diabetes Measure

#### **Regular Schedule of QI Activities & Expectations**



Charles B. Wang Community Health Center 王嘉廉社區醫療中心

#### Quarterly **progress meetings**

Clinical director may attend to advise or help with documentation Project **progress reports** are due quarterly to QI/QA Clinical director and CMO Results summarized quarterly and provided for review by our Board and MDAC\*

\*MDAC – the Medical and Dental Advisory Committee – a standing subcommittee of the governing board.

#### Key Takeaways

#### Invest in the program:

Communicate the importance of QI/QA, designate resources, ensure participation at all levels.

#### Have a process and follow it:

Establish reporting and set deliverable goals – provide support to get it done!

#### Report to the board and key management:

QI/QA work is reported to the MDAC/Board. This includes UDS Measures, patient experience data, QI/QA project summaries, risk management data, and peer review results. Dashboards are great if you can do them.

#### Make space to share the lessons learned:

Every clinical service presents at the QA Committee at least once a year to share PDSAs, findings, and most importantly– lessons learned!



Charles B. Wang Community Health Center 王 嘉 廉 社 區 醫 療 中 心









# **Elevate 2022 Participants:** QI Professional Development Opportunity

One year of free access to the IHI's full catalog of online

courses including:

- More than 35 continuing education credits for nurses, physicians, and pharmacists
- Basic Certificate in Quality and Safety

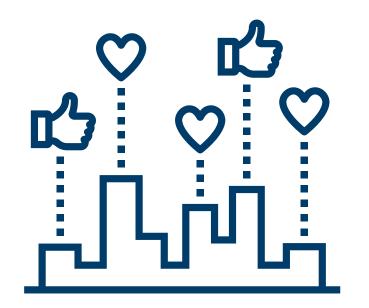
Institute *for* Healthcare Improvement



Open to registered participants who complete the VTF assessment

Submit interest here: <u>https://bit.ly/Elevate\_IHI</u> to be eligible for a scholarship

PCAs and HCCNs: did you know you can gift a scholarship to someone in a member health center? Follow this link for more info: <u>bit.ly/Elevate\_Gift</u>



# **Provide Us Feedback**

#### SHARE YOUR FEEDBACK

Don't forget! Let us know what you thought about today's session.

#### FOR MORE INFORMATION CONTACT:

qualitycenter@nachc.org

#### Cheryl Modica Director, Quality Center

National Association of Community Health Centers <u>cmodica@nachc.org</u> 301.310.2250

# Next Monthly Forum Call: November 8, 2022 1-2 pm ET



