2024 Kentucky Association for Healthcare Quality (KAHQ) Conference:

September 13, 2024

"A Comprehensive Approach to Sustaining Quality Improvements"

CE Provider: Dept. for Behavior Health, Developmental and Intellectual Disabilities

KBN Provider-Training Number: 5-0051-0126-753



A COMPREHENSIVE APPROACH TO SUSTAINING QUALITY IMPROVEMENTS

Bill Harrington, PhD, PE Director of Quality Improvement St. Elizabeth Healthcare

KEY LEARNING OBJECTIVES

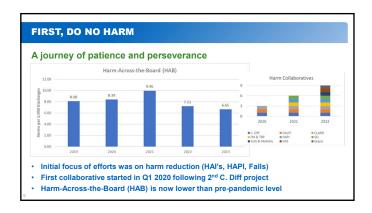
What you should takeaway...

- 1. Prioritization and Initial Commitment
- Kano Model and primary focus on harm reduction
- Project prioritization approaches
- Quality Improvement (QI) Model and problem-solving format options
- Securing leadership commitment at project inception and accountability beyond project handoff
- 2. Project Execution
- Training project teams on Lean during project work to enhance cohesion and problem solving
- Cadence of project meetings and leadership updates to meet project timeline goals
- 3. Post-Project Success
- Sustaining improvement beyond handoff and avoiding repeat projects
- Realizing cumulative gains in quality performance
- 4. Evolving a Quality Improvement Program

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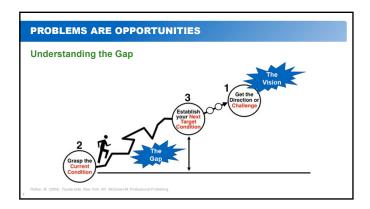
TABLE EXERCISE #1 (10 MINUTES)
Customer focus Make a list of your customers, i.e., who you serve.
What do they value?
What would they consider to be an error?

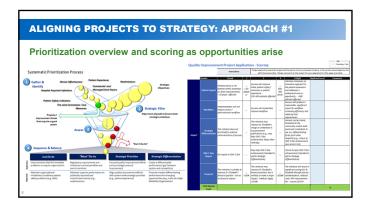
SETTING PRIORITIES	
Don't get the cart in front of the horse	Satisfaction
Recognize that patients value:	very night
Safety- "Don't hurt me"	
Quality- "Help me get well"	A STATE OF THE STA
Service- "Respect me"	Execution
Kano Model serves as a guide	Excellent
 Basic- prevent harms and readmissions 	Execution
 Performance- length of stay, communication with patients, engagement of associates and clinicians 	Poof (or not at al) Basic
Excitement- seamless experience	Satisfaction
Kano, N., Seraku, N., Takashi, F. & Tsuji, S. (1984). Attractive quality and must-be quality. The Journal for Japanese Society for Quality Control, 14, 147–156.	kanomodel.com

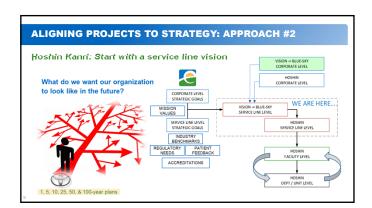


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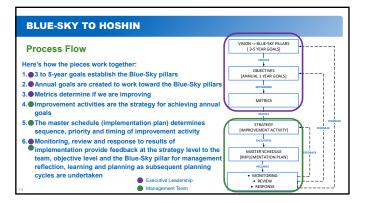


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DEVELOPING THE VISION						
The Purpose of the Process						
The term Hoshin Kanri comes from Japanese. It is written as 方針管理. The first half is the word 方針 (hoshin) for "policy; plan; course; principle; objective; but also as magnetic needle (or compass)." The second half is 管理 (kanri) for "control; management." Hence the translation is policy management, although it is more often translated as policy deployment.	Ho Direction	Shin Needle				
 Hoshin Kanri starts with specific objectives at the top level of the hierarchy, which then are used to develop the objectives for lower levels. 	Kan Control	Ri Reason	Hoshin Kanri Compass Management			
Each level's objectives support the objectives above and give the organization a unified						

TABLE EXERCISE #2 (5 MINUTES)
It <u>is</u> about winning Thinking of what you learned in the first exercise, consider the following:
What is winning in your area / service line?
Do your staff and others share this understanding?

Pillars of focus Review: Current conditions Current metrics Current improvement results What you want to show your executives? Identify 4-6 major categories (pillars) Draw consensus Identify champions Define 1-2 outcome measures for each pillar

MEASUREM	MEASUREMENT							
Determine Ou	Determine Outcome Measures							
	What does your customer need?							
^	What regulatory considerations exist?							
<i>\</i>	What regulatory considerations exist? What accreditation considerations exist?							
-	What industry benchmarks are present?							
Outcome Measu	Category Examples for Healthcare							
1. Access	6. Patient Engagement / Experience	TO THE REAL PROPERTY.						
2. Composite	7. CMS Compliance [Regulatory]	10						
3. Cost / Resource	8. Core Measures Compliance [Regulatory]							
Efficiency	9. Accreditation Compliance							
Clinical Outcomes	\$							
	and the same of th							
14								

UNDERSTANDING WHER	RE WE ARE		
SWOT Analysis As its name states, a SWOT analysis examines four elements: Strengths: Internal attributes and resources that support a successful outcome.	S 4.IST STRENGTHS	-LIST WEAKNESSES	w
Weaknesses: Internal attributes and resources that work against a successful outcome. Opportunities: External factors that the entity can capitalize on or use to its advantage. Threats: External factors that could jeopardize the entity's success.	O AIST OPPORTUNITIES	-LIST THREATS	T

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TABLE EXERCISE #3 (10 MINUTES)
Define winning How do we currently measure winning?
What leading indicators are there?
Do we trust our data?

What do our customers / patients say about us?

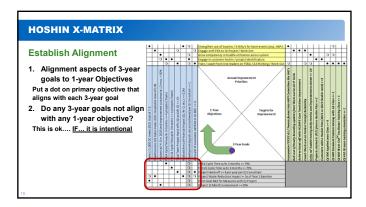
DR	IVING GOALS TO ACTION
Ele	ments of the Hoshin X-Matrix
1)	3-Year Goals
>	Based on what the measurable vision (3-5 years), what can we commit to in 3 years?
2)	1-Year Objectives
>	What will we need to accomplish this year to make progress towards our 3-year goals?
3)	Annual Improvement Priorities (AIPs)
>	What initiatives / projects will we need to undertake this year to achieve our 1-year objectives?
>	Consider SWOT Analysis findings
4)	Targets for Improvement
>	How will we know the AIPs are getting done / done correctly?

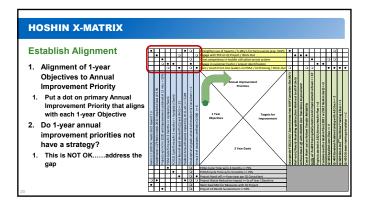
HOSHIN X-MATRIX	
Using the X-Matrix	Activity Lead
3-to-5-year goals 1-year objectives Targets for Improvement Alignment of 3-to-5-year goals to 1-year objectives he management team establishes: Annual Improvement Priorities (strategies) Alignment of 1-year objectives to Annual Priorities Alignment of Annual Priorities to Targets for Improvement	Transport for the control of the con

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HOSHIN X-MATRIX																	
Establish Alignment		П	_	_	_		0	_	Strengthen use of Swarms / 5-Why's for harm events (esp. HAP	۲.	П	Ŧ	П	Ŧ	П	ol.	7
Establish Alighment	Ė	٠		1	0	Ė	Ĩ	0	Engage with PEX on QI Project / Work-Out	Ė	•	٠.			П	#	П
	Н	Н	0	٠.	+	Н	•	Н	Grow competency in huddle utilization across system Engage in customer hoshin / project identification	+	Н	+	انا		9	9	н
1. Alignment of Annual			Ĩ	ò	۰		Ò	٠	Train / coach front-line leaders on PDSA / A3 thinking / Work-O	t O	П	- 0	0		٠	• •	•
Improvement Priorities to Targets for Improvement		96	2 mos. > 50%				1.0		Annual Improvement Priorities	thee like HAL's	SW SWS	vnert	shown >= 10	4×3		T	I
Put a dot on Primary Target for Improvement that aligns with each Annual Improvement Priority	1.Goalof7.3	152021Hospitalist Goal of 0.	improvement sustained at 1.	this >= 4 projects (Team)	s (Cl and W-O) >= 15	ad (Cl. W-O, etc.) >= \$284	actioned per CI Consultant	9 = < 00 9 ID ut pa	3 Year Targets for Ingrovement	amformet into HAPF Conve	updates from Work-autoo	MPS Care Transistions streprove	y media and inprovenent	na Hoshin Plan >= 2 an (202 I or 2022 Hoshin sta		thing with A3 Class >= 2 or Training Class >= 1	abban >= 1
Do any strategies not have a measure? This is NOT OKaddress the	ms / 1,000 DC meets 203	dmissionsO/E Ratio mae	(ects w/H-Oin 2020 and	SA Cyde Time with 3 man TISC syle Time with 3 man	al Team Project Hand off	dized Annual Financial Im	velopmental goals set and	nusi ito fassodabes certifi	3 Year Goals	orporate FOCUS AB / Sun	Vout of Hourly Rounding	ileve Mand-off with MCA.	tz w'haddehavig dai	yects startedin 2021 from It caners with a Hoshin Ph	300 Applied board class>	100 Standard Problem Sc 500 Work-Out ^{**} Radillast	150 Q/ team training sim
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	ь	Н	\exists	١.			0		FOCUS Cycle Time w/in 3 months >= 75%	1							
	Е	П	7	Ŧ	•	П	0	٠	Project Hand-off >= 4 per year per QI Consultant Project Waste Reduction Impact >= 5x of Year 1 Baseline	7							
	H	۲	╛	+	+	۰	0	3	Project Waste Reduction Impact >= 5x of Year 1 Baseline Harm Goal Met for Measures with Oi Project	1							
21	Ė	Ц	٠	1	1	П	0	Ц	Project 12 Month Sustainment >= 50%	1							

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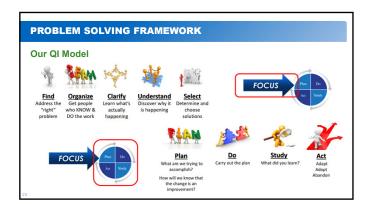
TABLE EXERCISE #4 (5 MINUTES)

Prioritizing by going from could-to-should

What opportunities exist in your area?

What do you believe would be the most important opportunity to address this year as an AIP?

Could it be solved this year, or might it carryover? Is there a second or third AIP that you would also <u>need</u> to be addressed <u>this year</u>?



DETERMINING THE APPR	COACH
Guided by standard work!	Problem Solving Approach Selection Guide
Makes sure we use the right approach based on what we know about the problem and its urgency	To process problem by ### OF The Process problem by ### OF The Process problem by #### OF The Process problem by ##### OF The Process Proc
Urgency was a gap, so created 3Cs process (next slide)	A STATE OF THE STA
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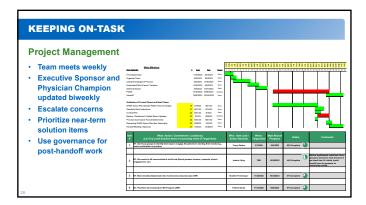
SECURING COMMITMENT								
Project Team Leader Review deliverables Governance is key	mind" of Highly Effective	or ignt account of the control of th						

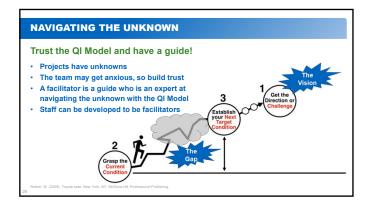
PREPARING THE TEAM TO SOLVE	
QI 450: Process Improvement for Teams Pushed for QI project starting in 2022 Helps participants enhance project solutions Has accelerated projects 5-hour commitment 3 rounds of simulation in an ED Hands-on exposure to lean tools / concepts Debriefs for learning / application to projects It's FUN and the team grows together!	QJ Project Timeliness Goal Compliance 100 100 100 100 100 100 100 100 100 1

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BUILDING TRUST
Voice of Customer and Voice of Business What is important to you when we talk about the project or change? What are you hopeful the future would entail? What are you fearful we could get wrong? These are not solution ideas, rather ways to describe how the future would be. Example: Reducing OR turnaround time Hope: My day will end on time Fear: Cleaning procedures might be rushed and not done correctly The team uses this to develop solution acceptance criteria.
30

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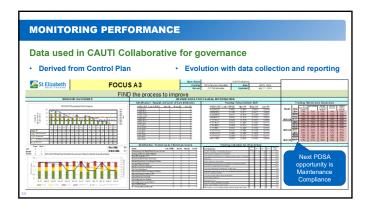
GAINING ACCEPTANCE											
An equation for effective solutions	SOURCE	SOURCES OF INFLUENCE									
$E = Q \times A$		Motivation	Ability								
	Personal	Help them love what they hate	Help them do what they can't								
 Effectiveness = Quality of Solution x Acceptance Quality addresses the <u>root cause(s)</u> 	Social	Encourage them	Assist them								
 Acceptance respects what was captured in voice gathering at the beginning of the project 	Structural	Change their economy	Change their workspace								
Acceptance can be gained through influence		,									
Grenny, J., Patterson, K., Maxfeld, D., McMillar, R., & Switzler, A. I. (2013). Influencer: The new science of leading chance. New York. NY: McGraw HIII Education.											
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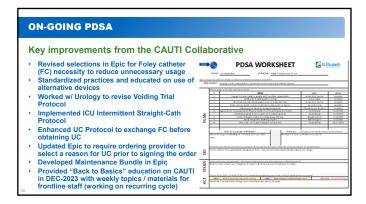
TABLE EXERCISE #5 (5 MINUTES)
Influencing change What hopes or fears would stakeholders have regarding your most important opportunity?
What sources of influence might be necessary once an effective solution is found?

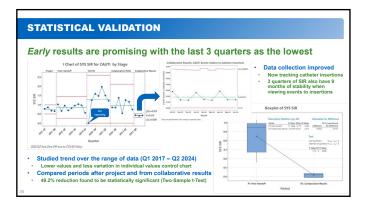
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Infection count	11	11	8 8	13	7	10	8 10																	1	1.	1.0	-	
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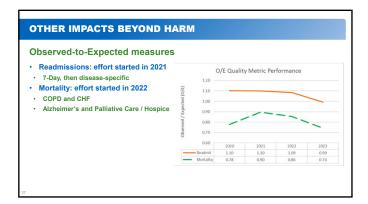
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NEXT STEPS IN PROCESS GOVERNANCE
Enhancing our culture of quality
Expand pilot of Lean Assessment from two MS units to select TCU units Work-Out on Change Control
Current state is an average of one change per day being pushed to units Format for on-going reinforcement of harm prevention (higher reliability)
Skills days for CAUTI, CLABSI, C. Diff prevention measures Strengthen compliance and thoroughness of leader rounding
 Embedding partners for Magnet certification in our collaboratives so Magnet preparation is seamless

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TABLE QUESTION #6 (5 MINUTES)	
Engagement	
What could you do to make the journey fun or exciting?	
exclude:	
What would it be like if your team consistently had	
fun finding ways to win together? What would your associate retention be?	
0	
SUMMARY ON SUSTAINING QI	
Wrapping it up	-
Prioritize opportunities	
Secure commitment for the vital fewChoose an appropriate approach for each project	
Capture and respect acceptance criteria	
Apply structure and cadence in execution	
 Ensure accountability to post-handoff governance Have fun finding better ways to win at all levels 	
1	
Questions?	
Questions	