

Becoming a successful improvement organisation...the 'how to guide'

IHI BMJ International Forum 2024 / Wed 9.30 - 12.30

Presenting Team



Pedro Delgado Vice President Institute for Healthcare Improvement



Susan Hannah Senior Director, Europe Region Institute for Healthcare Improvement



Hugh McCaughey IHI Faculty Interim CEO, Ulster Rugby Former National Director of Improvement, NHSE/I Former CEO SEHSC Trust



This session's presenters are employees and faculty of The Institute for Healthcare Improvement (IHI) and have nothing to disclose.

After this session, participants will be able to:

Embedding improvement is a journey, this session is designed to help those early in their journey, chart their way to:

- Understand how to plot and map your organisation's journey in embedding an improvement approach and culture, with an emphasis on practical steps
- Understand how to keep a focus on short term delivery whilst changing leadership and management systems of the organisation
- Learn from experienced improvers who can guide your journey and help to avoid the pitfalls

Mini self assessment tool to track reflections as we walk through the session (on your table)

Component	Not developed	Developed and progressing	Implemented and Embeded
Leadership Involvement and sponsorship			
Golden thread from floor to board			
Improvement capability and capacity building			
People and Culture			
Learning System in daily work			
Boundarilessness			

Birmingham and Solihull Mental Health NHS Foundation Trust





Central and North West London NHS Foundation Trust





Dartford and Gravesham



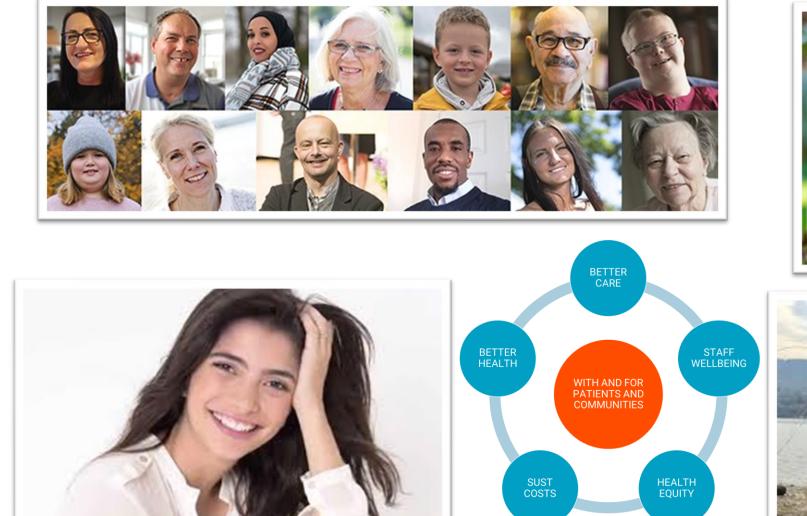






On your tables

- 1. Why does continuous improvement matter to you?
- 2. What are you most proud of in terms of your efforts to continuously improve quality?













Viewpoint January 21, 2022 The Quintuple Aim for Health Care Improvement A New Imperative to Advance Health Equity









Sharitanu Nundy, MD, MBA^{1,2}; Lisa A. Cooper, MD, MPH^{3,4}; Kedar S. Mate, MD^{5,6}

Context matters















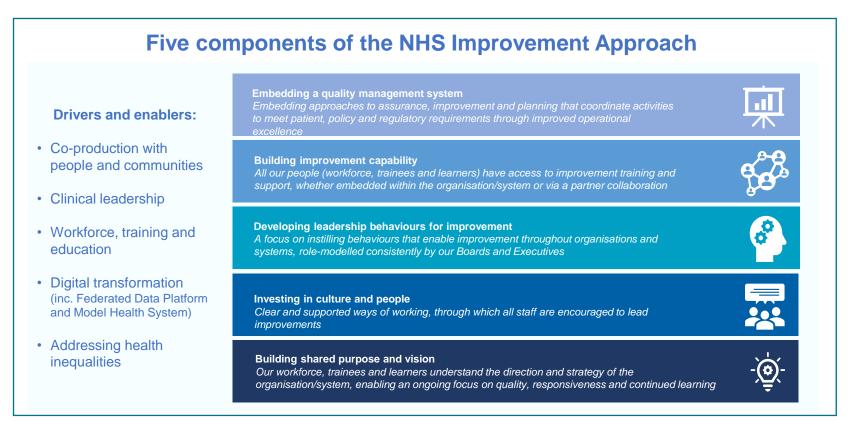
The NHS Patient Safety Strategy

Safer culture, safer systems, safer patients

NHS Improvement Approach

The NHS Improvement Approach: at-a-glance

Incentivise and support the universal application of a high-level 'NHS Improvement Approach' with five components, to be quality-assured through a maturity matrix co-designed with provider, system and patient experts.





Before we start...

- 1. There's always going to be system pressures
- 2. 'Start before you're ready'...
- 3. There will always be stuff to improve
- 4. Improvement moves at the speed of trust
- 5. People, people, people
- 6. Every system is perfectly designed...
- 7. You'll never be done (put learning on steroids, forever)

What is whole system quality?

Many tools exist to describe whole system quality or quality management systems

but....

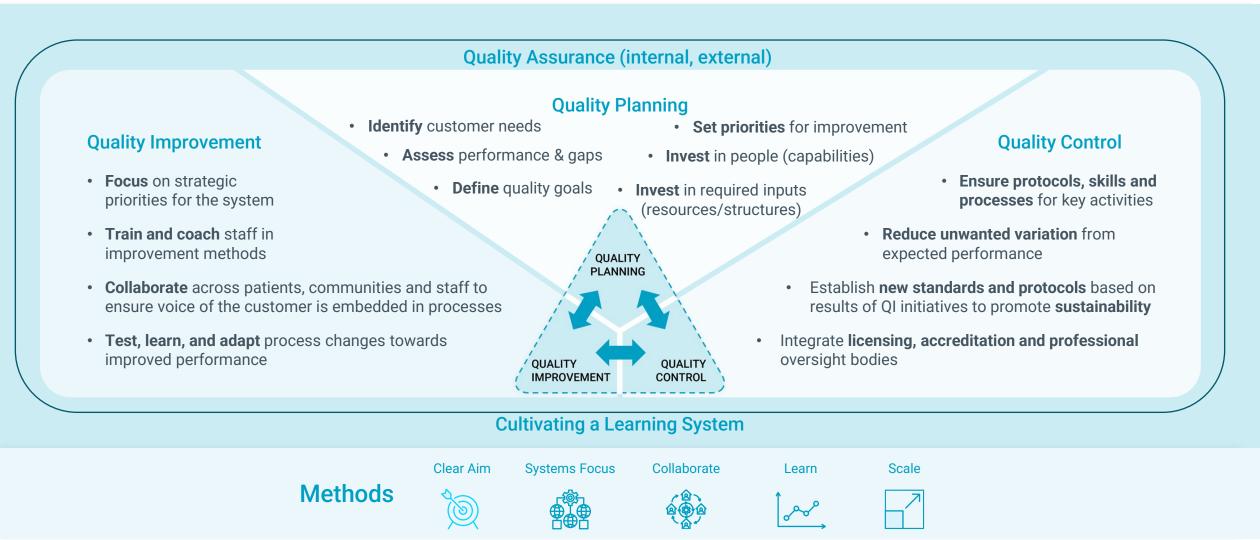
How do you build the practical structures and processes to support the improvement organisation from floor to board?

consider....

A few key components to guide your approach

Whole System Quality





Whole System Quality: A Unified Approach to Building Responsive, Resilient Health Care Systems. IHI White Paper. 2020. www.ihi.org

Using Improvement Science to Improve and Strengthen Systems



Appreciation for a System

In relation to the issue you have chosen to work on...

- Who are the **people** in your system?
- What is the **culture** like?
- What are the **structures**? How do you **organize** things?
- What are the **key processes**?

Theory of Knowledge

- What is the issue you have chosen to work on?
- Why do you think this is an issue?
- What **theories do you have** about what will work/help you overcome this problem?
- What predictions do you make about new ideas being accepted?

Psychology of Change

- How do people respond to change? How can we encourage constructive change and commitment to excellence?
- How ready do you think people in your system are for
- **change**? Are some people more ready for change than others?
- How do you think people feel about the issue you are going to work on?

Understanding Variation

- What **data** do you have already?
- What is it telling you about the issue you have chosen to work on?
- How much **statistical variation** is there in the process?
- How much variation exists in attitudes and behaviors?

What does it take to create an ever improving organisation?

- Shared vision and sense of purpose that connects the layers of the organisation
- People who are valued and invested in with the right skills and behaviours
- Leaders who understand how they model the organisation they want to see
- Establishing a common improvement approach and language and building the capacity and capability to deliver
- Integrating improvement into planning and operating structures with an infrastructure to support learning

....or simply

- Vision + Purpose
- Culture
- Leadership Behaviours
- QI Capability
- Whole System Quality

Creating the Conditions

Leadership Involvement and sponsorship

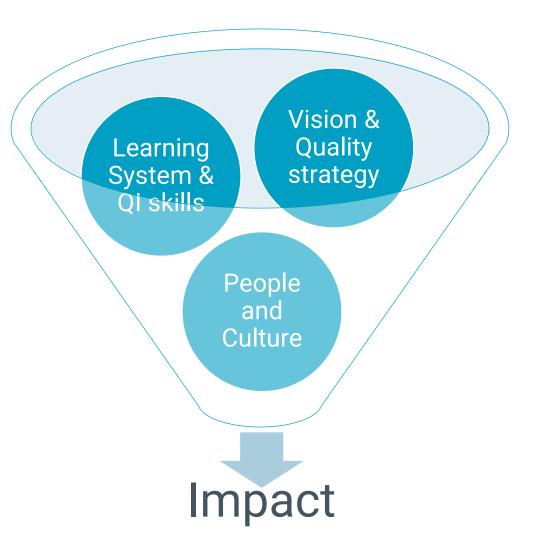
Golden thread from floor to board

Improvement capability and capacity building

People and Culture

Learning System in daily work

Boundarilessness



What's the best you've seen?



1. Creating the Golden Thread

Vision; Objectives.....and a Brand eg SQE; We Improve; ELFT; Leeds Way

Planning, managing and governing quality.....it is integrated

Floor to Board learning.....owned locally (culturally different)

Data dashboard (high level) and local VMB (unit level learning)

Aims, ideas and testing to establish better processes and ways of working

Story telling and translating learning for quality board meetings

Can everyone see how they contribute and how their team adds quality value

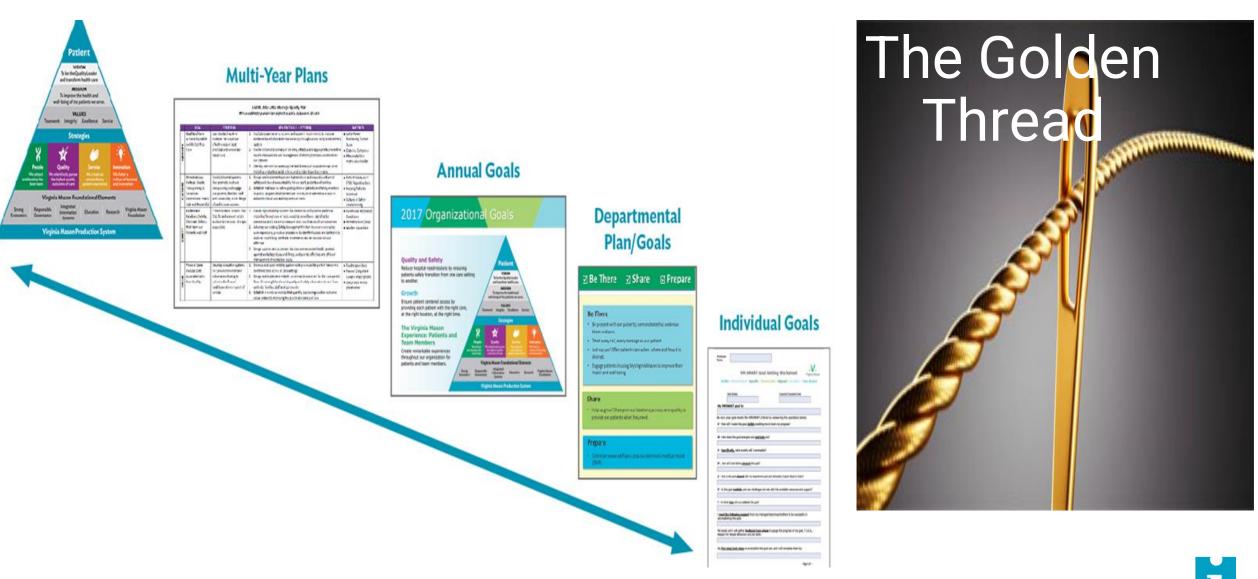
Leadership Involvement and Sponsorship

- 1. Rituals and symbols everywhere for learning
- 2. Senior leaders **actively participating**, not just passively supporting
- 3. An **appreciative inquiry** approach to managing
- 4. A definitive move to SPC for data visualisation
- 5. **A WSQ approach** to continously learning and improving (**not just QI**)
- 6. A central team with an active distributed infrastructure
- 7. A dosing approach to building skills experientially

Have a Vision, not a Map. A Vision for a better place.



Strategic Alignment



QMS at Barts Health

Planning

People Patients Partnerships

Setting improvement goals based on local data and interpretation of Hospital objectives. Determine needs/changes req to make progress

Supporting Ward planning. Developing divisional outcome goals, prioritising against group/hospital goals. Ensure refined focus and capability to deliver

Setting Hospital objectives. Connecting Div needs with Hospital and Group Objectives. Embedding values into planning and engagement. Supporting Div. and ward planning.

Identify enabling priorities Setting Trust Objectives in context of APC and Hospital delivery plans. Find and focus on Golden thread. Support Collaborative planning across Group.

Infrastructure

WeInform

Data dashboard, displaying ward level data for Improvement. Regular Quality Huddles to discuss and plan phases. Inclusive membership

Divisional dashboard. Stand-up meeting cycle. Longitudinal programmes to enable inclusion of rotating staff. Reporting via QI platform connected to Priorities

Reporting through data for Improvement. SPC/data over time in PR / QDD. Visible presence of senior team in workplace to support culture of Improvement 'How can I help?". Use of Welmprove participation as governance metric

Set Information strategy to support Welmprove metrics for PR/QDD. Sponsor leadership programme. Demonstrate values and behaviours. Be Curious

Leadership Behaviours

WeLead

Develop Welmprove plans for priorities Embed into regular activities. Build improvement discussions into daily work. Support staff to make time.

Support units in daily Welmprove work. Encourage focus on priorities, help find and resolve barriers. Create supportive culture. Share and celebrate success. Weekly stand up huddle to review data.

Demonstrate a culture of support for Welmprove activity. Reinforce focus on local priorities and data for Improvement. Regular ward visits to hear progress and issues. Offer help to Divisions delivering progress. Share and spread practice. Horizontal collaboration

Championing Trust strategic priorities. Living and supporting the values and behaviours of Improvement, inclusion and . Encouraging excellence, experimentation co-design, systems thinking.

Wards/Depts

Divisions

Hospitals

Group

2. Boundarilessness and Systems Working

Open to learning from others in the field – internal and external

Connectivity beyond personal spere of influence and control

Partnership approach to working across wider health and social care forums and services

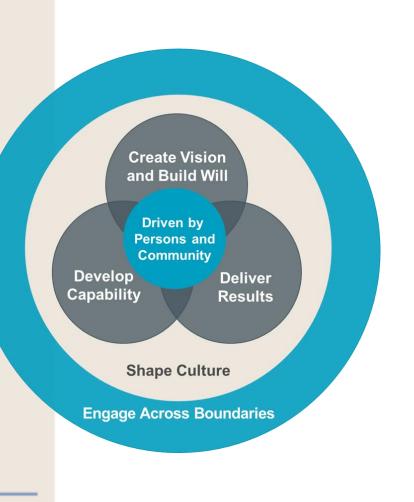
Role modelling mental boundarilessness as a leader to create collaboration across the system functions



High-Impact Leadership:

Improve Care, Improve the Health of Populations, and Reduce Costs





AN IHI RESOURCE

20 University Road, Cambridge, MA 02138 · ihi.org

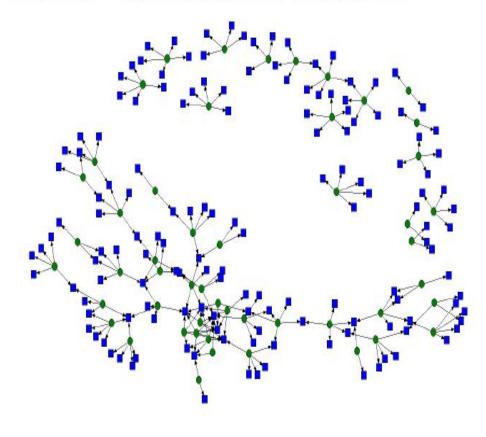
How to Cite This Paper: Swensen S, Pugh M, McMullan C, Kabcenell A. *High-Impact Leadership: Improve Care, Improve the Health of Populations, and Reduce Costs.* IHI White Paper. Cambridge, Massachusetts: Institute for Healthcare Improvement; 2013. (Available at ihi.org)

How can High Impact Leadership help us

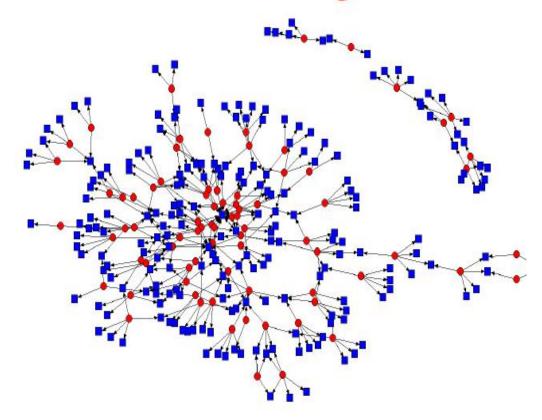
- 3 Interdependent Dimensions that can shape our Leadership
- 1. New Mental Models... **how we as leaders think** about challenges and solutions
- 2. High Impact Leadership Behaviours... what leaders do to make the difference
- 3. IHI Framework; where leaders focus their efforts

The Power of Connectivity

Trust D – special measures trust



Trust A – an 'outstanding' trust



Circle Nodes denote L4Ls, Square Nodes denote collaborators

Boundarilessness: Encourage and practice systems thinking and

collaboration across boundaries

- Ask open questions and listen to teams
- Harvest ideas...Celebrate harvesters
- Create win/win
- Visit teams delivering projects
- Help build connections and create shared learning...All Share, All Learn.
- Utilising systems thinking to frame priorities...work across boundaries

Paradigm Shifts...both Within and External

In South Eastern Trust we had 3 DGH/Acute hospitals and 1 Psychiatric hospital...building

We were one of 6 delivery HSC Trusts

"Do we want to be the best in SET or make SET the best"

"Do we want to be the best in N.Ireland or do we want to make N.Ireland the best"

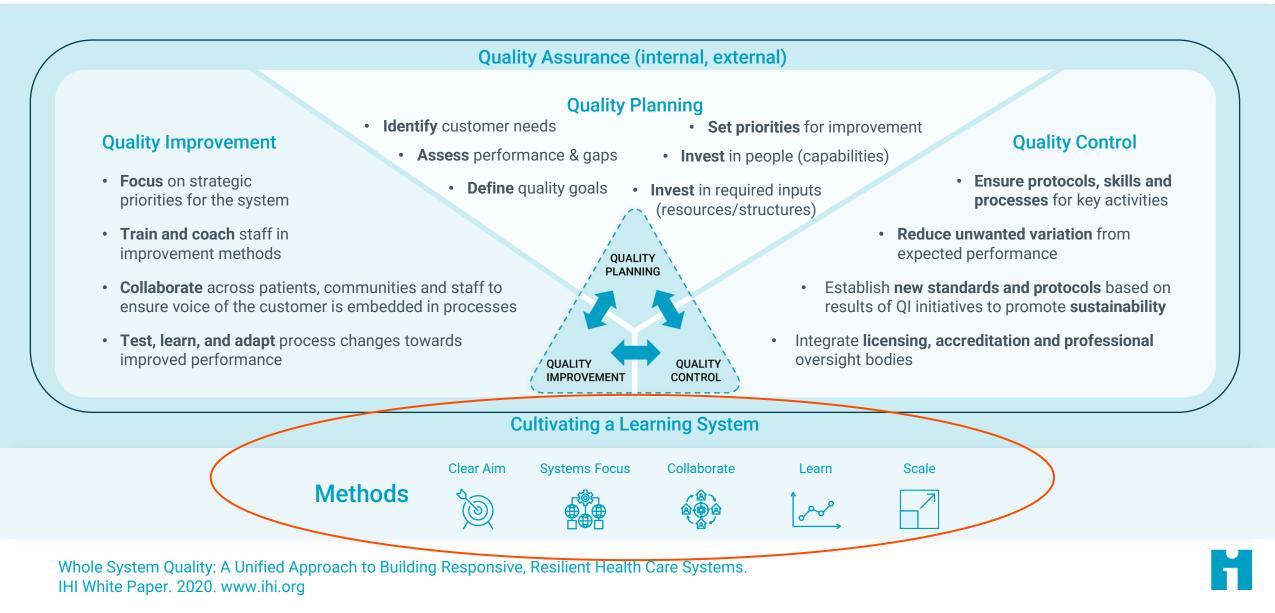
How do you want to frame your ambition? Best in your locality or make your patch the best?

10.45 – 11.15 Refreshment break



3. Learning System and Strategic Alignment





Create a rhythm for improvement activity

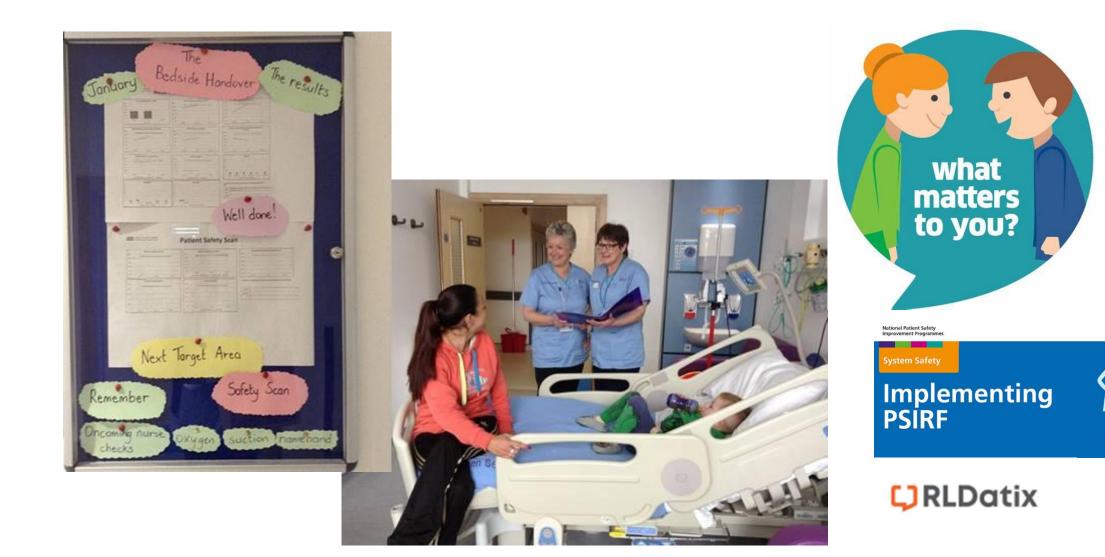


Improvement as part of daily work

Huddles to share learning, explore data, hear new ideas, set plans for next steps

Engage all team members in the unit – all voices matter

Transparently sharing data and information for learning



NHS

Implementing best practice to reduce variation and deliver results

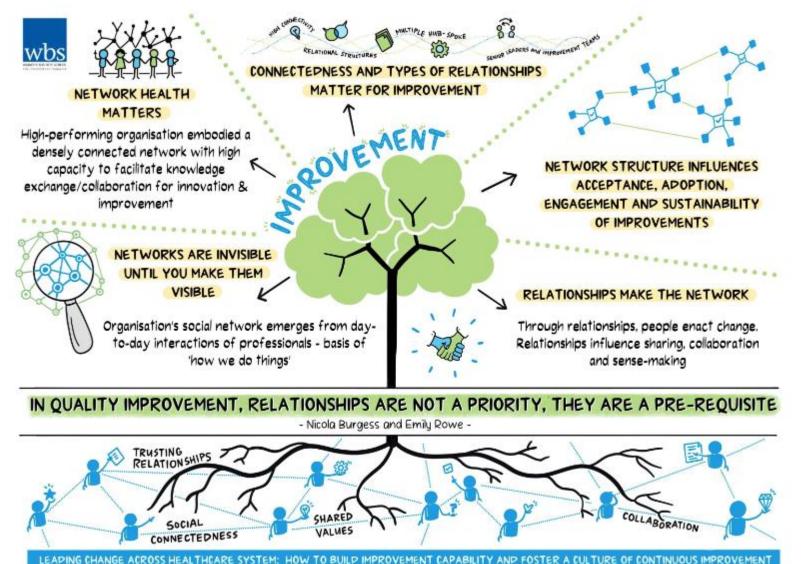


Unit learning



System learning

Continuous learning from local work and outside



Н

SKETCHNOTE BY: TANMAY VORA

#leadingQI

Harvesting and spreading what works

Degree of belief in the change as ready for spread

Measurement, data and experience stories to back up results

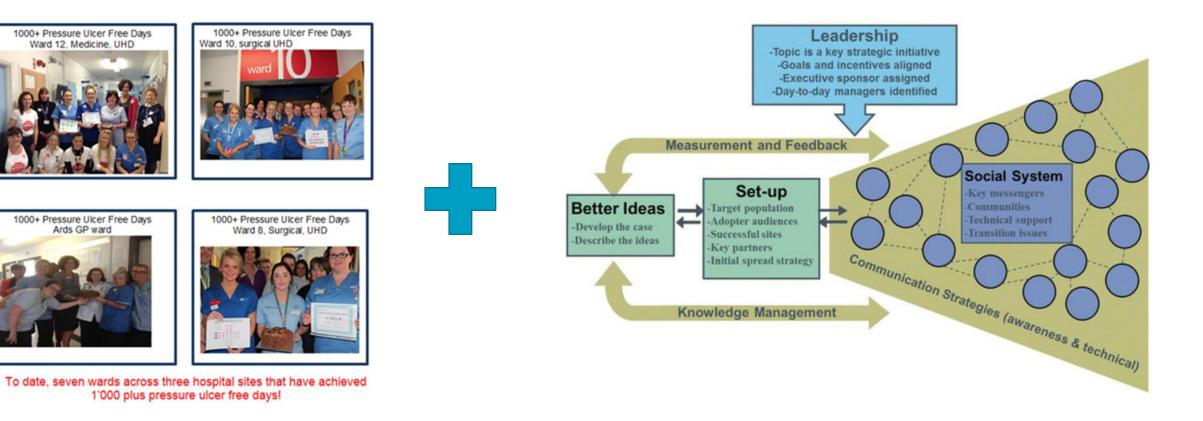
Packaging the ingredients of the improvement

Communicating learning



Brandon Bennett, Qualityprogress.com (Jan,2020)

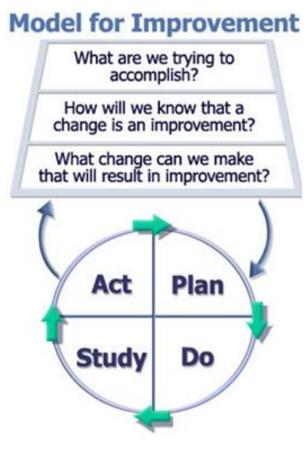
Harvesting and spreading what works



https://www.ihi.org/resources/white-papers/framework-spreadlocal-improvements-system-wide-change

4. Improvement Capacity and Capability Building

By What Method?



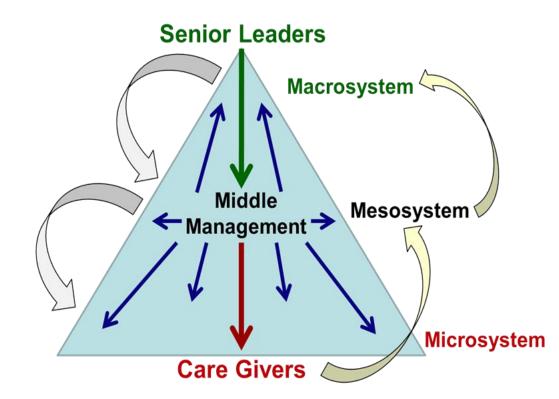
Clarity on the Aim of the work

A way to track progress and observe impact

Iterative learning that develops improvement for implementation

Questions for building Improvement capacity and capability

- 1. Will you involve everyone or just a few targeted groups?
- 2. Who needs to know what? (the dosing approach)
- 3. What methods do you plan to use to build capacity and capability?
- 4. How will you make sure your journey to Excellence can be sustained?



Adapted and expanded from a conversation with Dr Tom Nolan, Associates in Process Improvement on material he presented at the IHI Strategic Partners Roundtable, April 17-18, 2006.

Capacity & Capability – what's the difference?

Capacity

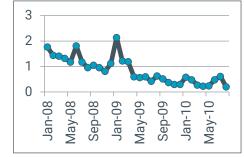
- The ability to receive, hold or absorb
- The ability to learn or retain information
- The power, ability, or possibility of doing something or performing
- A measure of volume; the maximum amount that can be held

Capability

- The ability to execute a specified course of action
- The power or ability to generate results
- Knowledge, skill, ability, or characteristic associated with desirable performance on a job
- Capability frequently includes values, motivation and beliefs
- The sum of experience and capacity



c. Diff Rate (c. Diff s per 1000 patient days)



The Journey To Organisational Excellence **Excellence** Sustainability Capability Capacity

"We are what we repeatedly do. Excellence then, is not an act but a habit! Aristotle (384 – 322 BC)

Applying the Dosing Approach

Science of Improvement Topic	Board	Sr. Mgmt.	Sr. Clinicians	Nurse Mgrs.	Admin Mgrs.	QI Team Ldrs.	QI Experts	Com Ldrs.
History of QI								
Profound Knowledge								
Quality as a Business Strategy								
Model for Improvement								
PDSA Testing								
Understanding variation								
Scale-up and Spread								
Construction of control charts								



Note that the intensity of the color reflects the "dose" of the science of improvement knowledge and skills that would be administered to each respective group. The row and column headings will change for each organization

Source: Lloyd, R. Quality Health Care: A Guide to Developing and Using Indicators. 2nd Edition, Jones & Bartlett Learning, 2019, page 350.

Dosing the Science of Improvement (Using the 1 - 4 numerical response options)

Science of Improvement Skills & Knowledge*	Hospital Governance, Non-Execs, Board of Directors*	Senior Management (corporate)	Clinical Leadership (physicians and nursing)	Middle Management Directors & Supervisors	Frontline Staff	QI Expert (IAs)
Models for QI (theory & concepts)						
Leadership for improvement & cultural transformation						
Teamwork and Facilitation						
Gathering information						
Analyzing and interpreting data						
Presentation skills						
Understanding variation						
SPC charts						
Change management						
QI tools and methods						

Who needs what dose?

Skills & Knowledge scale

1 = They need to know the basic terms, concepts and methods when they hear them

2 = They need to be able to explain the terms, concepts and methods to others

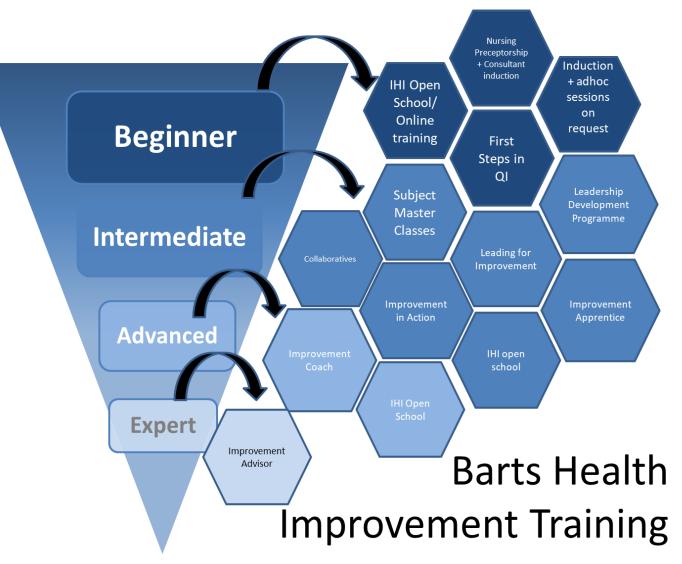
3 = They need to be able to teach the terms, concepts and methods to others

4 = They need to be seen as an organisational lead and champion for the terms, concepts and methods.

***NOTE:** The row and column headings will change for each organisation.

Planning improvement capacity & capability building at Barts Health – what's on offer?







Planning improvement capacity & capability building at Barts Health – what level of skill?

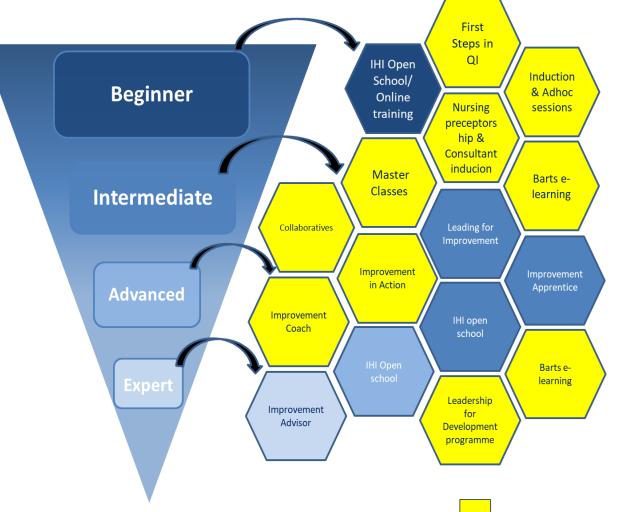


	Training		Level of knowledge			
•	Introductory Training – Staff and Service users		Understanding of the concept of QI and how to get involved at Barts Health	Beginner		
•	First steps in QI		Intro to improvement methodology, identifying opportunities, understanding the problem, developing and testing change ideas Ability to use software that will support use of QI tools	Beginner		
	QI Practicum	QI Collaborative Subject Master Classes Improvement in Action	Deeper understanding of improvement methodology, measurement and using data by supporting teams to apply the theoretical knowledge into practice	Beginner- Intermediate		
•	Senior leadership programme		Setting direction and goals, exec leadership, oversight of improvement, champions, understanding variation leads	Intermediate		
	Leading for improvement Leadership development programme		Build leadership for improvement capability to support delivery of strategic ambitions. Building knowledge over time from introduction to improvement methodology through to setting direction and supporting teams	Intermediate		
•	Improvement Apprenticeship		Deeper understanding of improvement methodology, understanding variation, coaching teams and individuals	Intermediate		
•	Impro	ovement Coach	Deeper understanding of improvement methodology, understanding variation, coaching teams and individuals	Advanced		
	Impro	vement Advisor	Deep statistical process control, improvement methods, effective plans for implementation and spread	Expert		

Η

Planning the long term approach for C&C to achieve Sustainability





Dosing Model 23/24 and beyond (10-year plan)

A 10-year dosing model has been agreed

Systematically deliver a growth in QI capacity and capability at a sustainable rate.

Calculations for the dosing model informed by IHI's work and the NHS Improvement publication on "Building capacity and capability for improvement

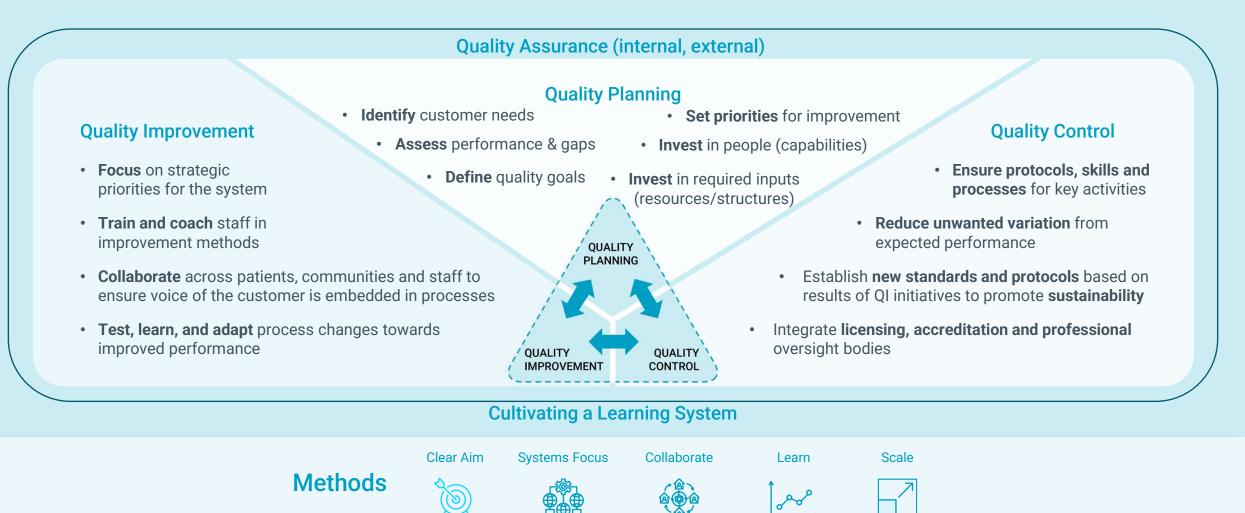
Aim: To reach a tipping point (an improvement culture), 50% of Barts Health staff will be trained (as a minimum).

10-year model is being re calculated to ensure a deliverable plan for sustainability.



Improvement Capacity and Capability to achieve Whole System Quality





Whole System Quality: A Unified Approach to Building Responsive, Resilient Health Care Systems. IHI White Paper. 2020. www.ihi.org

Ultimately, it's all about partnering with people

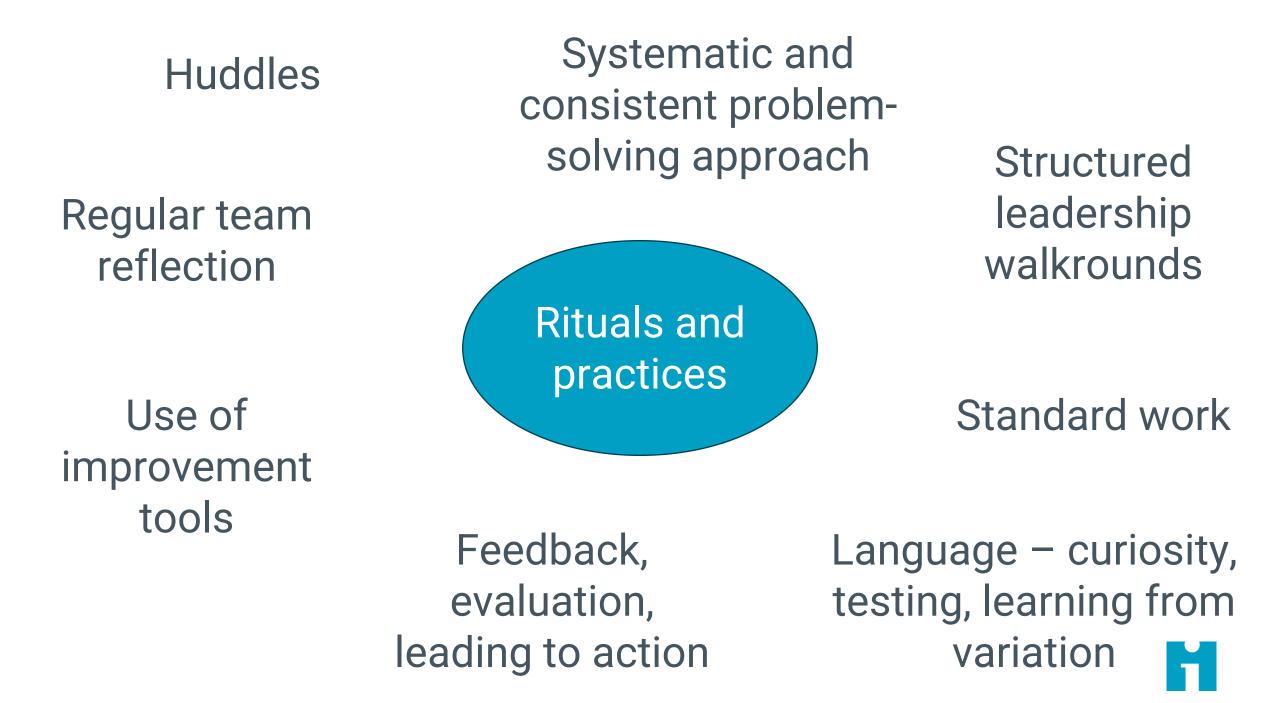




Η

5. Leadership Involvement and Sponsorship

- 1. Rituals and symbols everywhere for learning
- 2. Senior leaders **actively participating**, not just passively supporting
- 3. An **appreciative inquiry** approach to managing
- 4. A definitive move to SPC for data visualisation
- 5. **A WSQ approach** to continously learning and improving (**not just QI**)
- 6. A central team with an active distributed infrastructure
- 7. A dosing approach to **building skills experientially**



Value Improvement - Integrating finance with a quality, safety and QI

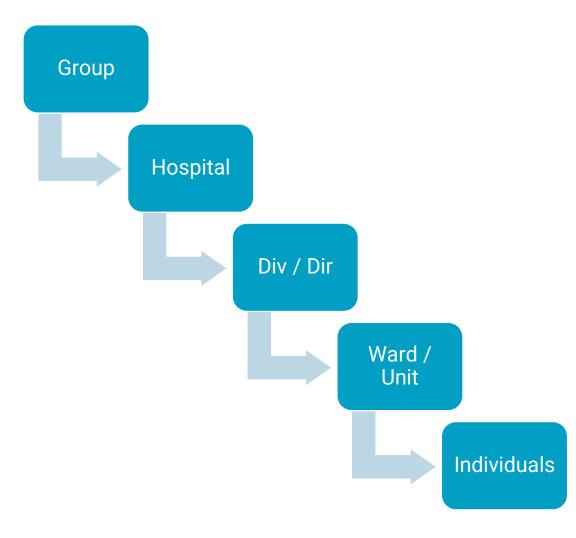
Value Improvement Collaborative

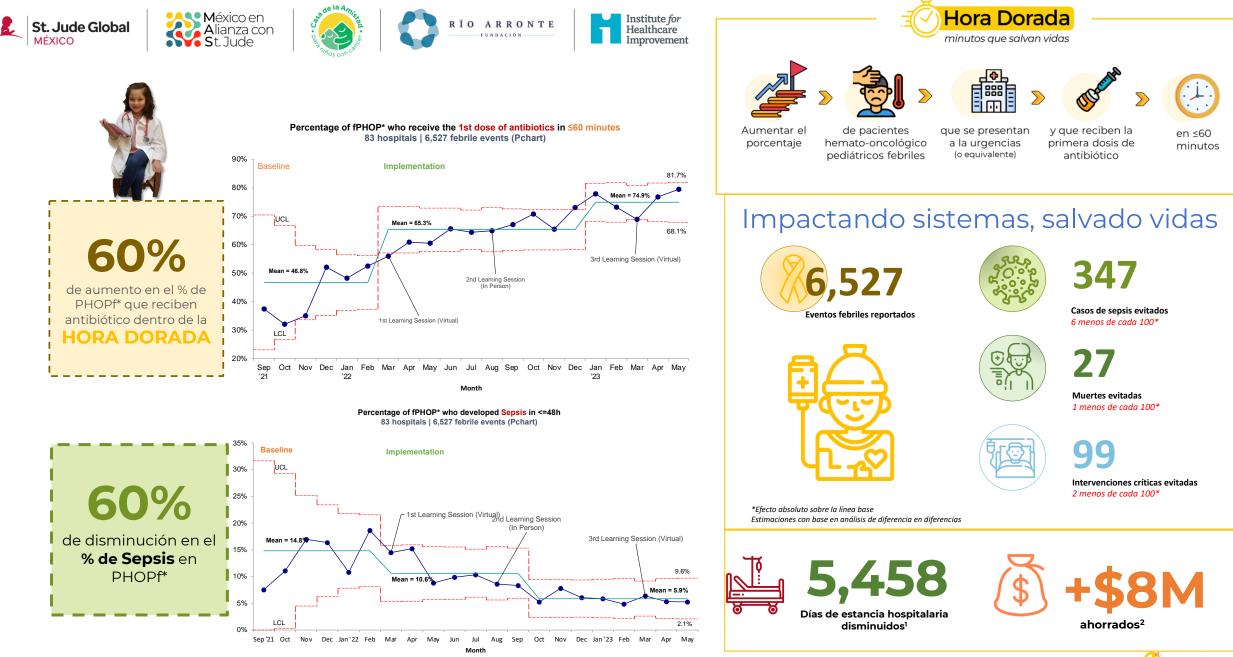
Visual management and huddles effective in multi-disciplinary communication, leadership engagement and improved outcomes





Cascading activation to manage quality





Hora Dorada minutos que salvan vidas





Alliance Europe

5 Simple Rules for Curiosity in Leadership

The curiosity to ask, the courage to listen, the commitment to change, focused on purpose

- 1. Ask rather than tell.
- 2. Listen to understand rather than to respond (practice "humble inquiry")
- 3. Hear every voice rather than only those easiest to hear.
- 4. Prioritise problem framing rather than problem solving.
- 5. Treat vulnerability as a strength rather than a weakness.

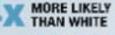
6. People and Culture

Equity coherence

ETHNIC HEALTH INEQUALITIES IN THE UK



BLACK WOMEN ARE



women to DIE in PREGNANCY or childbirth in the UK. Ref: https://bit.ly/3ihDwcN

IN BRITAIN, SOUTH ASIANS HAVE A % HIGHER

from CHD than the general population. Ref: https://bit.ly/3iifo9V

ACROSS THE COUNTRY. FEWER THAN CO/ OF BLOOD **J** 70 DONORS are from BLACK AND MINORITY ETHNIC communities.

Ret: https://bit.ly/3ulg17r

were caused by CARDID

OF ALL DEATHS IN ENGLAND & /O WALES, IN 2019.

VASCULAR DISEASE in Black and minority ethnic groups.

Ref: https://bit.ly/3CYz22P

SOUTH ASIAN & BLACK PEOPLE ARE 4X MORE LIKELY TO DEVELOP

Type 2 diabetes than white people. Ref: https://bit.ly/3ulDy88

BLACK AND MINORITY ETHNIC PEOPLE HAVE UP TO

the mortality risk from COVID-19 than people from a WHITE BRITISH BACKGROUND Ref: https://bit.ly/3EZS20d

ESTIMATES OF DISABILITY-FREE LIFE EXPECTANCY ARE

10 YEARS

LOWER FOR BANGLADESHI MEN living in England compared to their White British counterparts. Ref; https://bit.ly/3urjmit

IN THE UK, **AFRICAN-CARIBBEAN** MEN ARE UP TO

more likely to DEVELOP **PROSTATE CANCER than** while men of the same age. Ref: https://bit.ly/39KWgEs

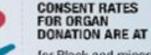


BLACK AFRICAN AND **BLACK CARIBBEAN** PEOPLE ARE OVER



more likely to be subjected to COMMUNITY TREATMENT **ORDERS** than White people.

Ref: https://bit.ly/3zK58L





for Black and minority ethnic communities and 71% FOR WHITE ELIGIBLE DONORS.

Ref: https://bit.ly/3ogH3fm



Organisation / Clinical (Access, exp, outcomes / Pop Health

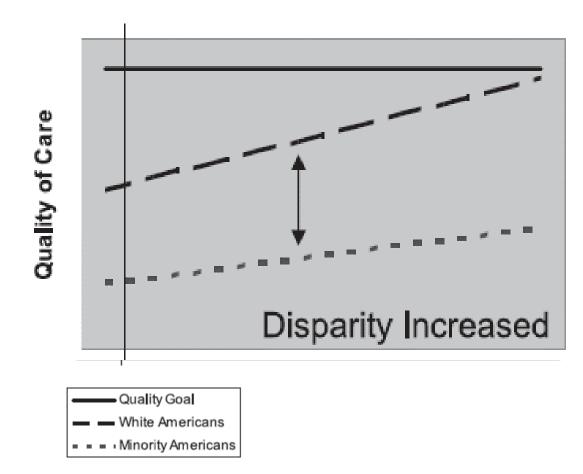
Inequities are variation Inequities are harm Created by systems.

Quality Improvement & Equity

Our systems are perfectly designed to create inequities

The benefits of quality tend to accrue to the powerful before others

Improvement tools can reduce inequities, but not without deliberate aims



Green, Alexander R., et al. "Leveraging quality improvement to achieve equity in health care." *The Joint Commission Journal on Quality and Patient Safety* 36.10 (2010): 435-442.

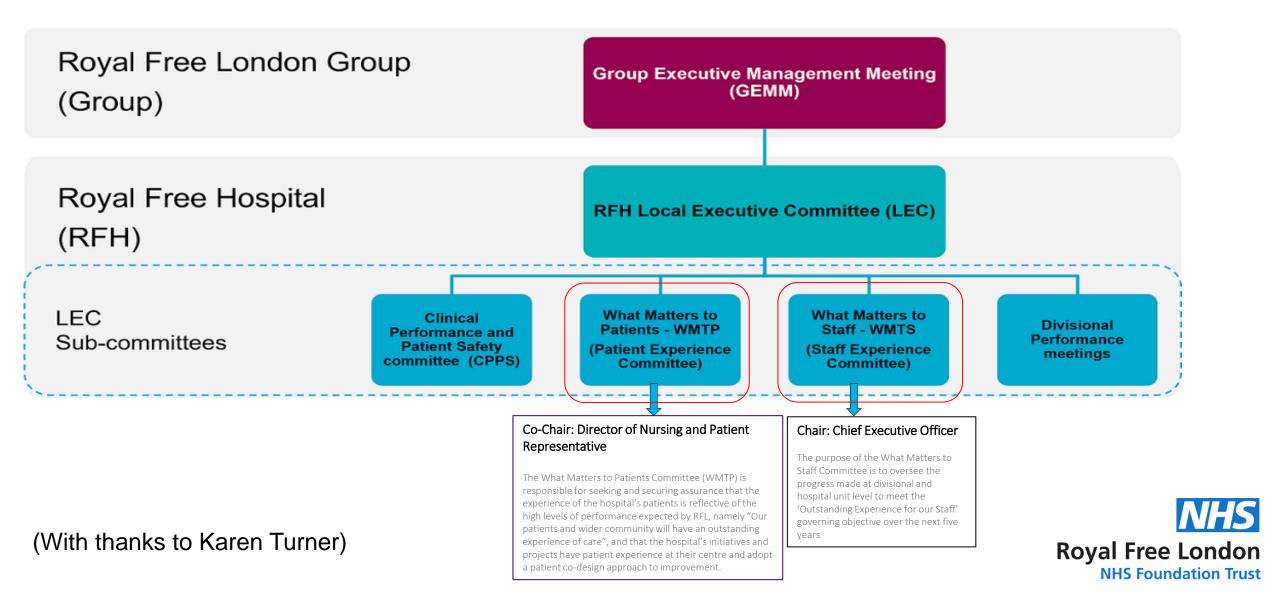
6. People and Culture

- Equity coherence
- Patients and service user partnership
- Psychological safety speaking up, comfortable to raise concerns and/or ideas
- Teamwork and communication shared understanding and approach. All teach all learn
- Culture not seen as 'something we have', but rather as 'something we do'

Hospital Business Unit Priorities (with thanks to Karen Turner)

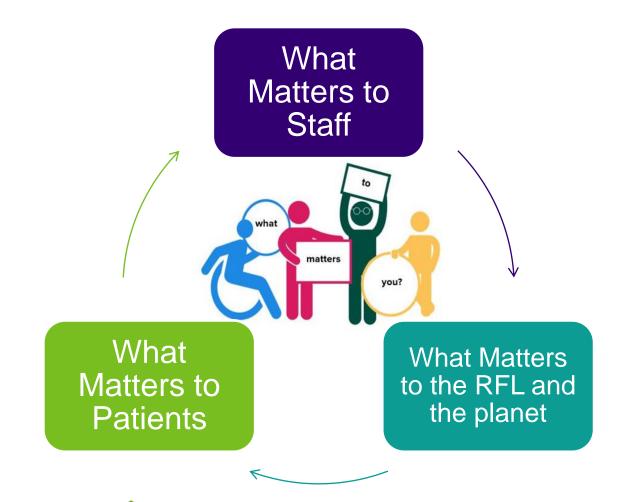
	Excellent health outcomes	Outstanding experience of care	Outstanding experience for our people	Be a sustainable organisation
2023/24 Royal Free Hospital BU Focus	We will improve outcomes for patients by reducing unwarranted variation and inequality of access	We will focus on ensuring patients feel included, safe and supported by designing a new WMTY programme for patients	We will focus on ensuring staff feel included, safe and supported by expanding the WMTS programme	We will make progress on what matters to our organisation & our planet, improving our Financial & Environmental Sustainability & reducing waste
		Γ		
Main Objective	Reduce unwarranted variation in clinical care by embedding a further 10 CPG pathways and demonstrating improved clinical outcomes as a result	Design and test a site wide WMTY programme that improves patient experience by focusing on asking, listening and doing what matters most	Continue to run the WMTStaff programme with each team aiming to increase their objectives scores by 10% between surveys	To achieve our financial sustainability targets by maximizing our efficiency and productivity to deliver 104% of 19/20 baseline activity

Royal Free Hospital Committee Structure



What to focus our QI energy on?

(With thanks to Karen Turner)



world class expertise 💠 local care



A Bonfire of Failure







Η

Self assessment – where do you think you are?

Component	Not developed	Developed and progressing	Implemented and Embeded
Leadership Involvement and sponsorship			
Golden thread from floor to board			
Improvement capability and capacity building			
People and Culture			
Learning System in daily work			
Boundarilessness			





Fostering an Improvement Culture

Learning from East London NHS Foundation Trust's Improvement Journey Over 10 Years

ihi.org



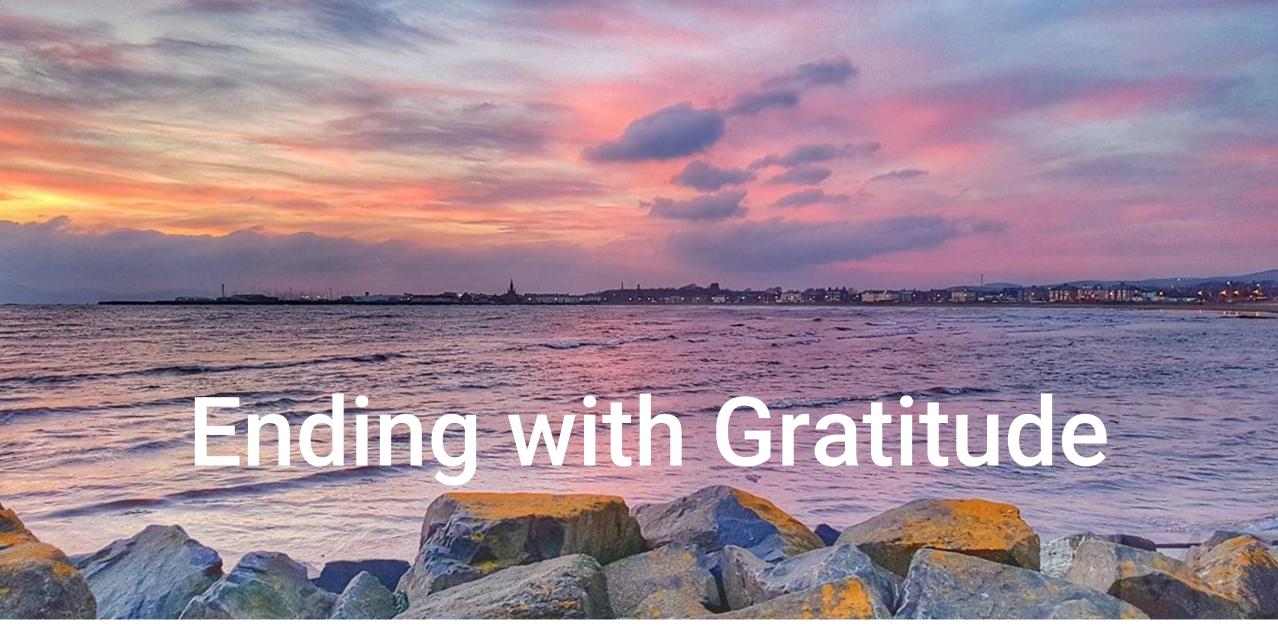


Podcast



YouTube





What is one thing you're grateful for today? Whshannah@ihi.org, pdelgado@ihi.org, hugh_mccaughey@hotmail.com

