



Healthcare
Improvement
Scotland



SPSP Adults in Hospital national event

24 March 2026

Leading quality health and care for Scotland





Healthcare
Improvement
Scotland



Welcome

Jo Matthews

Associate Director of Improvement and Safety
Healthcare Improvement Scotland



Aims

- Explore how the Scottish Approach to Change and human factors can support boards in delivering change across the SPSP Adults in Hospital programme
- Share key learning from readiness for change and system understanding to inform co-design of revised Adults in Hospital change packages
- Provide an opportunity to network with colleagues within workstreams and across the wider programme

Morning agenda

Time	Topic	Lead	Room
9.00am	Registration		
9.45am	Chair's welcome	Jo Matthews, Associate Director of Improvement and Safety, Healthcare Improvement Scotland	Queen Mary Suite
9.55am	Introduction to the Scottish Approach to Change	Clare Morrison, Director of Engagement and Change, Healthcare Improvement Scotland	Queen Mary Suite
10.05am	Introduction to human factors for systems safety	Paul Bowie, Programme Director (Safety and Improvement), NHS Education for Scotland	Queen Mary Suite
10.25am	Application of human factors tool	Calum McGregor, Clinical Director for Quality, NHS Forth Valley Julie Mardon, Clinical Director Scottish Centre Simulation and Clinical Human Factors, NHS Forth Valley	Queen Mary Suite
10.45am	Q&A	Chair	Queen Mary Suite
10.55am	Morning break and transition to breakouts		
11.10am	Workstream breakouts Falls Pressure ulcers Deteriorating patient Medicines EWG	Chairs	Rooms Queen Mary Suite Queen Mary Suite Queen Elizabeth 1 Queen Elizabeth 2
12.35pm	Lunch and networking		
			Clyde Suite Lounge

Afternoon agenda

Time	Topic	Lead	Room
1.20pm	Keynote speaker: Shift happens. Be the change!	Kev House , Art of Brilliance	Queen Mary Suite
2.20pm	Afternoon break and transition to breakouts		Clyde Suite Lounge
2.35pm	Workstream breakouts Falls Pressure Ulcers Deteriorating Patient Medicines EWG	Chairs	Rooms Queen Mary Suite Queen Mary Suite Queen Elizabeth 1 Queen Elizabeth 2
3.25pm	Transition to the main room		
3.35pm	Feedback from breakouts	Chair	Queen Mary Suite
3.45pm	Scottish Approach to Change	Clare Morrison , Director of Engagement and Change, Healthcare Improvement Scotland	Queen Mary Suite
3.55pm	Closing remarks	Chair	Queen Mary Suite
4.00pm	Close		

Scottish Patient Safety Programme



SPSP aims to improve the safety and reliability of care and reduce harm

Core themes

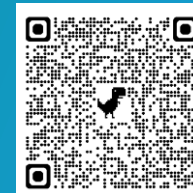
Essentials of Safe Care

SPSP Programmes

Perinatal | Paediatric | Mental Health
Adults in Hospital

SPSP Learning System

Essentials of Safe Care 2025



Our vision is

The delivery of safe care, improving outcomes for every person, every time across health and care

Delivered through...

A people-led approach to the planning and delivery of safe care

Effective and inclusive communication

Leadership at all levels to support a culture of safety

Safe clinical and care processes

Which requires...

People and professionals are equal partners in shared decision making

Care and support is shaped to meet the needs of people

People, families, carers and staff are systematically listened to, and concerns are acted upon

Communication tailored to individual needs and preferences

People and teams feel safe and able to speak up

Team communication and collaboration

Leadership is compassionate and inclusive

Staff feel supported and valued

Learning system for continuous improvement

Everyone has the opportunity to learn and develop

Safe staffing and skill mix

Care is up to date and evidence based

Clinical and care governance structures support safety

Information systems that work together

SPSP Adults in Hospital



SPSP aims to improve the outcomes and reduce harm for adults in hospital

Core themes

Essentials of Safe Care

SPSP Adults in Hospital

Falls | Deteriorating Patient | Pressure Ulcers
Medicines

SPSP Learning System



Healthcare
Improvement
Scotland



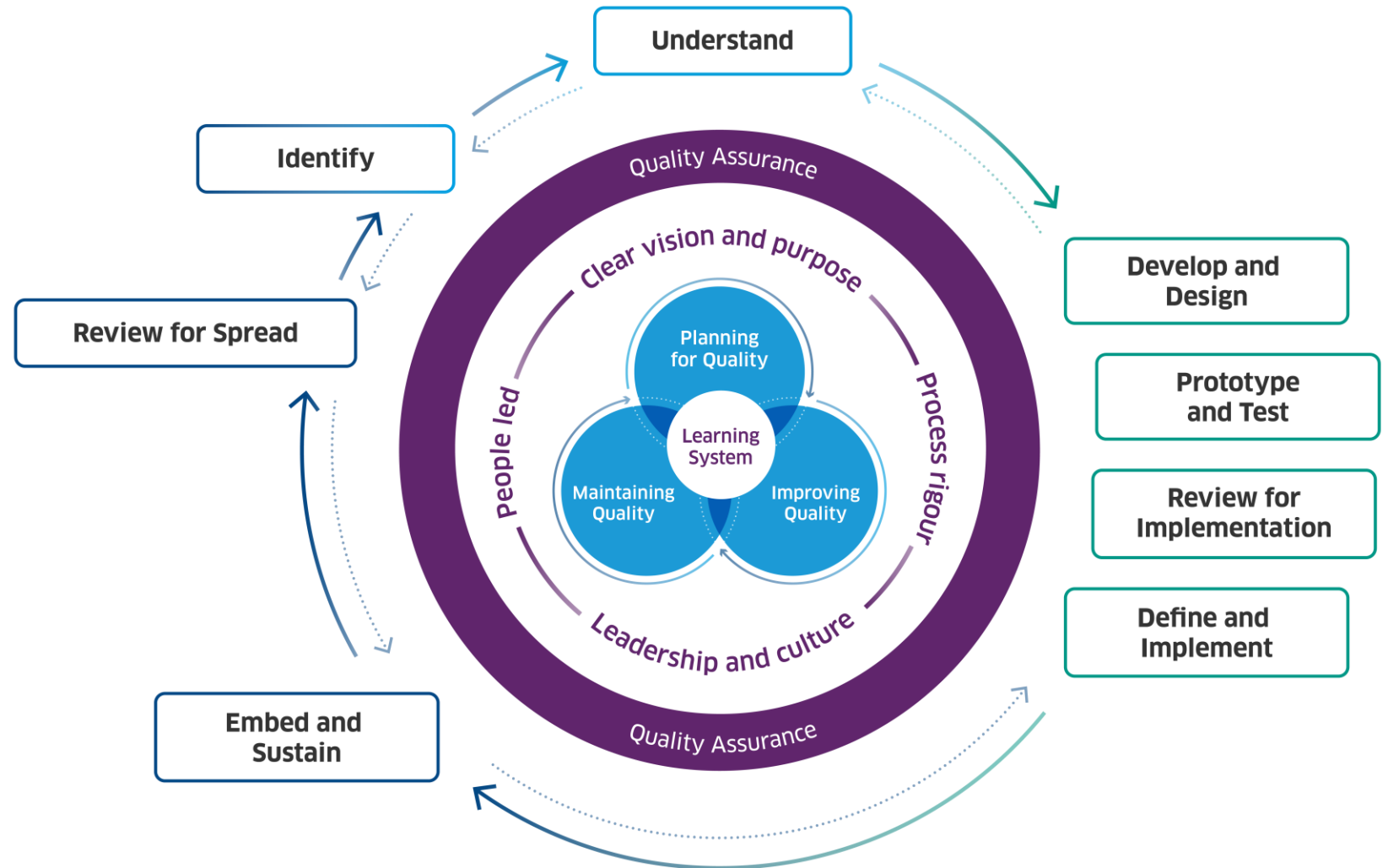
Introduction to the Scottish Approach to Change

Clare Morrison

Director of Engagement and Change,
Healthcare Improvement Scotland



Grounded in the Scottish Approach to Change



About the Scottish Approach to Change

The Scottish Approach to Change aims to create a clear pathway to **support everyone to do change well**



About the Scottish Approach to Change



Clear Vision and Purpose

- Maximise benefits of **siloed change methods**
- Translate theory into a **practical** tool
- Create a **universal language** for change

About the Scottish Approach to Change

Development of the approach

- **Building** on what was known already
- Grounded in **collaboration** with a wide range of stakeholders
- Drawing on **real world experience** (including from our pathfinder sites)
- **Learning** and being **curious**



A multi-disciplinary approach to improvement

Quality Improvement

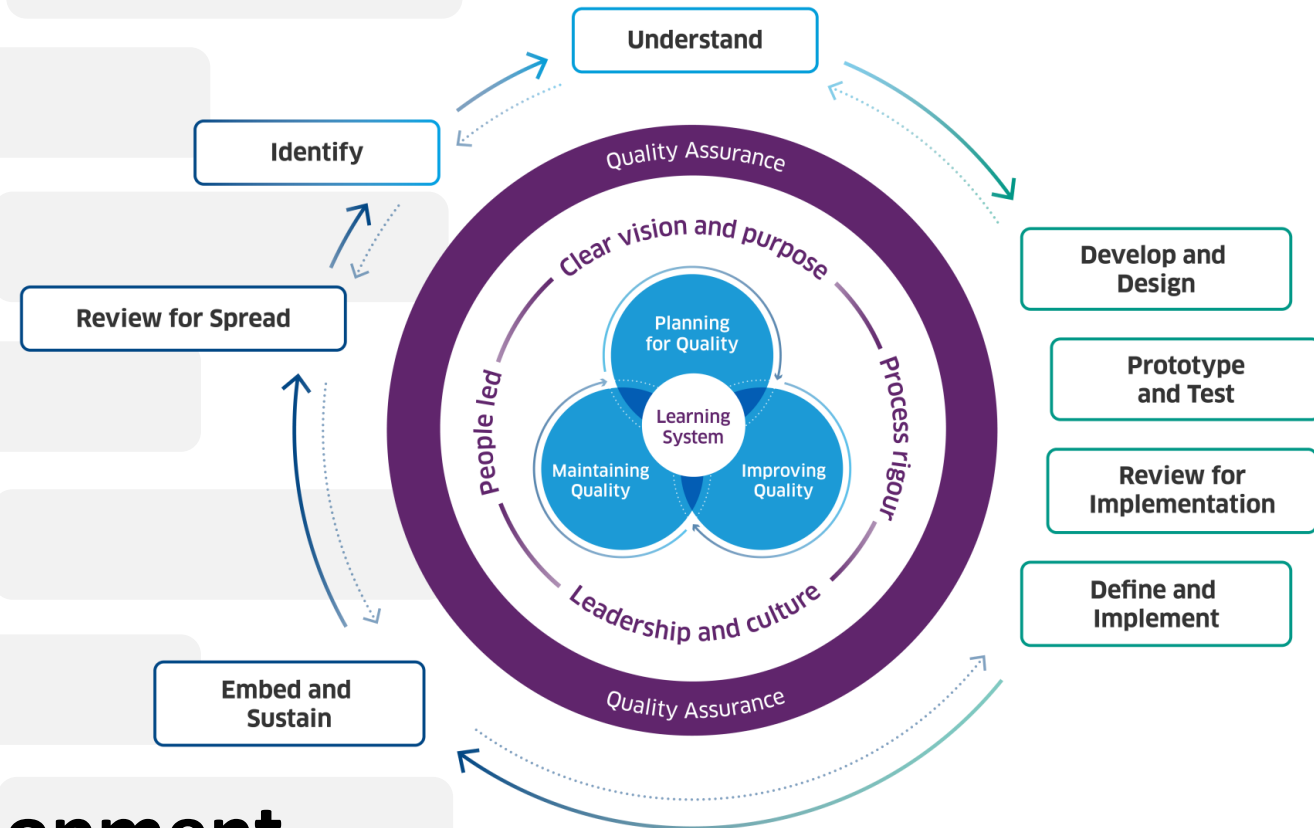
Service Design

Engagement Practice

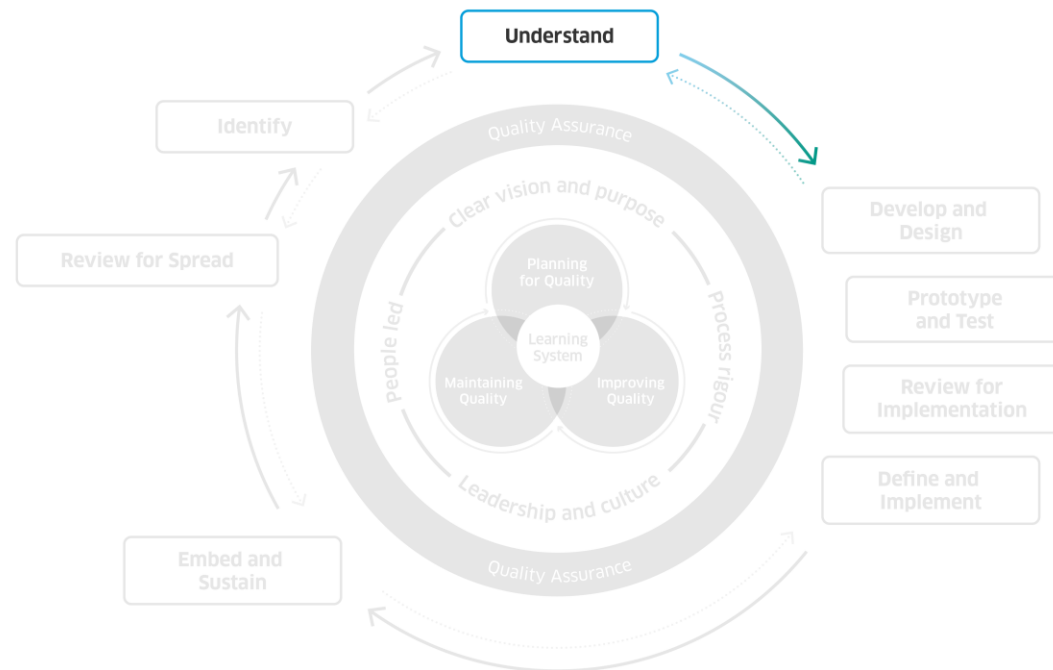
Strategic Planning

Project Management

Organisational Development



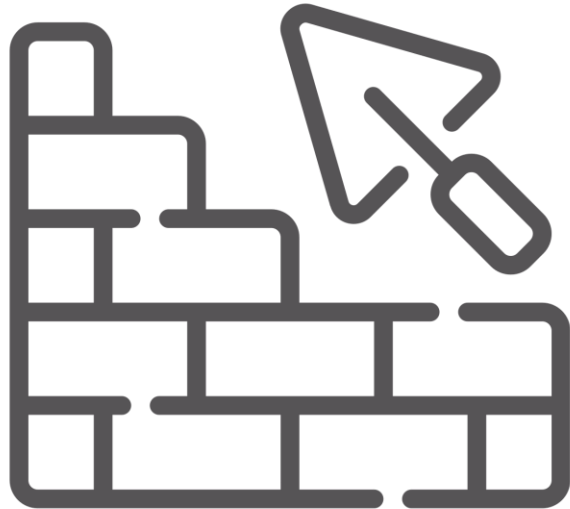
Understand is an investment in good change



When you think about

- What you want to focus on
- Your readiness for change

What you want to change?

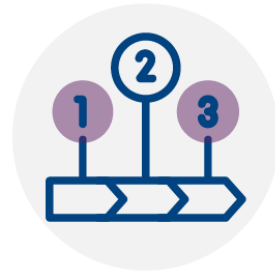


**Investing in
understanding so you
take the best ideas into
testing**

Readiness – enablers of change



**Vision and
purpose**



Process rigour



People led



**Leadership
and culture**



Learning

Scottish Approach to Change: digital resource

Scottish Approach to Change

The Scottish Approach to Change supports the health and care system to do change well. NHS renewal involves a lot of change. To be successful, it needs to use a clear approach. This is what the Scottish Approach to Change provides.

It brings together different change methods into a single approach and translates theory into a practical tool. Importantly, it uses simple accessible language. This helps people achieve high quality change.

The Scottish Approach to Change brings together different evidence-based methods and tools for managing quality and change. It can be used as:

- a framework for managing quality and change at an organisational level
- a practical approach to delivering discrete change projects at any level



Framework

The framework includes eight steps and five enablers. Together, they support effective and lasting change.

[Read more](#)



Enablers of quality and change

The five key enablers are essential for successful change.

[Read more](#)



Steps of change

The eight steps of change guide you through the full change cycle.

[Read more](#)



Using the Scottish Approach to Change

The Scottish Approach to Change is based on our experience and learning from supporting the health and social care systems to deliver change.

[Read more](#)

Enablers of quality and change

The **five enablers of quality and change** create the conditions that support successful and sustainable improvement. They do this by aligning people, processes, and leadership around a shared purpose.

Evidence shows that without these enablers, change can:

- face more systemic challenges and organisational barriers
- struggle to gain support and make progress
- be more challenging to sustain over time

Successful change relies on having five enablers in place.



Clear vision and purpose

Define a clear vision and purpose that drives your change, outlining what you are trying to do and how you will get there.

[Read more](#)



Process rigour

Outline a rigorous approach in how you undertake change systematically across your organisation.

[Read more](#)



Leadership and culture

Create the conditions for change to thrive through setting the right culture and leadership.

[Read more](#)



People-led

Take a people-led approach by inviting people to design and deliver change together.

[Read more](#)



Learning system

Embed a learning culture to support your change programme sustainably.

[Read more](#)

Tools and resources

Several tools have been selected to support the Scottish Approach to Change, with up to **three recommended for each section** as a starting point. To access a wider range of tools, guidance, templates, and improvement frameworks, our full library will be made available early **October 2025**.

[Jump to section](#)

Step of change: Identify

Strategic gap analysis	Three horizons	Comment cards
A tool that helps you find what is making it look at where you are now and where you want to be.	A tool that helps build a long-term vision for a system and the steps required to get there.	A tool that helps service users to write down and post their thoughts and feedback.
Learn more	Learn more	Learn more

Step of change: Understand

Journey mapping	Mapping your system	Last 10 patients
A visualisation tool that helps you understand users' needs, emotions, challenges, and opportunities.	A tool that helps to give you an overview of a system and how the parts interrelate to form the whole.	A TURAS Learn tool to help you identify variation in journey times using patient information.
Learn more	Learn more	Learn more

Step of change: Develop and design

Driver diagrams	Options appraisal	How might we statements
A TURAS Learn tool that helps to show you the plan for reaching an improvement goal.	Guidance that helps you to make decisions. It takes people through each stage of a proposed process.	A tool that helps turn insights into opportunities for design and explore solutions.
Learn More	Learn More	Learn More

Step of change: Prototype and test

Plan, do, check, act (PDCA)	Lessons learned log	Idea generation
A TURAS Learn PDCA tool that helps to test an idea by making a change and assessing its impact.	A lessons learned log captures knowledge about what has worked well and what could have gone differently.	An idea generation technique can help to explore and test solutions, and find out what works best before deciding.
Learn More	Learn More	Learn More

Step of change: Review for implementation

After action review	8 Hats
A tool that helps people review what happened, correct unintended effects, and capture recommendations for the future.	A technique that improves decision making by encouraging participants to systematically consider a problem from multiple perspectives.
Learn More	Learn More



<https://www.healthcareimprovementscotland.scot/improving-care/scottish-approach-to-change/>



Healthcare
Improvement
Scotland



Introduction to human factors for systems safety

Paul Bowie

Programme Director (Safety and Improvement),
NHS Education for Scotland

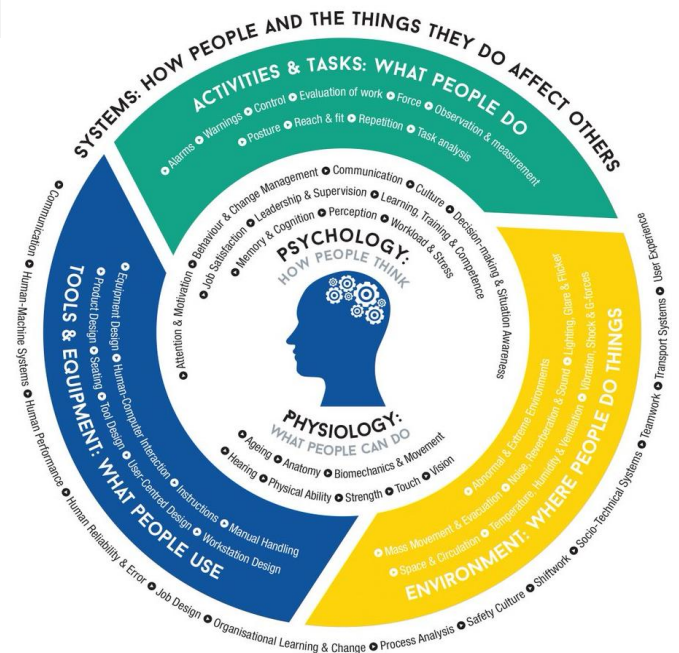


Defining Human Factors/Ergonomics (HFE)

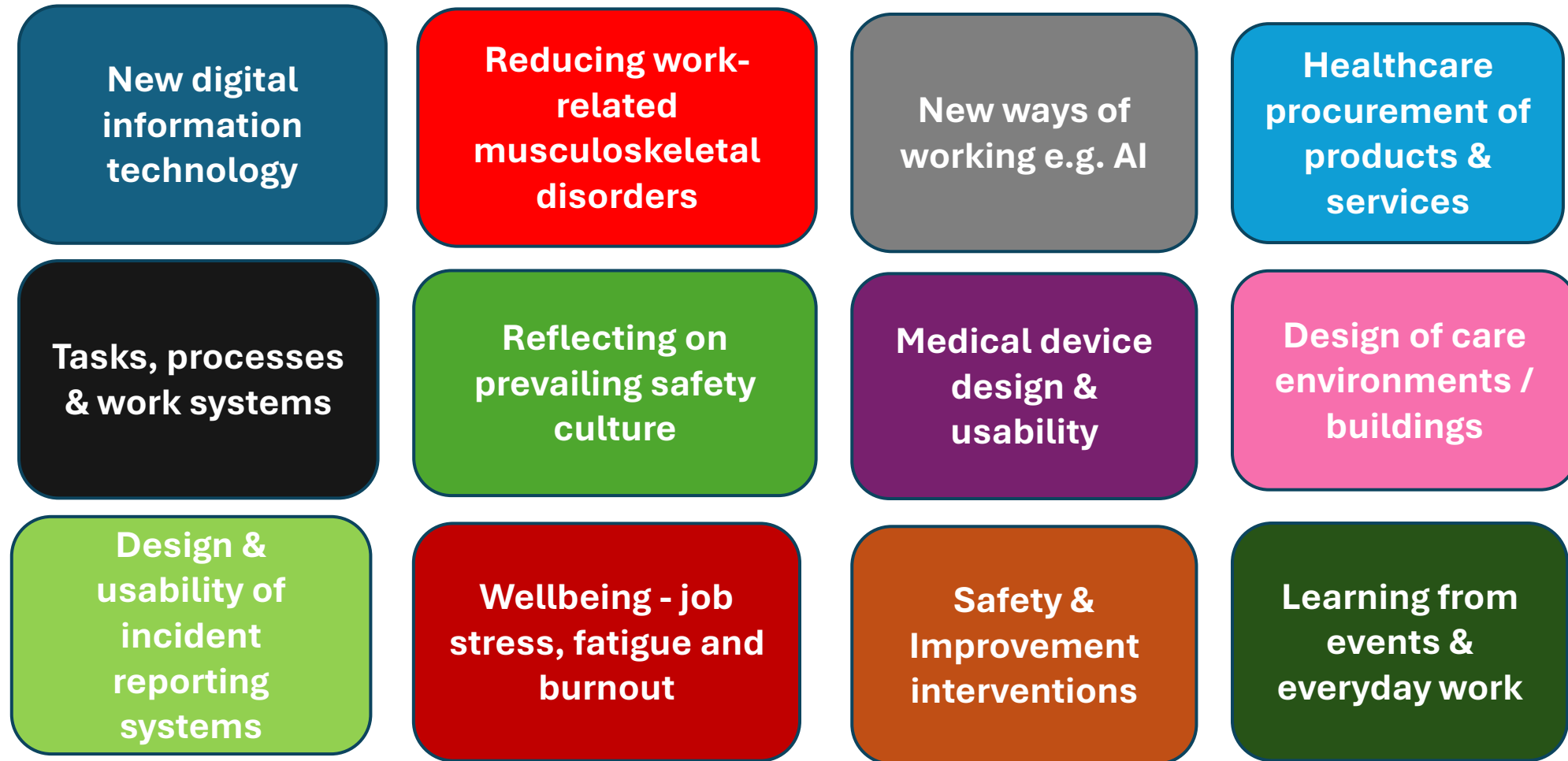
- “Ergonomics (or human factors) is...concerned with the **understanding of interactions among humans and other elements of a system**...in order to optimize human **well-being** and overall **system performance**...” (IEA, 2000)

In simpler terms:

- *Applying human factors ensures that systems, products and services are designed to make them easier, safer and more effective for people to use*
- **Designing for people to make things easier, efficient, safer, usable, useful, comfortable, enjoyable...**



Focus is on improving all aspects of Human Work e.g.



Known sources of design failures, risks and harms!

“We cannot change the human condition, but we can change the conditions under which humans work”

[Reason, 1997]

Who is Improving Human Work in Healthcare?

- “Sharp-End” Clinicians, educators, leaders, managers, scientists, ancillary, admin etc.
- Safety Investigators
- Improvement Advisor
- Clinical Risk Advisor
- Patient Safety Officer
- Clinical Governance Manager
- Occupational Health & Safety Professional

- Simulation Educator
- Human Resources
- Health Services Researcher
- Regulators & Accreditors
- Implementation Scientist
- Industrial / Work Psychologist
- User Designer / UX Researcher
- Ergonomist / Human Factors Specialist (very rare!)

***THE* Mothership Slide**

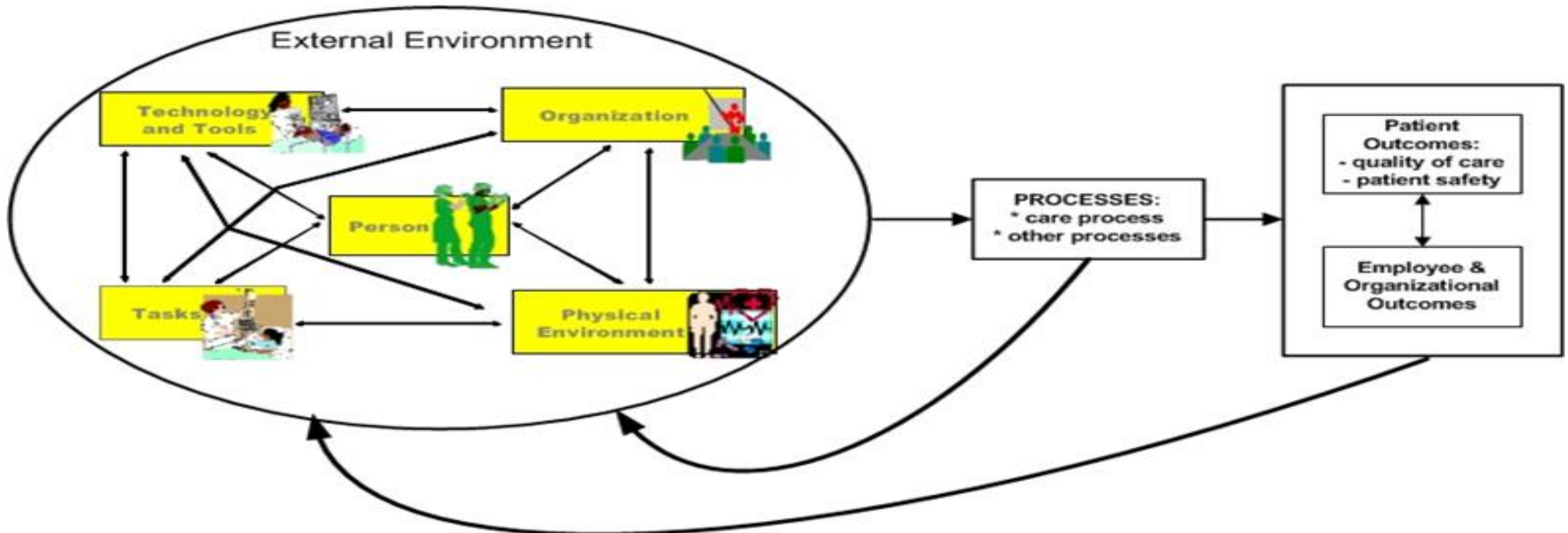
Distinguishing Features of Human Factors & Ergonomics

- 1. It ALWAYS takes a Systems Approach (holistic)**
- 2. It is ALWAYS Design Driven (to take account of human characteristics, needs, capabilities and preferences)**
- 3. It focuses ALWAYS on two closely related outcomes: System Performance and Human Well-being**

(“Twin Aims” = “Joint Optimisation”)

Human Factors Science is Systems-Focused...

System Engineering Initiative for Patient Safety (SEIPS) Framework (Carayon et al, 2006)



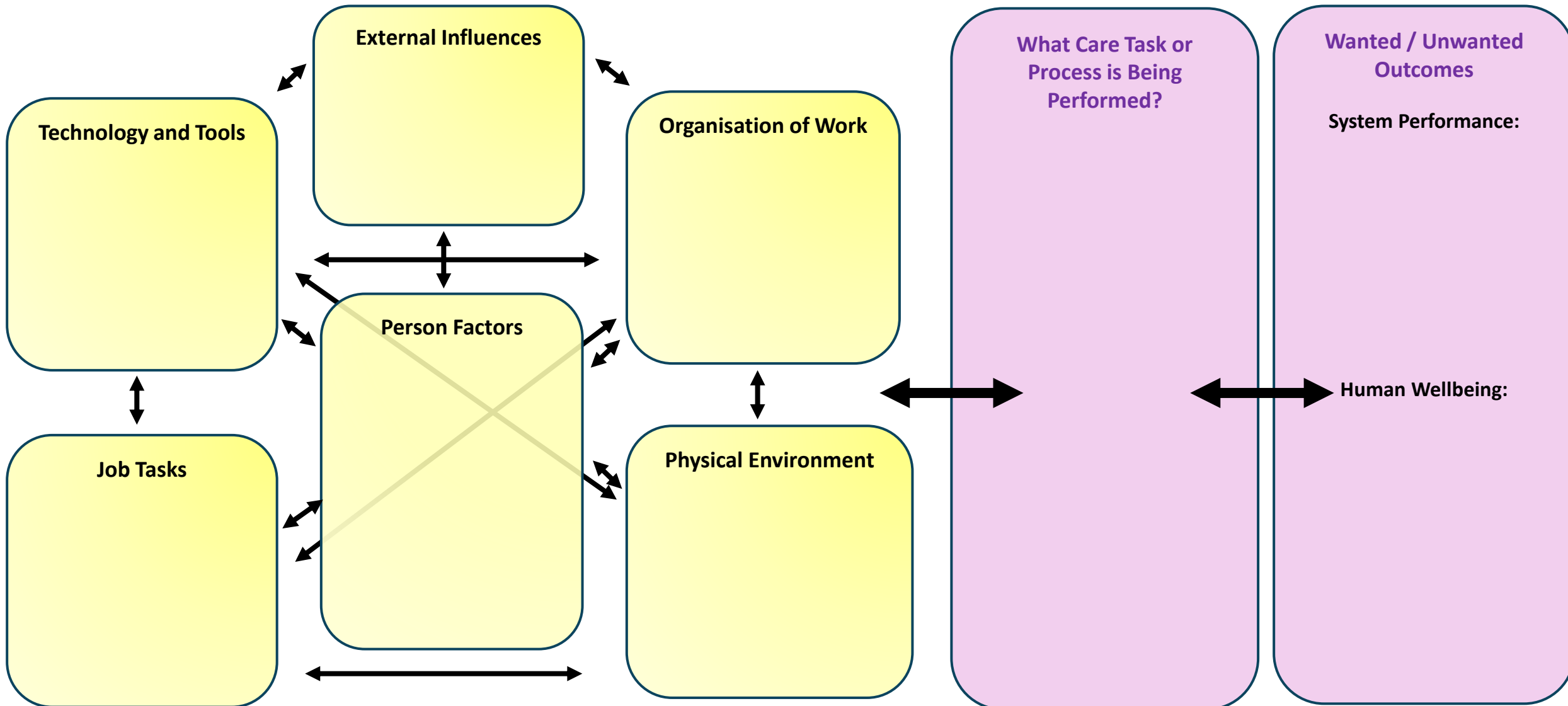
Care System Analysis Tool (CSAT)



Work System Design Issues (e.g. Facilitators or Barriers)

Care Process

Outcomes



CSAT Explained

- The tool is based on the SEIPS (System Engineering Initiative for Patient Safety) Framework.
- This is a Human Factors systems approach to understanding care processes, work systems and outcomes to inform better design and improvement.
- The Tool can be used by anyone as a general systems analysis and problem-solving tool e.g. safety learning reviews; hazard identification; design of incident reporting & data collection; simulation design; protocol & checklist development; research design and data analysis.

Guiding Step

1. As a team, use the CSAT worksheet as a prompt to highlight the system-wide factors that contribute to the issue at hand
2. Seek to understand how these factors influence processes and *interact* to produce outcomes (both wanted or unwanted)
3. Link this new knowledge to making work system redesign or improvement recommendations

Examples of Interacting System Elements

Person Factors

e.g. Physical, psychological capabilities, limitations and impacts (frustration, stress, fatigue, burnout, musculoskeletal, satisfaction, enjoyment, experiences, job control); personality or social issues; cognitive ; competence, skills, knowledge, attitudes; risk perception; training issues; personal needs and preferences; psychological safety; performance variability; personal goals; adaptation to work conditions.

Care team e.g. roles, support, communication, collaboration, supervision, management, leadership

Patient/client e.g. complexity of clinical condition, physical, social, psychological, relationship factors

Others e.g. families and carers, and other health and social services colleagues

Tools & Technology

e.g. design interaction and device usability issues; familiarity; positioning, accessibility; availability; access; mobility; operational /calibrated /maintained; device usability; various IT design issues.

Task Factors

Specific actions within larger work processes, includes task attributes such as:

- level of task difficulty /complexity;
- time taken;
- hazardous nature;
- variety of tasks;
- sequencing of tasks
- workload, time pressure, cognitive load,

Physical Environment

e.g. Layout; noise; lighting; vibration; temperature; humidity and air quality; design of immediate workspace or physical environment layout; location; size; clutter; cleanliness; standardisation, aesthetics; crowding

External Influences

e.g. Societal, government, cultural, accreditation and regulatory influences e.g. funding, national policies and targets, professional bodies, regulatory demands, legislation and legal influences, other risks and influences

Organisation of Work Factors

e.g. Structures external to a person (but often put in place by people) that organise time, space, resources, and activity.

Within institutions:

- Work schedules/staffing
- Workload assignment
- Management and incentive systems
- Organisational / safety culture (values, commitment, transparency)
- Training
- Policies/procedures
- Resource availability and recruitment

In other settings:

- Communication
- Infrastructure
- Living arrangements
- Family roles and responsibilities
- Work and life schedules
- Financial and health-related resources

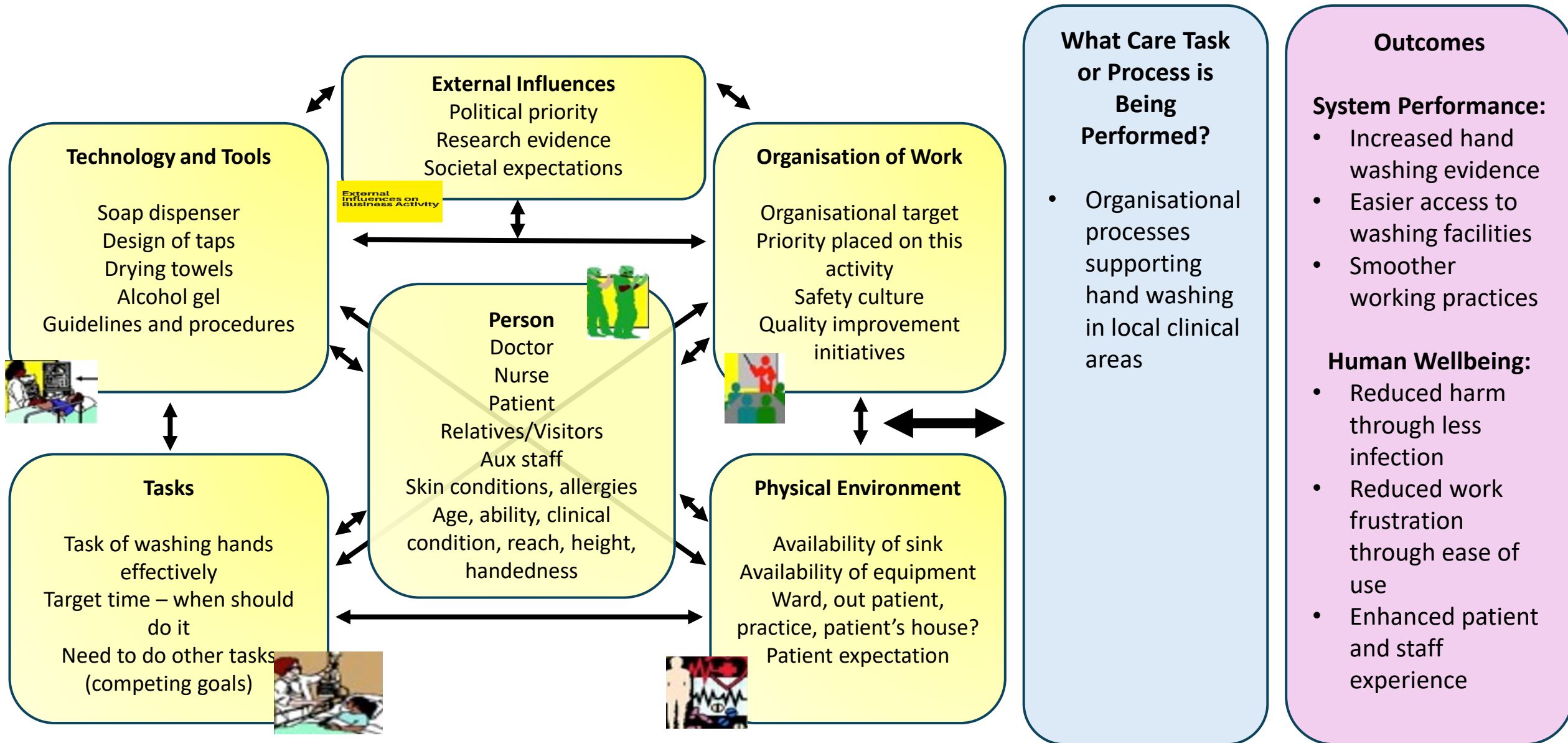
Outcomes

Outcomes – System Performance
e.g. Safety; productivity; resilience; efficiency; effectiveness; care quality

Outcomes – Human Wellbeing
e.g. Health and safety; patient satisfaction and experience; enjoyment; staff turnover; staff welfare; job satisfaction



Hand Hygiene System Story - Care System Interactions and Outcomes



HFE Science is Design-Driven...

- **Draws on important principles derived from Human, Engineering, Management & Other Sciences:**

- Anatomy
- Biomechanics
- Physiology
- Anthropometrics
- Engineering
- Psychology
- Sociology
- Interaction design
- Organisational management
- User experience
- etc



- **Human-Centred Design of:**

- Tasks
- Work systems
- Technology interfaces
- Products
- Services
- Physical environments



- **Organisational Performance**

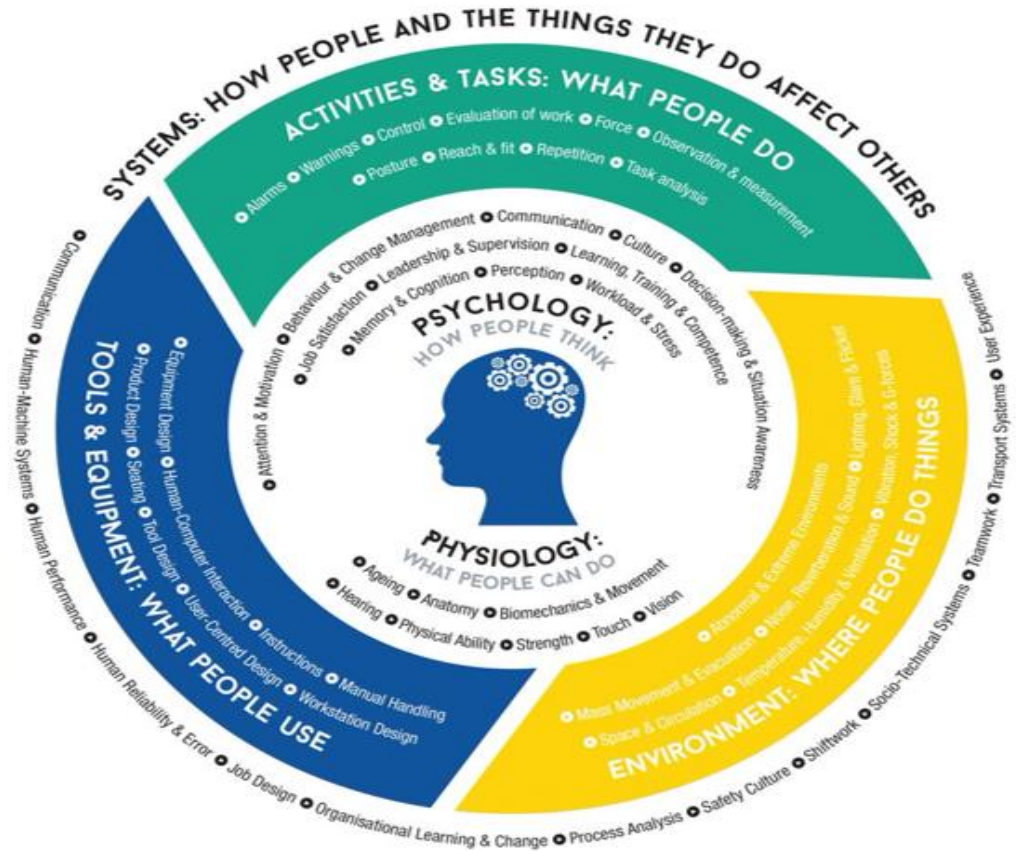
- System safety
- Efficiency
- Effectiveness
- Reliability
- Productivity

- **Human Wellbeing**

- Health & Safety
- Satisfaction
- Experience
- Comfort
- Enjoyment

A Human Factors Issue, Problem or Challenge?

- Clear risk
- Design issue
- Safety concern
- Everyday work:
 - Hassles
 - Frustrations
 - Irritation
 - Anything that...

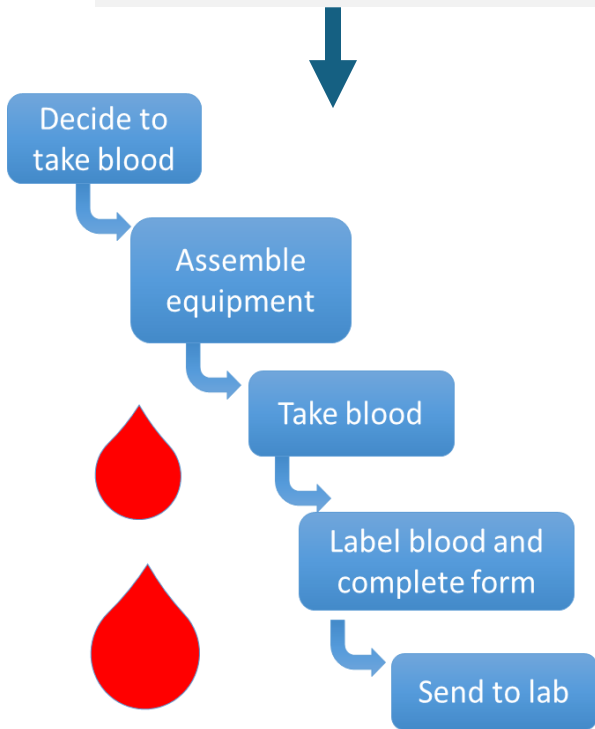


Healthcare Human Factors – Five Fallacies

1. Human Factors addresses workplace problems by teaching people to modify their behaviours **X**
2. Human Factors is about eliminating 'human error' **X**
3. Human Factors is focused only on individuals **X**
4. Human Factors is just 'common sense' **X**
5. Human Factors consists of a limited set of principles that can be learnt during brief training **X**

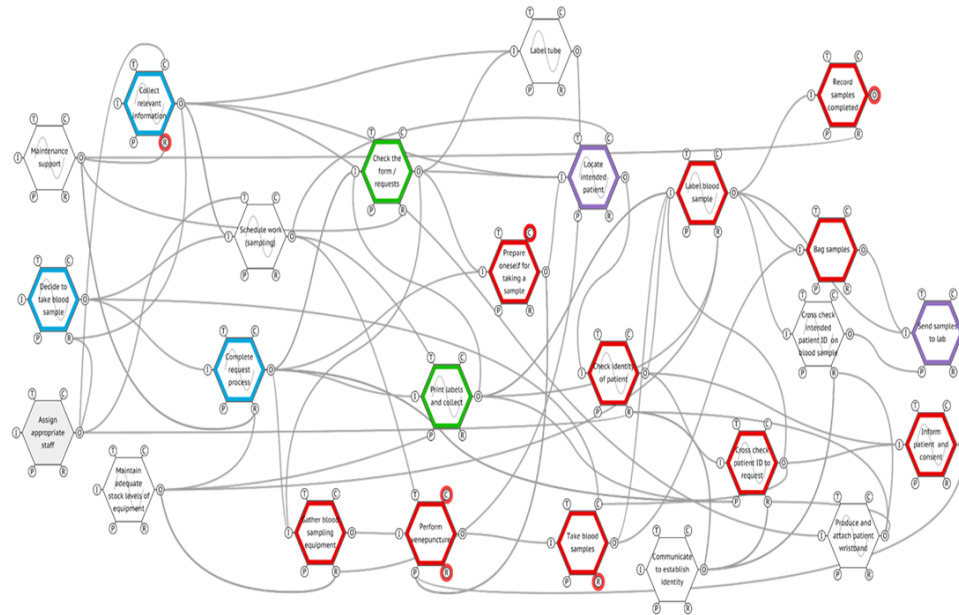
The 'Simple' Act of Taking a Blood Sample

Work-As-Imagined



“Simple” Act of Taking blood

Work-As-Done



Pickup L, Hollnagel E, Bowie P *et al.* Blood sampling - Two sides to the story. *Applied Ergonomics*. 59. 2017; 234–242

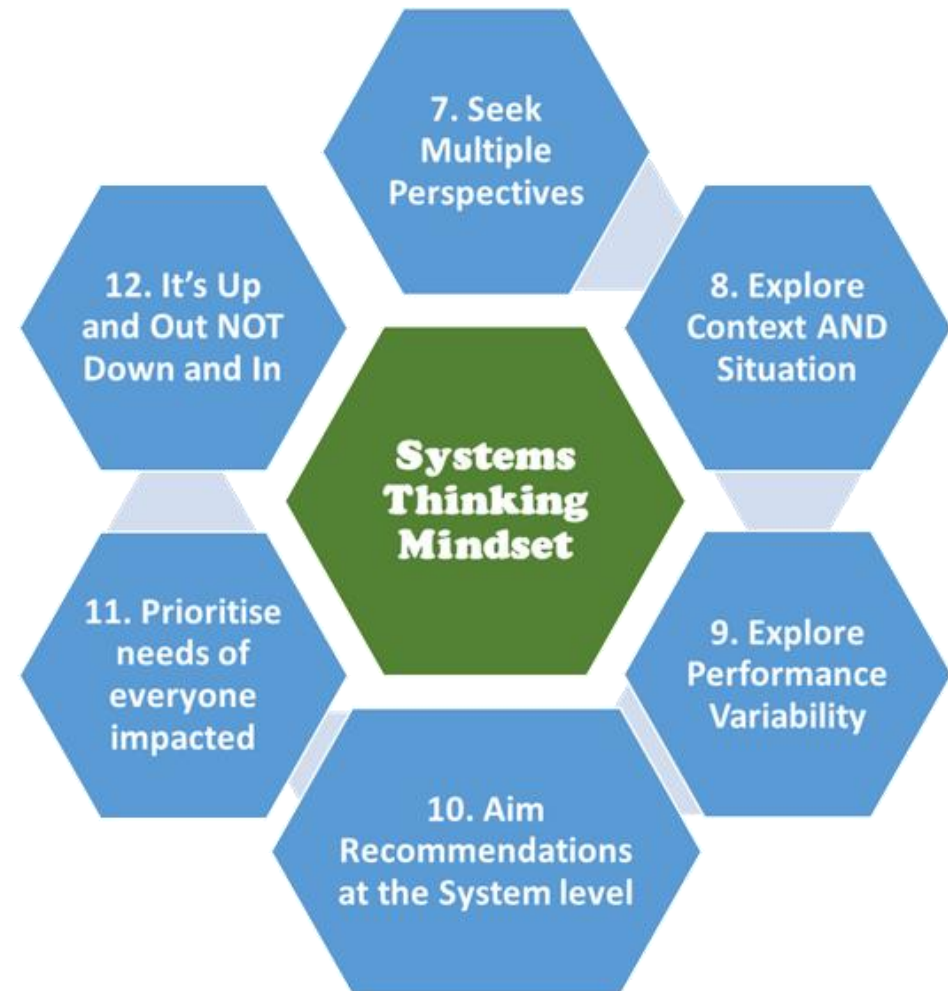
Work System Design?

Complex, non-linear, dynamic, unpredictable:

- Printer location
- Printer working
- Ink availability
- Labels available
- Workload distribution
- Interruptions
- Dexterity issues
- Sample tube design
- Etc...

Making Systems Safer

Examples of HFE-Based Systems Thinking Principles/Mindset



Online HFE Hub Development



Welcome to the Human Factors Hub
Integrating Learning into Practice

● All ○ Welcome to the Human Factors Hub

[Learn home](#) > Welcome to the Human Factors Hub

Welcome to the Human Factors Hub

[Quick Access to Popular Resources](#)

[Informed Resources](#)

[Skilled Resources](#)

[Enhanced Resources](#)

[Specialist Resources](#)

[Safety Learning Reviews \(SLRs\)](#)

[Brilliant Basics Teaching Packs](#)

[Research and Innovation](#)

[Useful Resources](#)

Human Factors

[★ Add to favourites](#)

Welcome to the NES Human Factors and Ergonomics (HFE) education and resources hub. This hub aims to enhance the safety, effectiveness, and usability of Health and Social Care systems by providing educational resources and practical tools that support the integration of Human Factors principles across all levels of policy, practice, education, and research.

How do I use this Hub?

Not sure where to start? Why not use the HF Learning Pathway Selector below to help guide you:



Human Factors
Learning Pathway Selector

[Click here to try the HF Learning Pathway Selector](#)



Application of human factors

Calum McGregor

Clinical Director for Quality, NHS Forth Valley

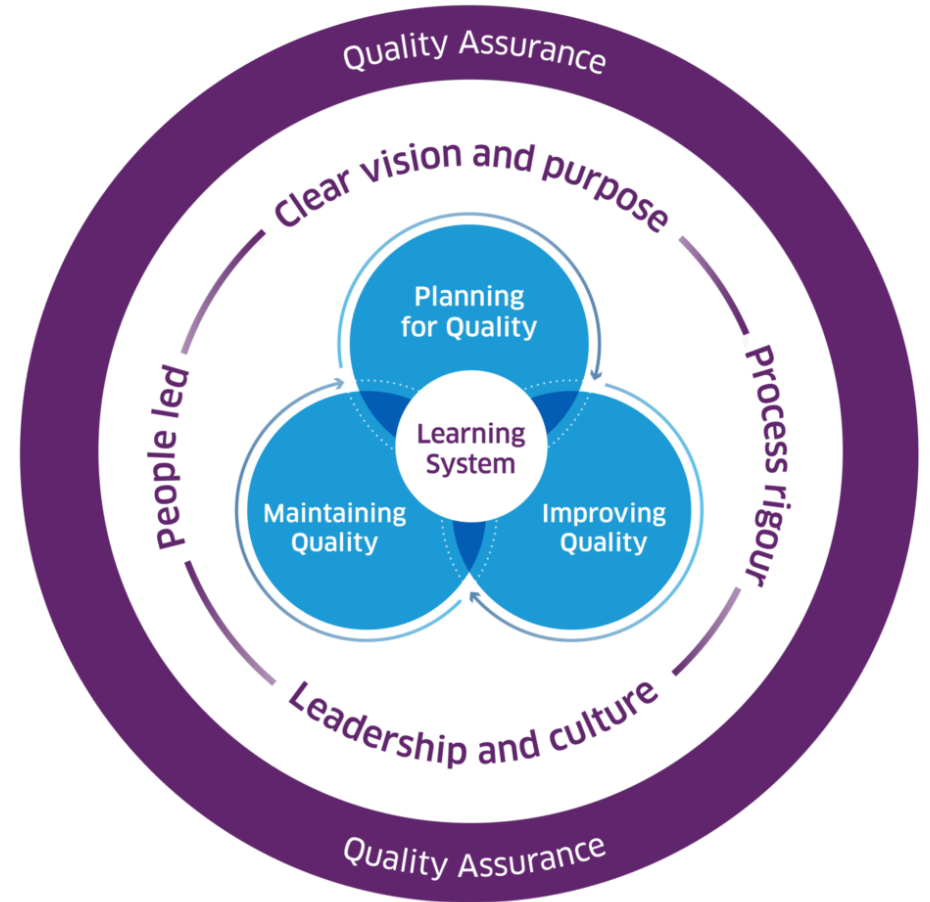
Julie Mardon

Clinical Director Scottish Centre Simulation, NHS Forth Valley



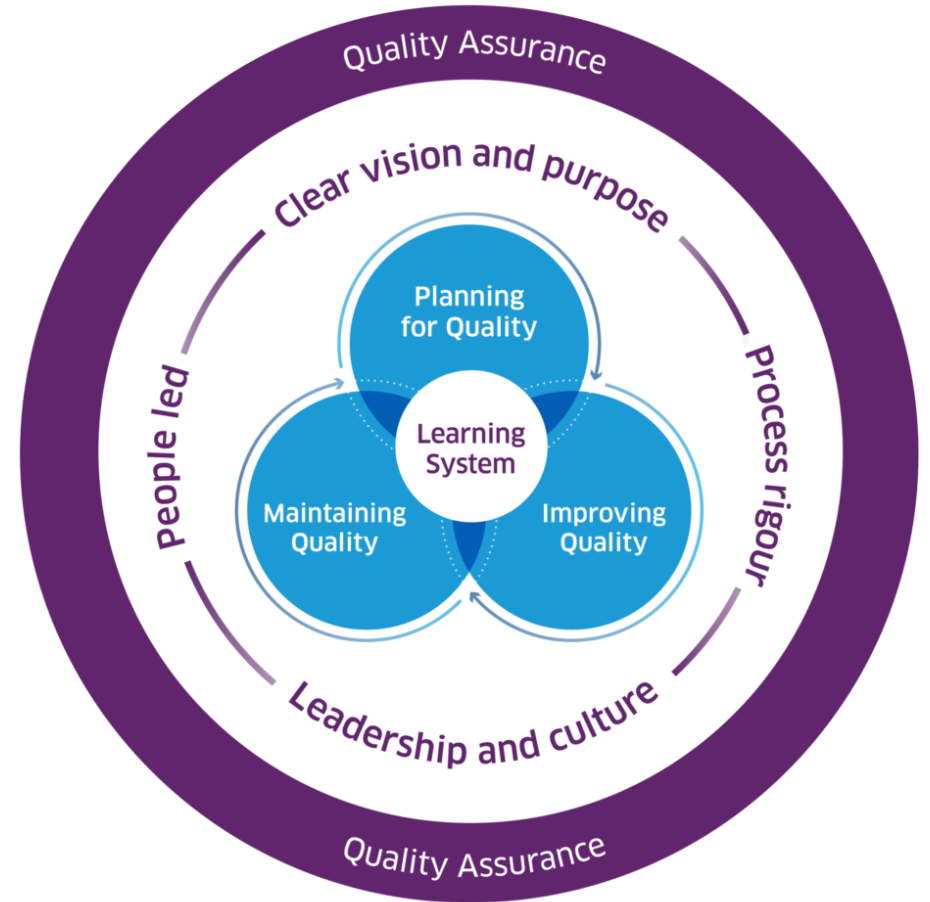
CSAT within Det Pat workstream

- Exercise using CSAT tool
- FV deteriorating patient collaborative aiming to reduce cardiac arrests by 40% by Nov 2025
- How that fits into a quality management system



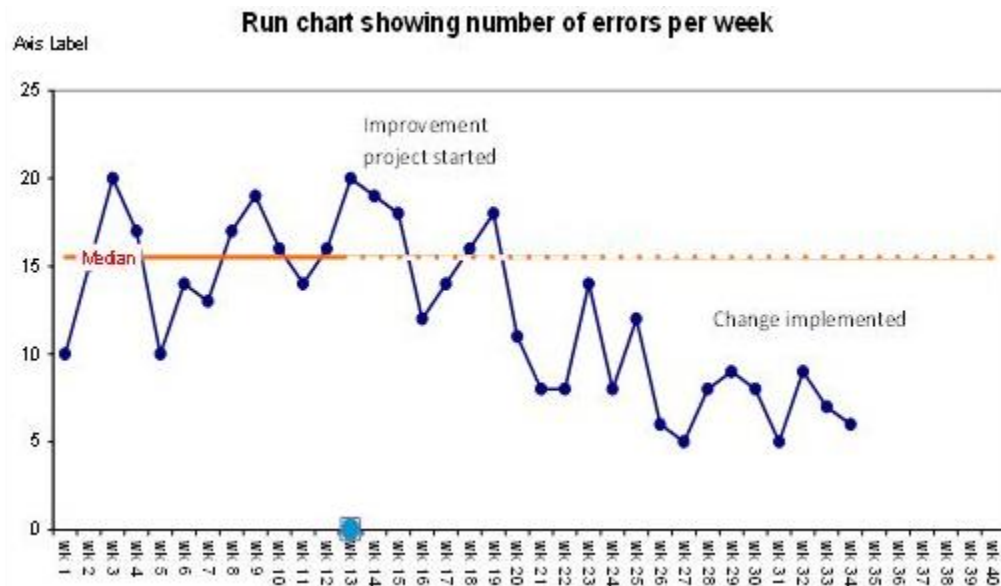
Quality Management System

- **Planning** – understanding current position and population need
- **Improving** – using method to understand system and test changes
- **Maintaining** – monitoring performance over time



Maintaining quality

No of hand scratches per week

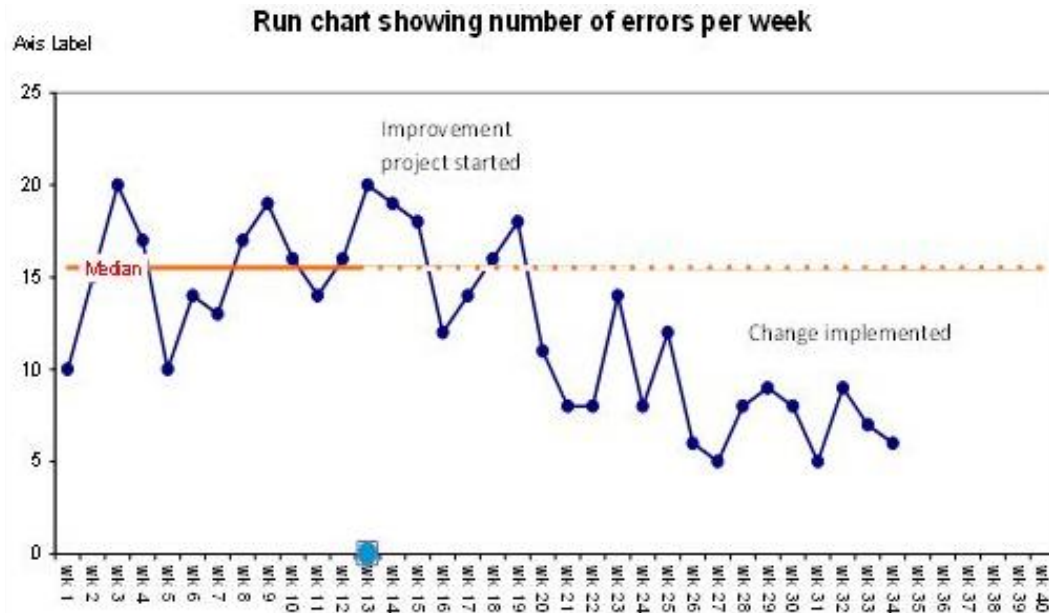


Improved system but
harm still occurring

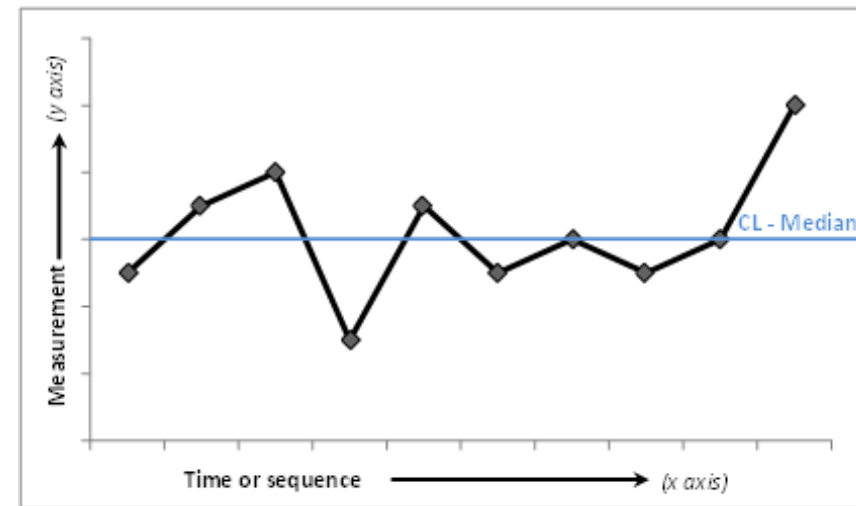
But gloves
work??

Maintaining quality: data helps understand system

- No of scratches per week
(outcome measure)

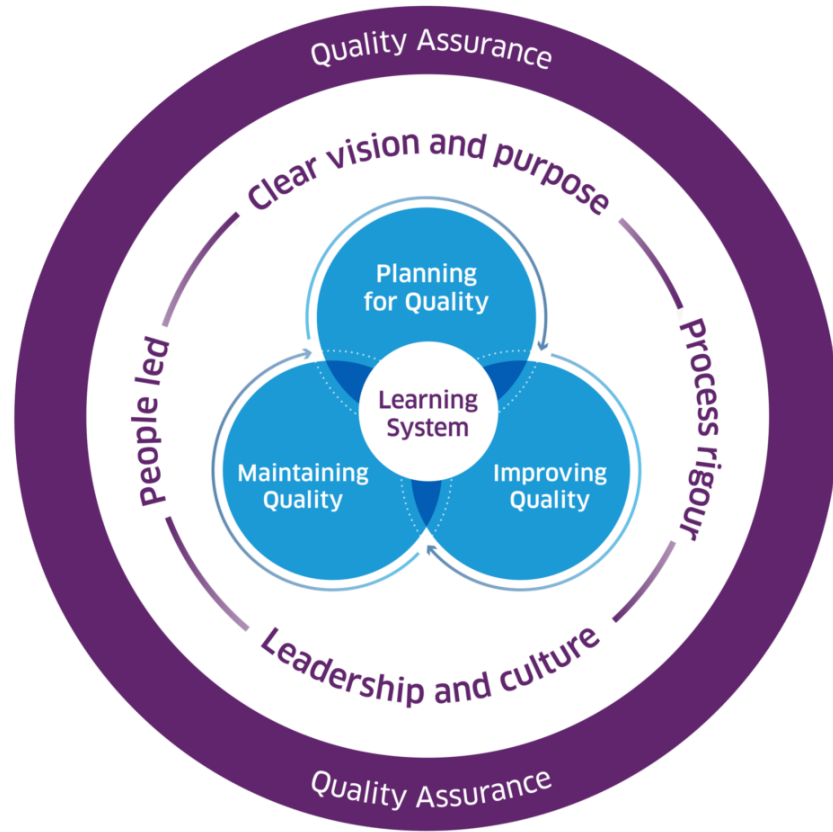


- Glove use when putting cat out (%)
(process measure)



Wear the gloves!!!
Education / policy / something else...?

Quality planning: acceptable level of performance?



- Aim for further 50% reduction in scratches per week by end of year.
- Understand our system – CSAT analysis tool
- Bring all stakeholders (members of family) in

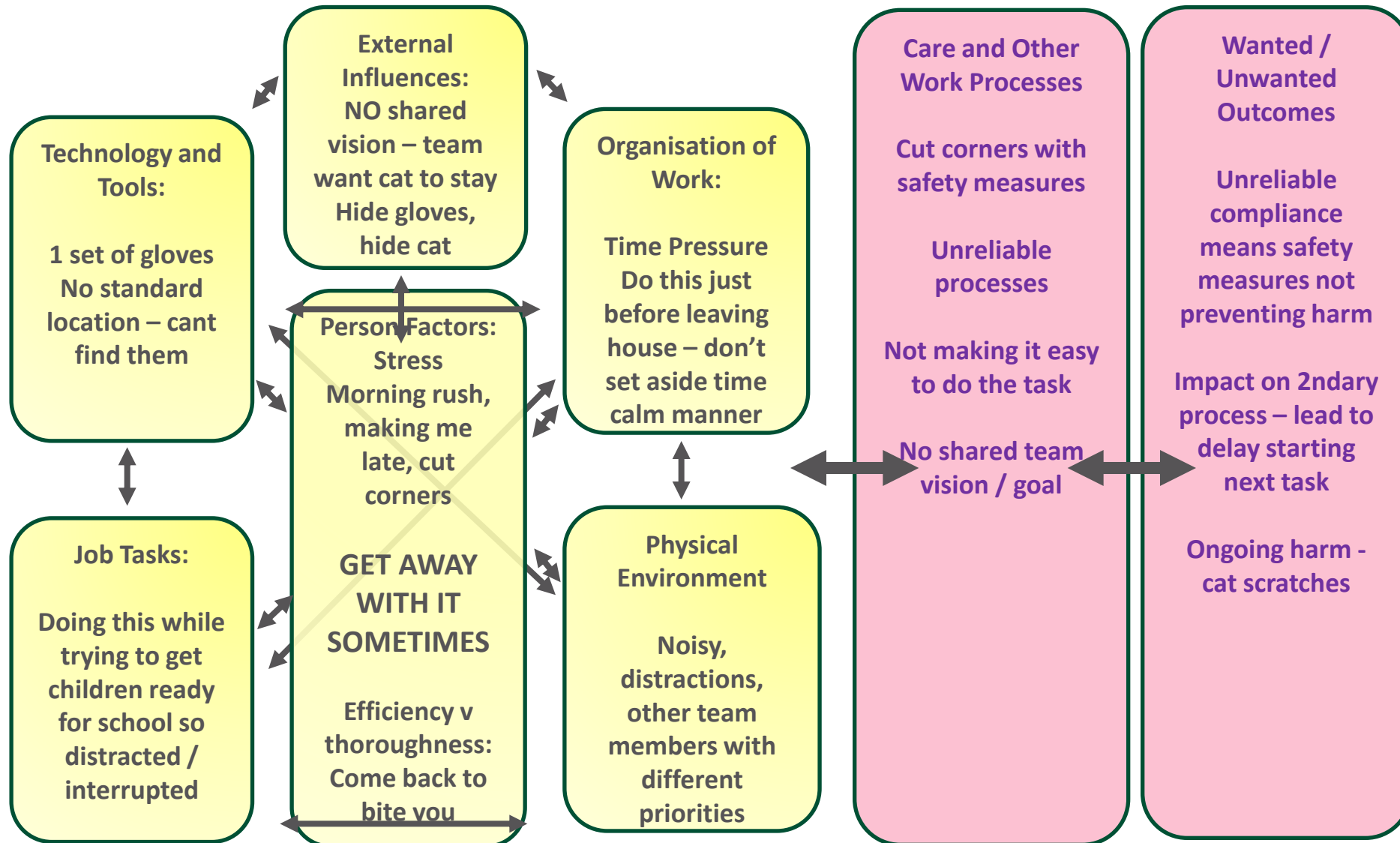
Care System Analysis Tool (CSAT)



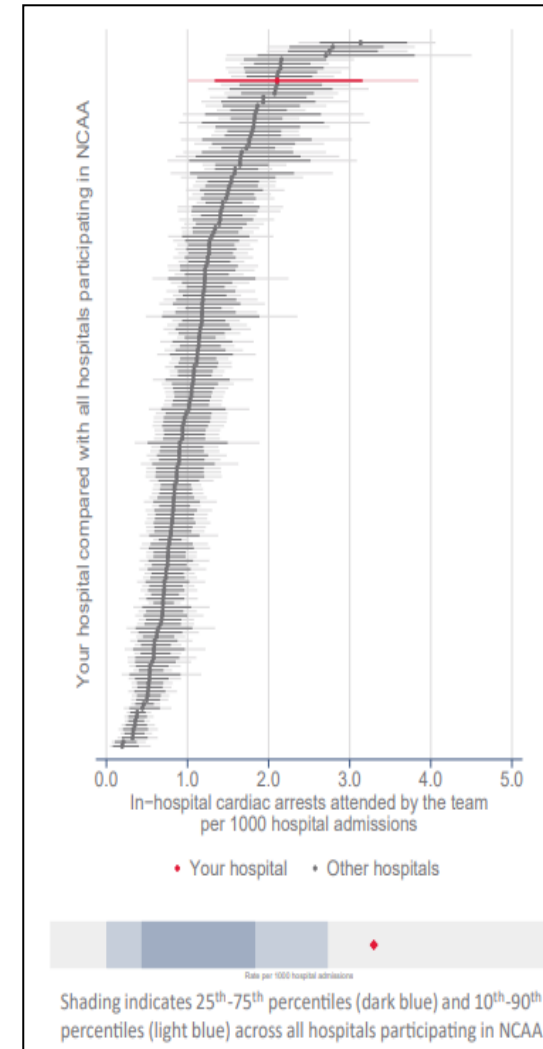
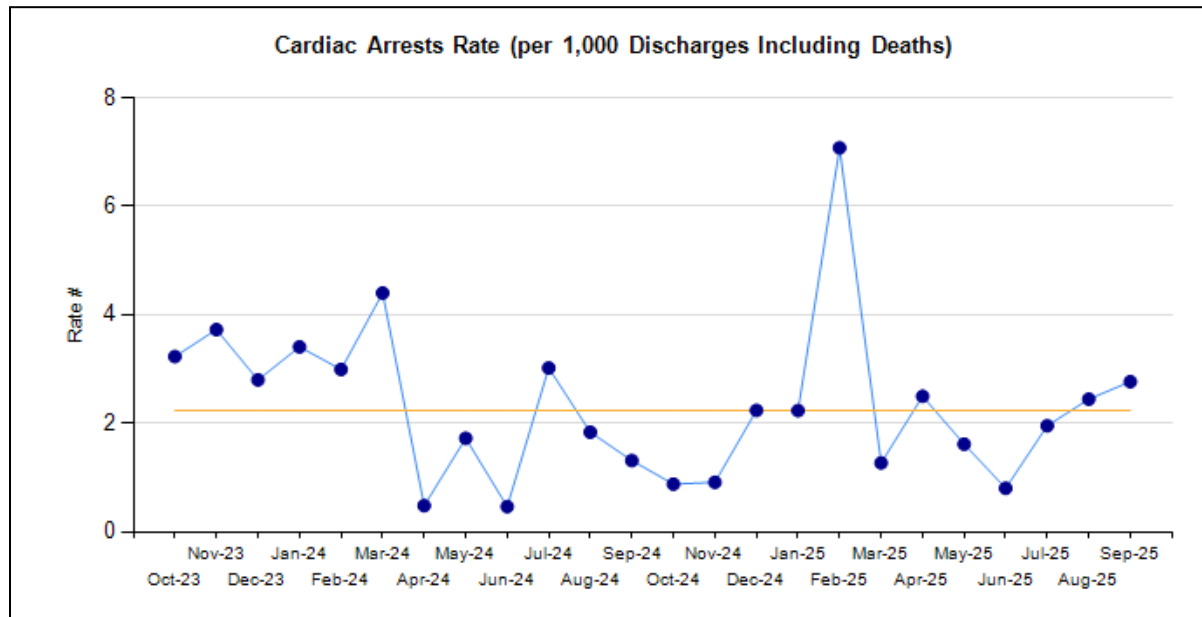
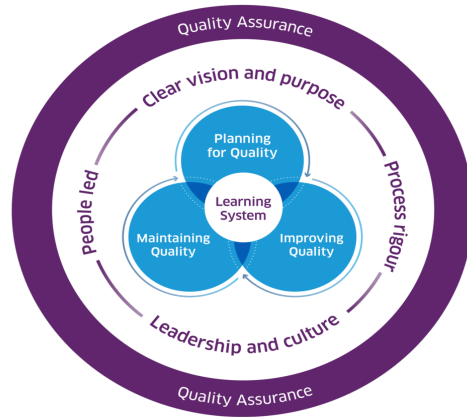
Work System Design Issues (e.g. Facilitators or Barriers)

Care Process

Outcomes

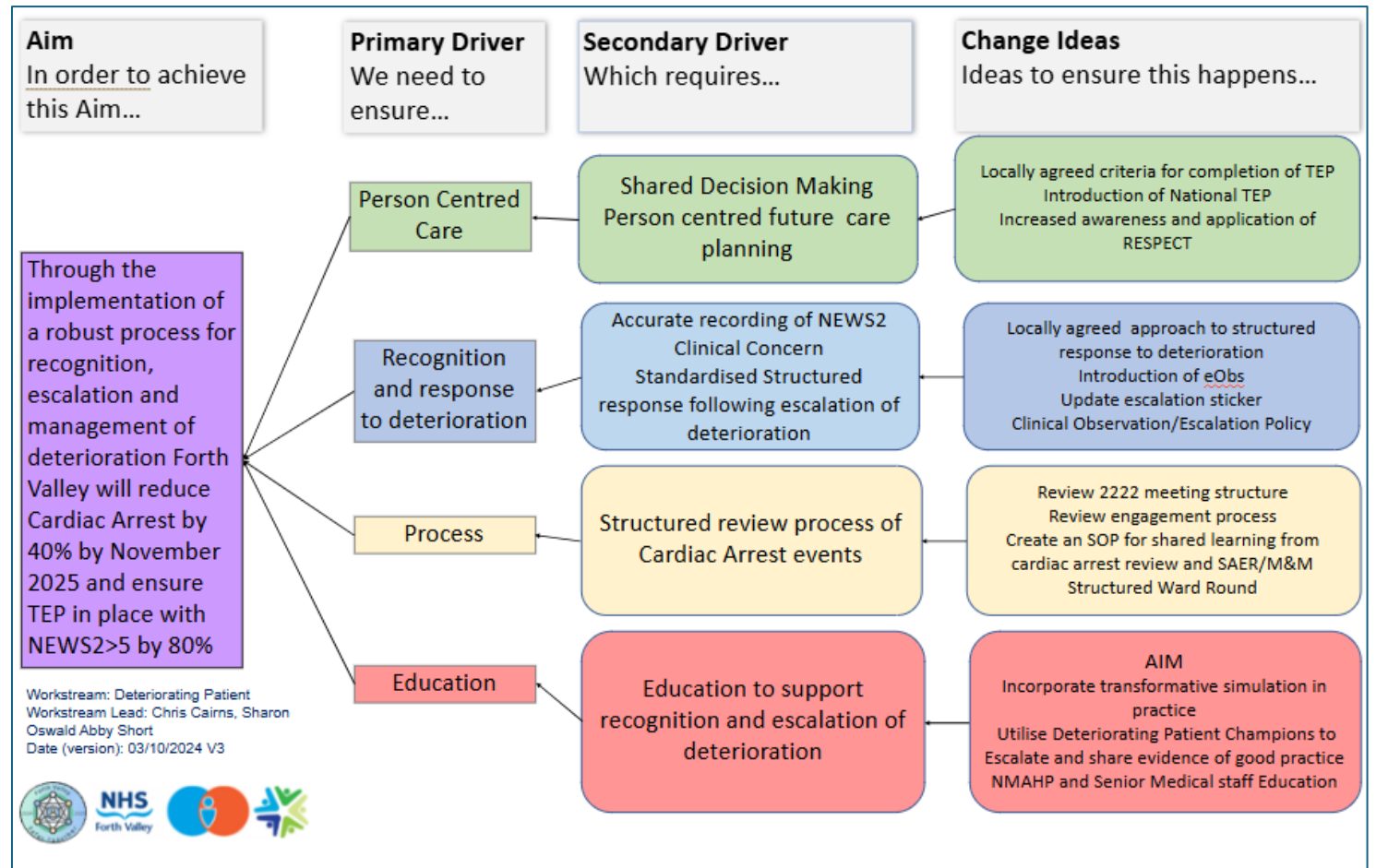


Cardiac Arrests in Forth Valley



Quality planning

- Aim – Reduce cardiac arrest rate by 40% by Nov 25
- Safer Together collaborative 2024-25
- Senior leadership and QI support



Quality Improvement

Test teams / Leads and Change Ideas

Change Idea

Embed a reliable escalation process within AMU

Introduce National TEP document

Introduce National TEP document

Introduce National TEP document

Embed a reliable process for escalation and response to the deteriorating patient

Embed a reliable process for escalation and response to the deteriorating patient

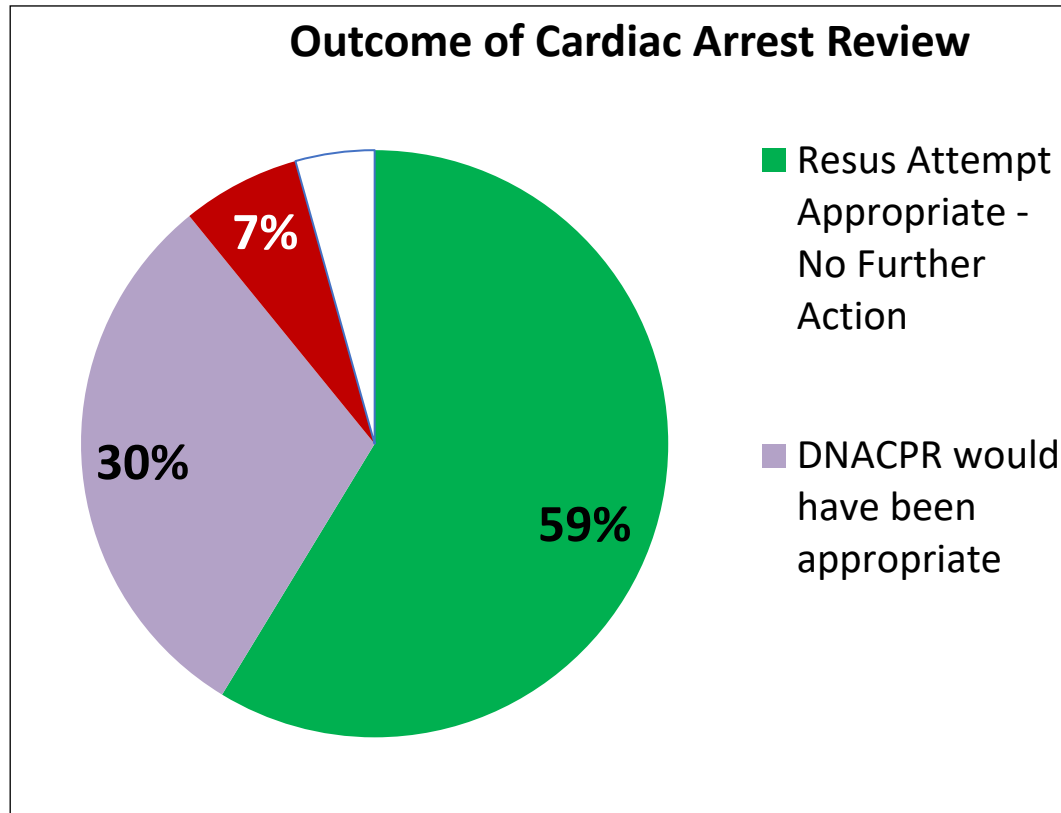
Embed a reliable process for escalation and response to the deteriorating patient

Embed a reliable process for escalation and response to the deteriorating patient

Improving the process from sharing learning from cardiac arrests

Learning system

Structured review of cardiac arrests



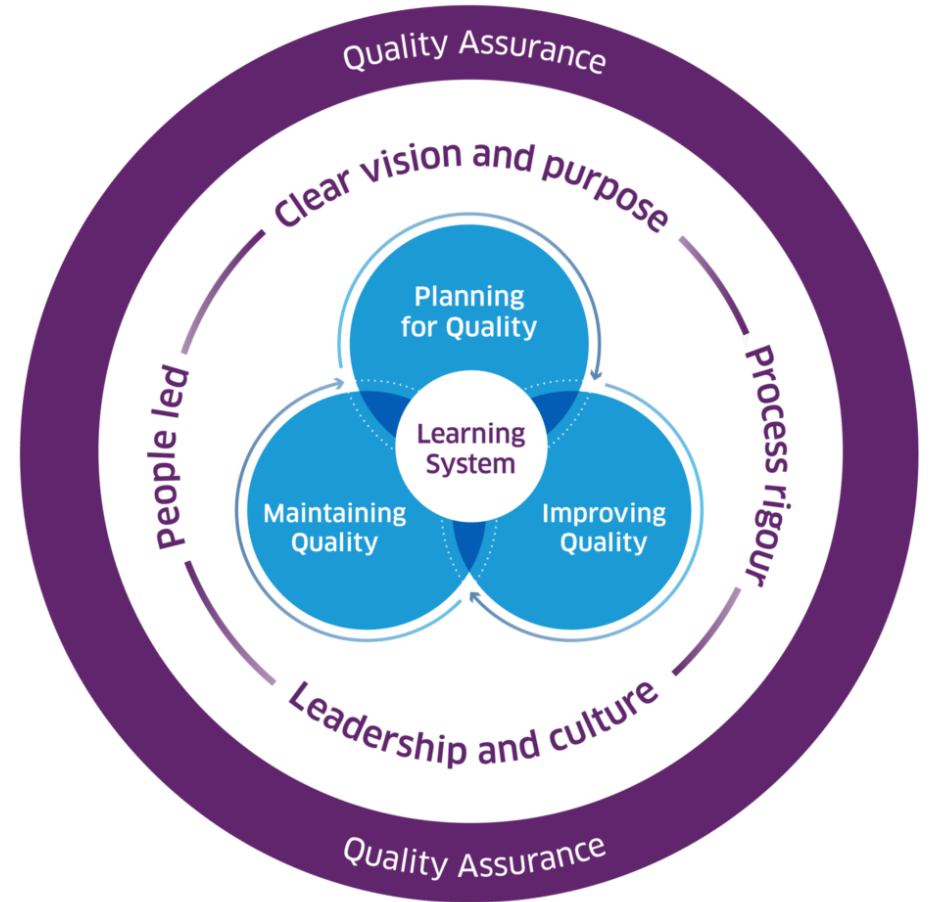
MDT review of last 7 days cardiac arrests.

Cardiac arrest outcomes categorised:

- Appropriate CPR attempt
- Need to recognise and escalate deterioration
- DNACPR would have been appropriate
- DNACPR in place but CPR attempted

Quality planning

- Aim: have no resus attempts for patients with DNACPR form
- Understand system? How does that happen?
- Education / policy / something else?
- Casenote review – 13 cases
- Phoned a friend....



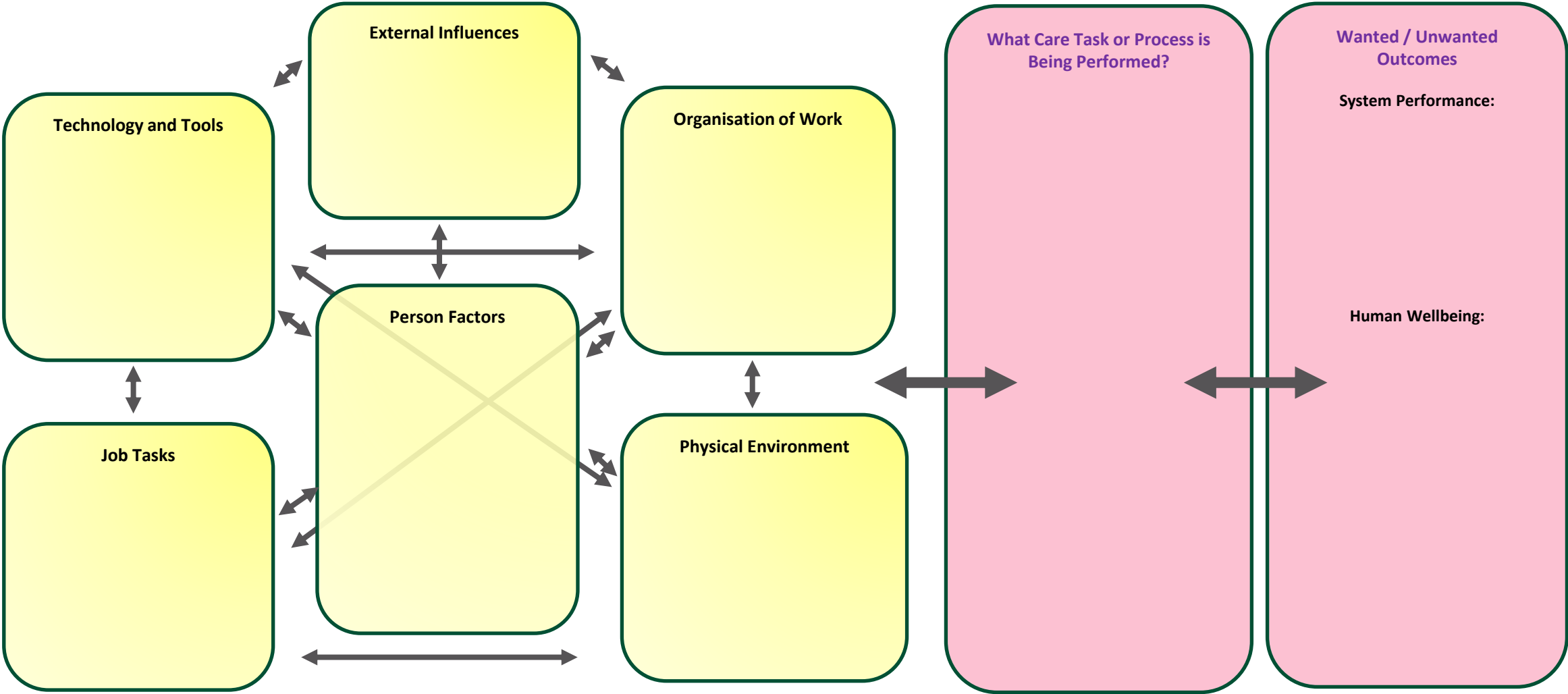
Care System Analysis Tool (CSAT)



Work System Design Issues (e.g. Facilitators or Barriers)

Care Process

Outcomes



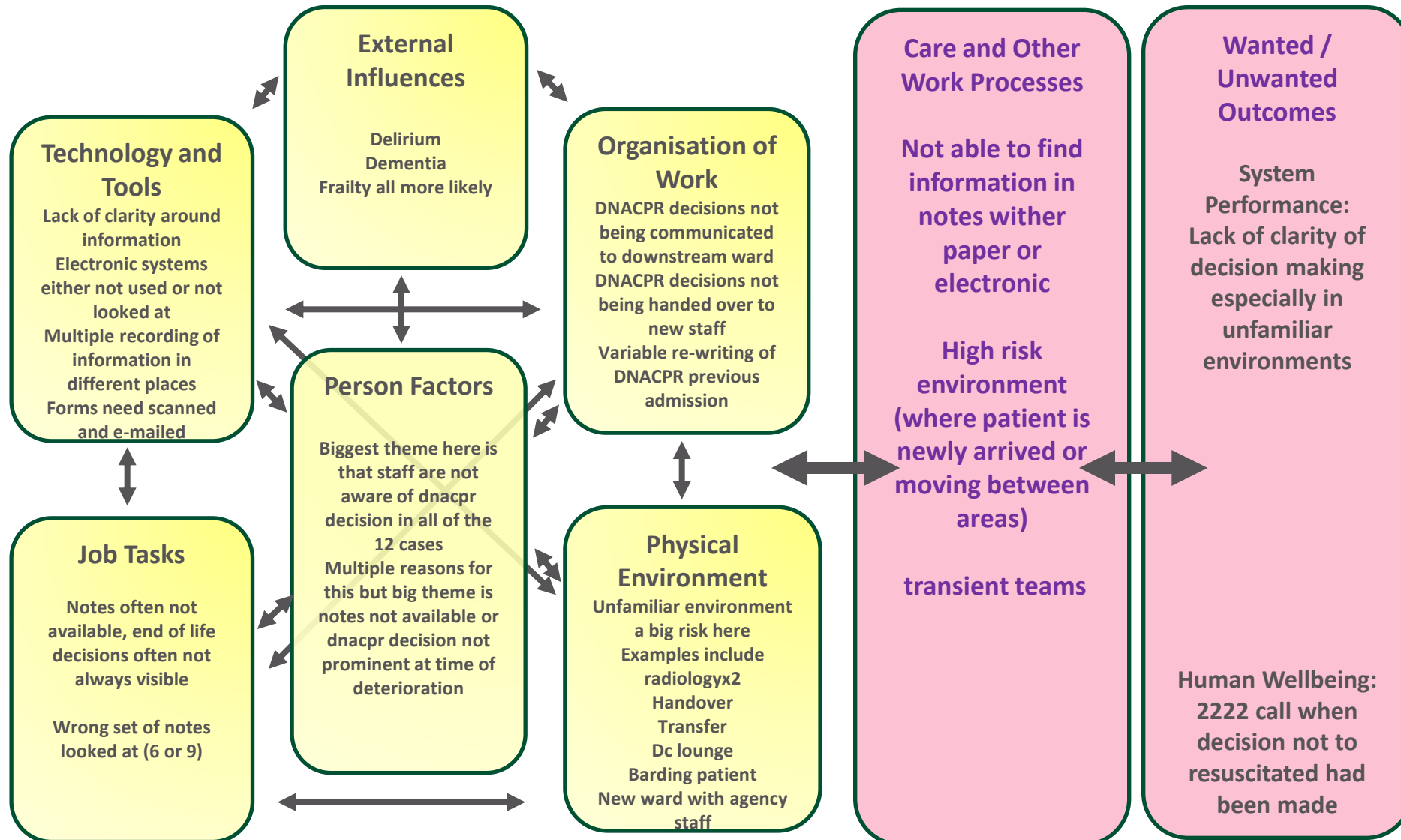
Care System Analysis Tool (CSAT)



Work System Design Issues (e.g. Facilitators or Barriers)

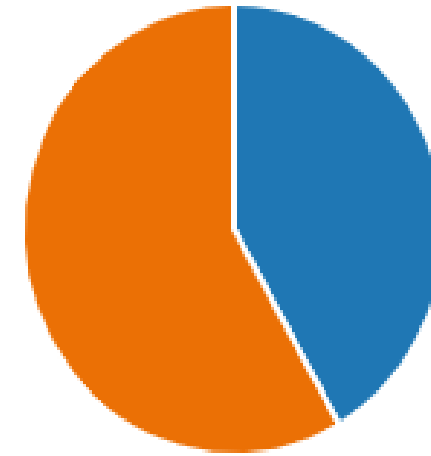
Care Process

Outcomes



Was DNACPR form completed on previous admission and not in notes?

● Yes	5
● No	7
● Other	0



Was DNACPR in notes but staff not aware?

● Yes	7
● No	5
● Other	0



Analysis from CSAT exercise

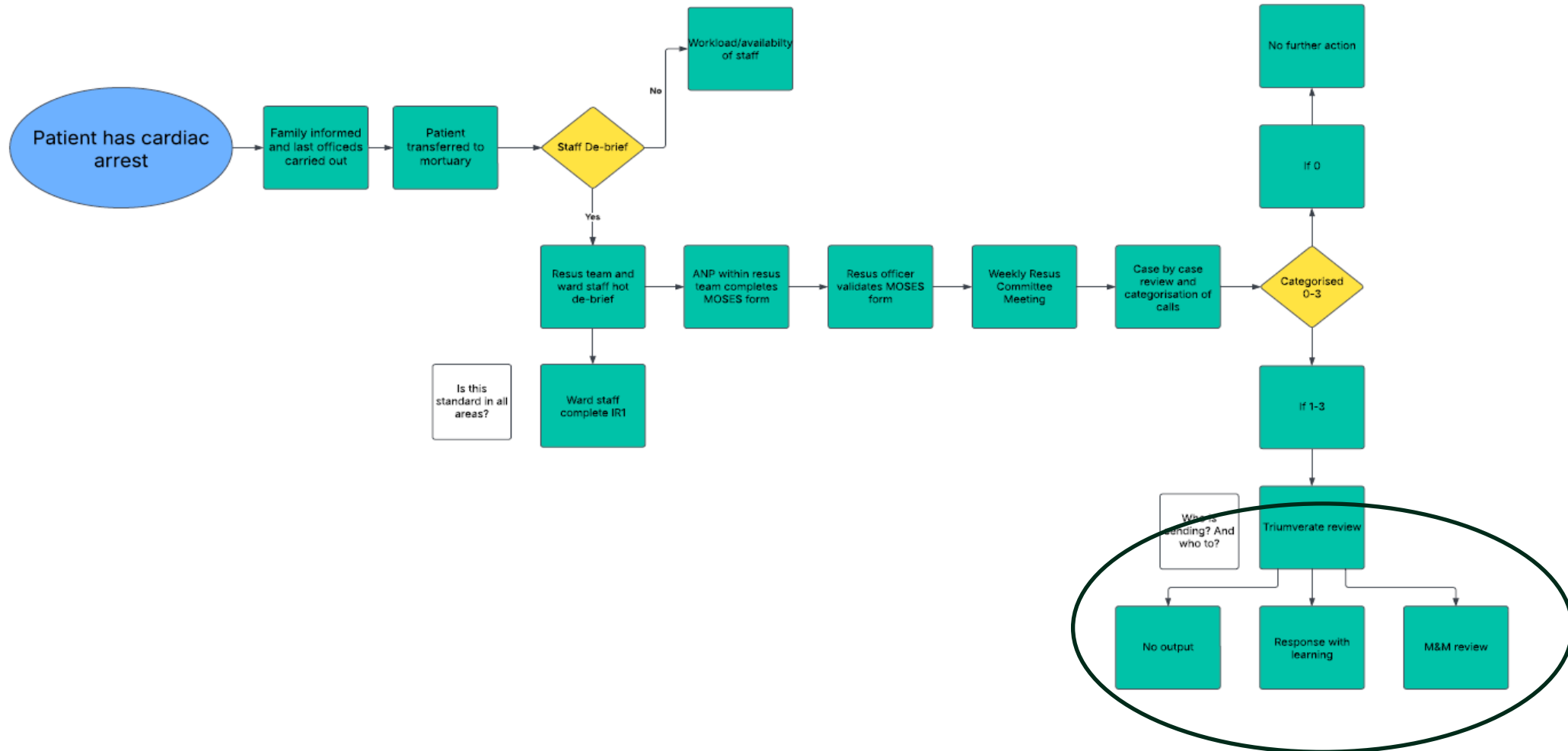
- Detail that may well not have found
- System issues with switch from paper to electronic system
- System issues with form validity and policy
- Handover / communication issues (eg radiology / discharge lounge) between wards
- Handover within wards
- Process complicated (scanned / e-mailed / uploaded)
- Lack of clarity with regards to completing new forms on admission (electronic to paper)

Quick wins post CSAT tool

- Notes going with patients to radiology / discharge lounge
- Including DNACPR status / form in place in handovers (within and between wards)
- Some issues more challenging to address, short life working group

Learning System – are we learning?

The process of reporting following cardiac arrest to SAER



Learning System?

- Learning from 12 cases pre CSAT
- Governance variation – 2 cat 1, 4 cat 2, 2 cat 3s – no SAER, no apologies
- Problem could have been ID'd earlier, but cardiac arrest meetings helped flag, and CSAT helped
- Culture / learning system –

Are senior leaders aware?

Have we learned?

SAER / duty of candour?

Open and transparent?

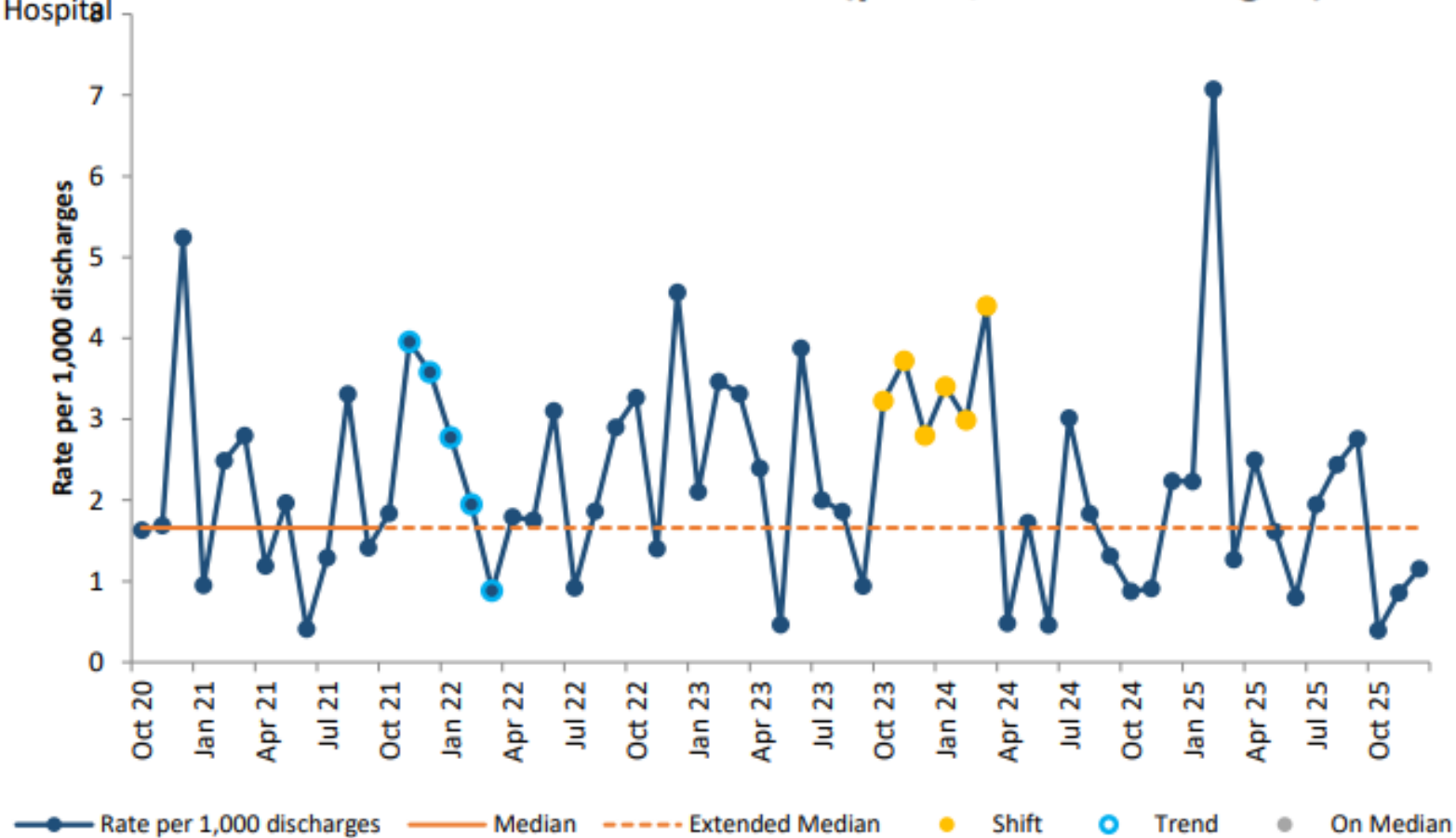
M and M process



How are we doing post collaborative?

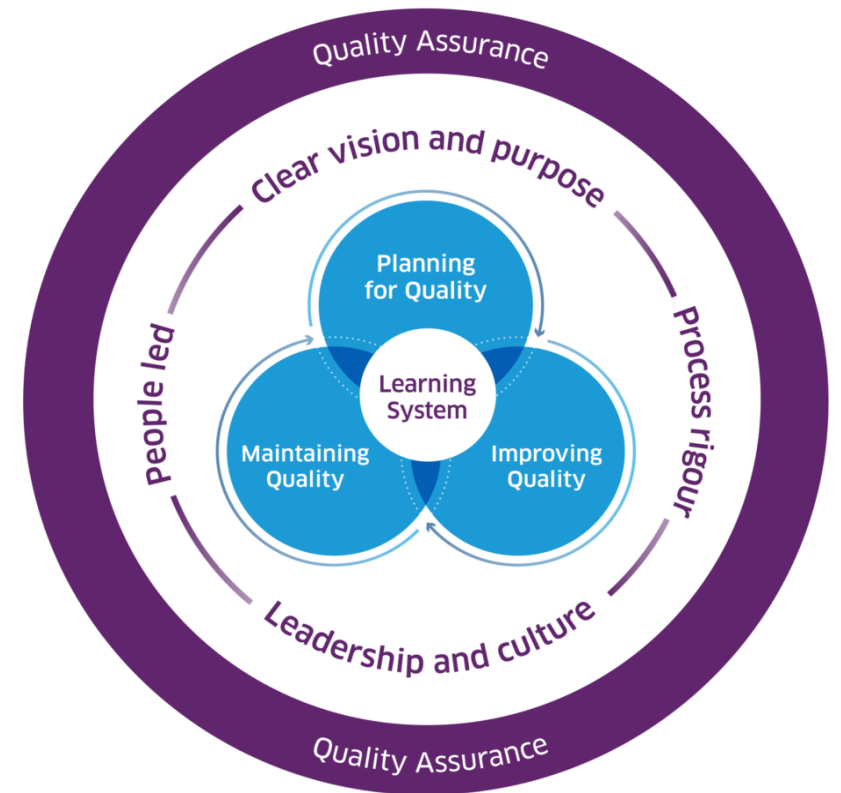
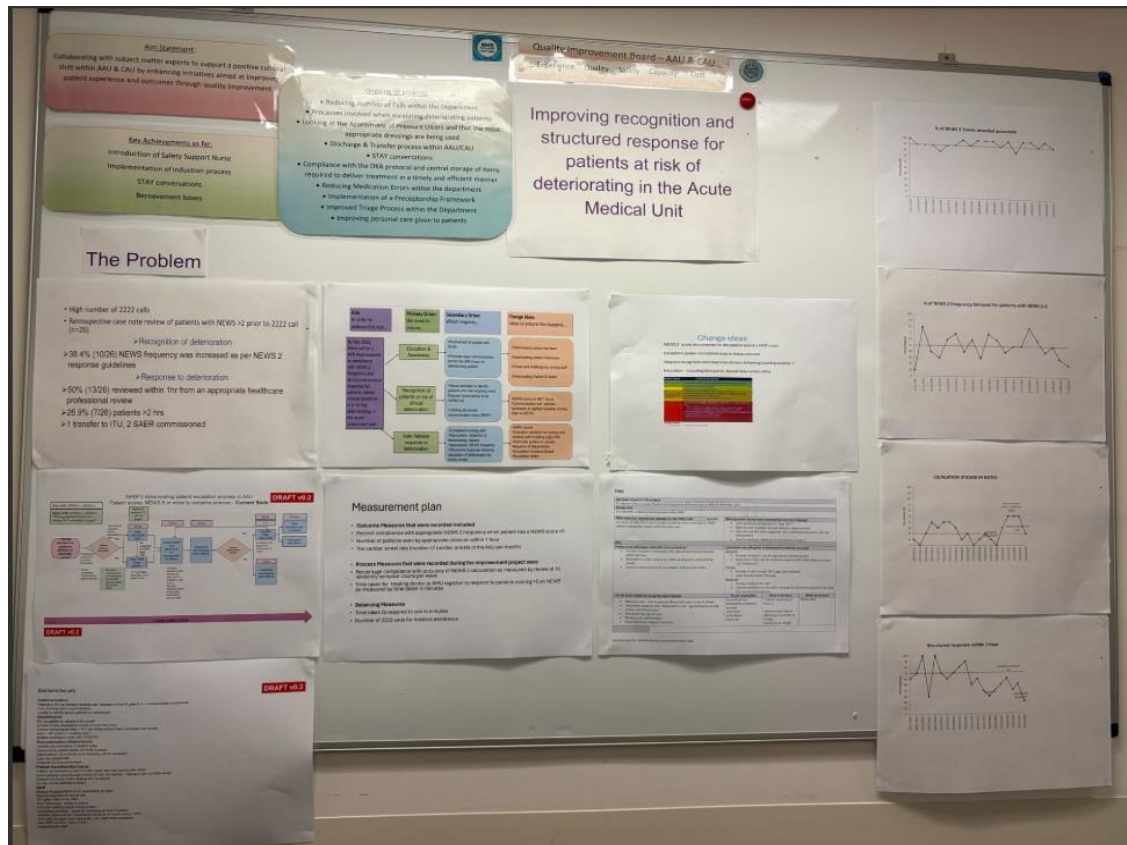
NHS Forth Valley
Forth Valley Royal
Hospital

Rate of cardiac arrests (per 1,000 discharges)



Enablers of change

Leadership and culture AMU QI board

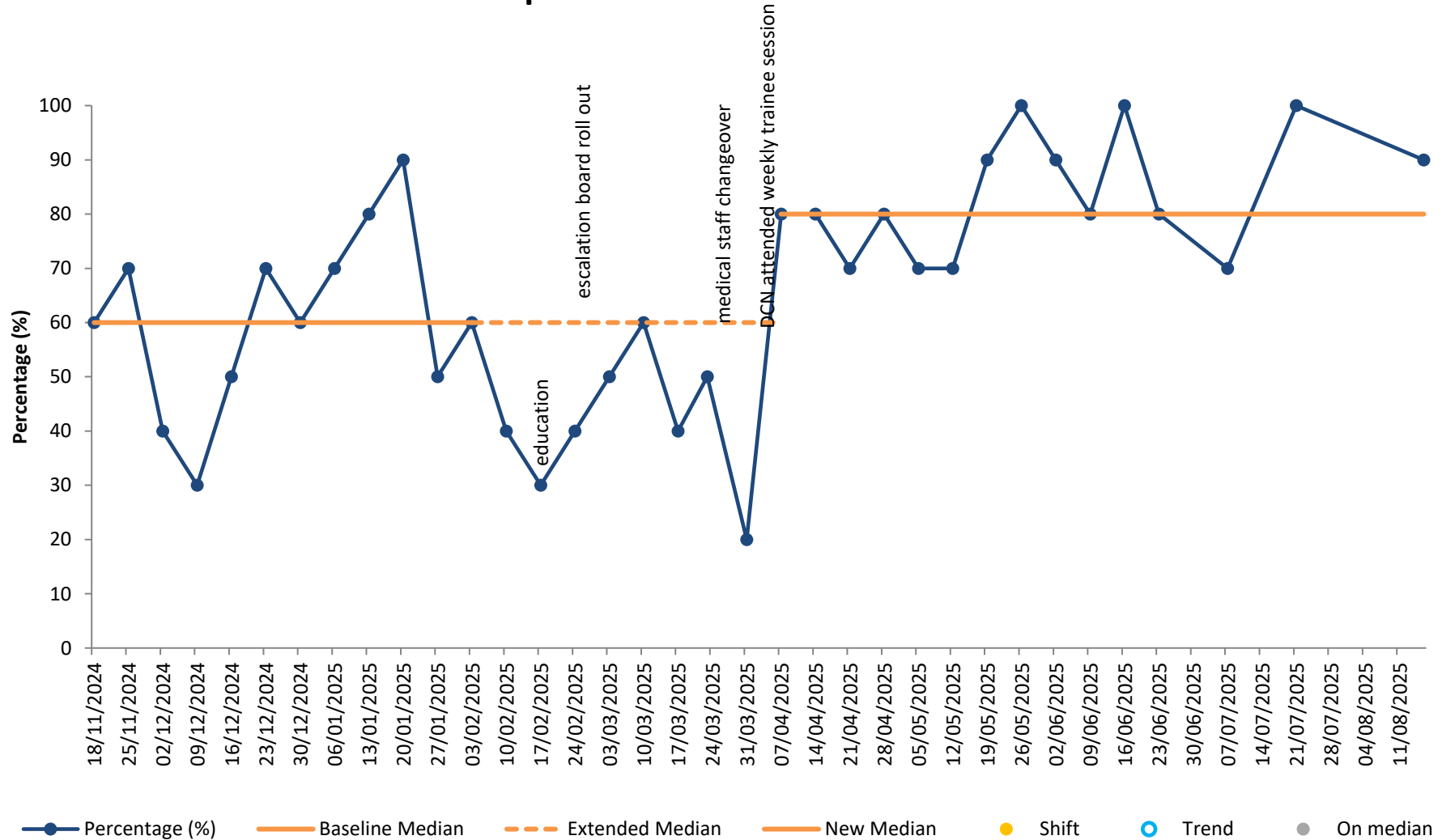


Process measures

Escalation sticker in the notes

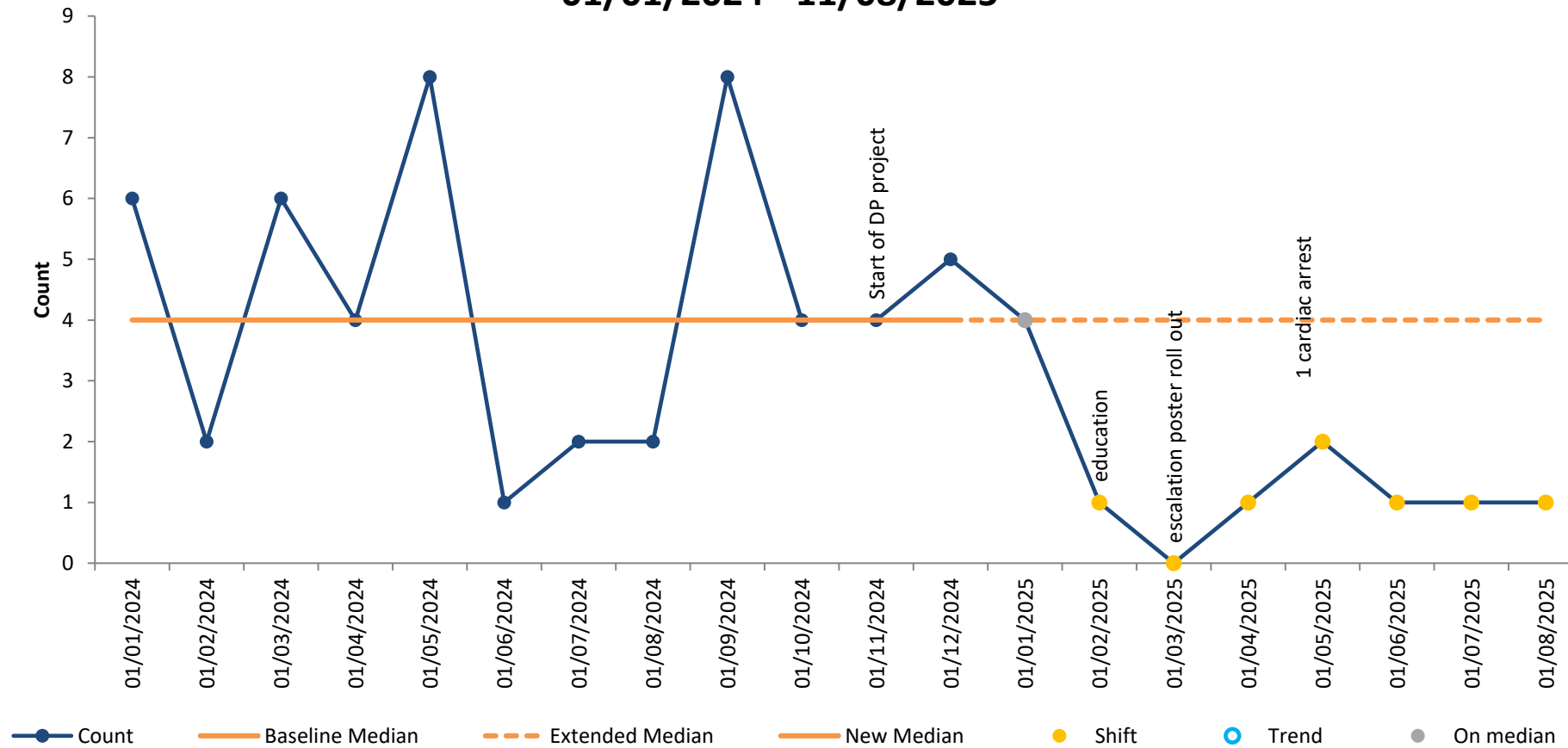


Structured response within 1 hour



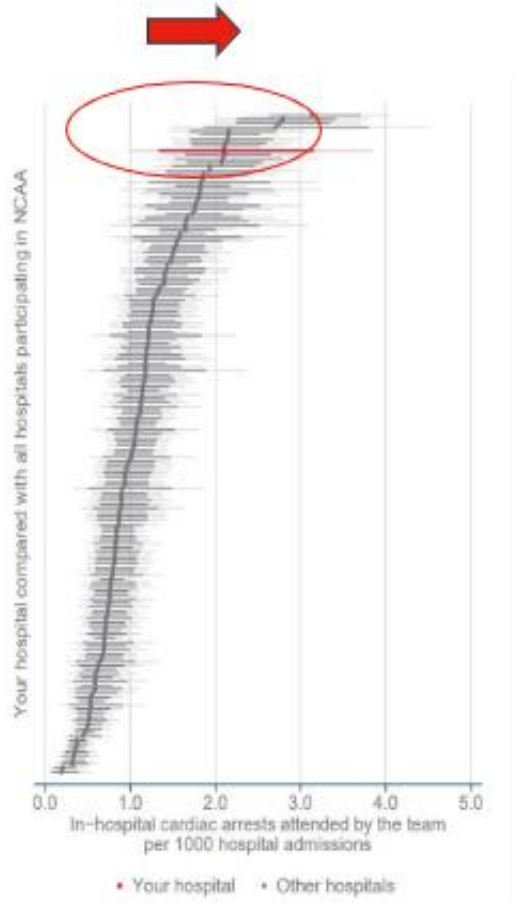
Outcome measures

No of 2222 calls for patients scoring >5 on the NEWS 2 pror to the call
01/01/2024 - 11/08/2025



National Cardiac Arrest Audit Data

Rate of cardiac arrests per 1000 hospital admissions



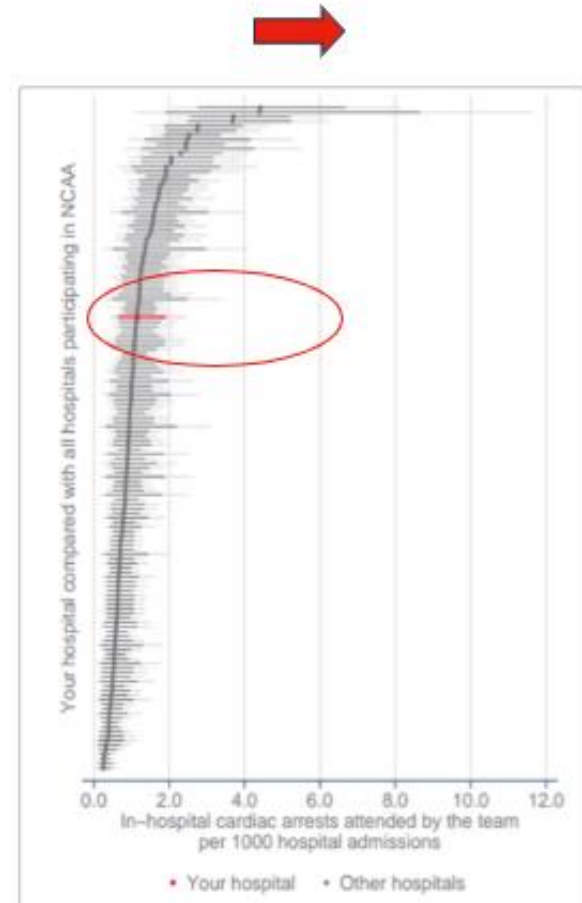
Shading indicates 25th-75th percentiles (dark blue) and 10th-90th percentiles (light blue) across all hospitals participating in NCAA

Forth Valley Royal Hospital NCAA Report: 1 April 2022 to 31 December 2022



Shading indicates 25th-75th percentiles (dark blue) and 10th-90th percentiles (light blue) across all hospitals participating in NCAA

Forth Valley Royal Hospital NCAA Report: 1 April 2024 to 31 December 2024

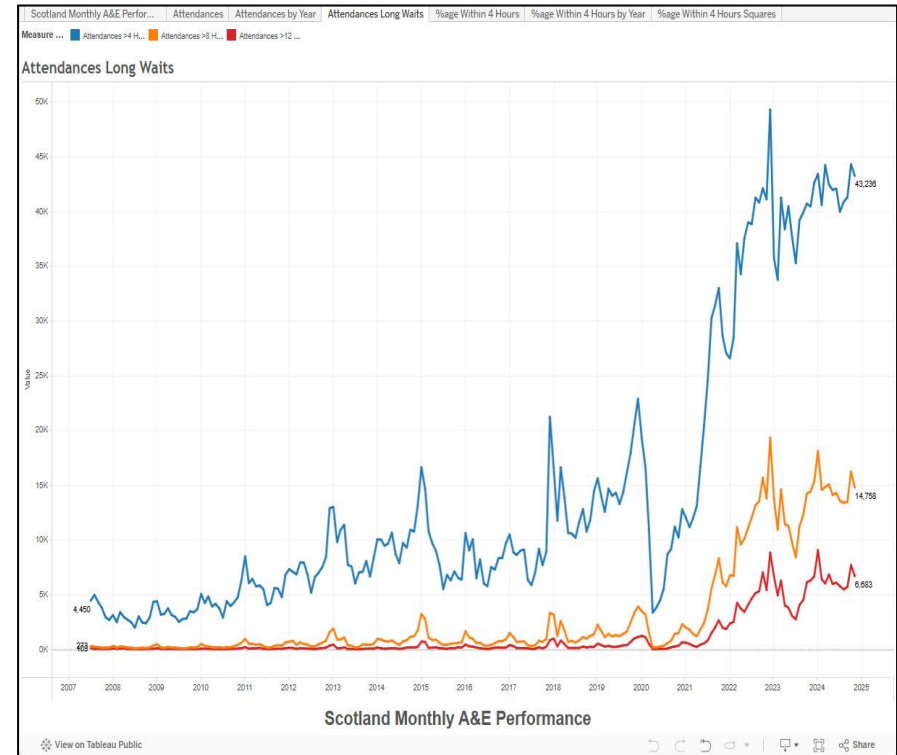


Shading indicates 25th-75th percentiles (dark blue) and 10th-90th percentiles (light blue) across all hospitals participating in NCAA

Forth Valley Royal Hospital NCAA Report 1st April 2025 to 30 June 2025

Det Pat maintaining quality

- Outcome measures - Cardiac Arrest Rate
- Process Measures – look for changes
- Case reviews
- Staff and patient / carer feedback
- Complaints / SAERs / M and M

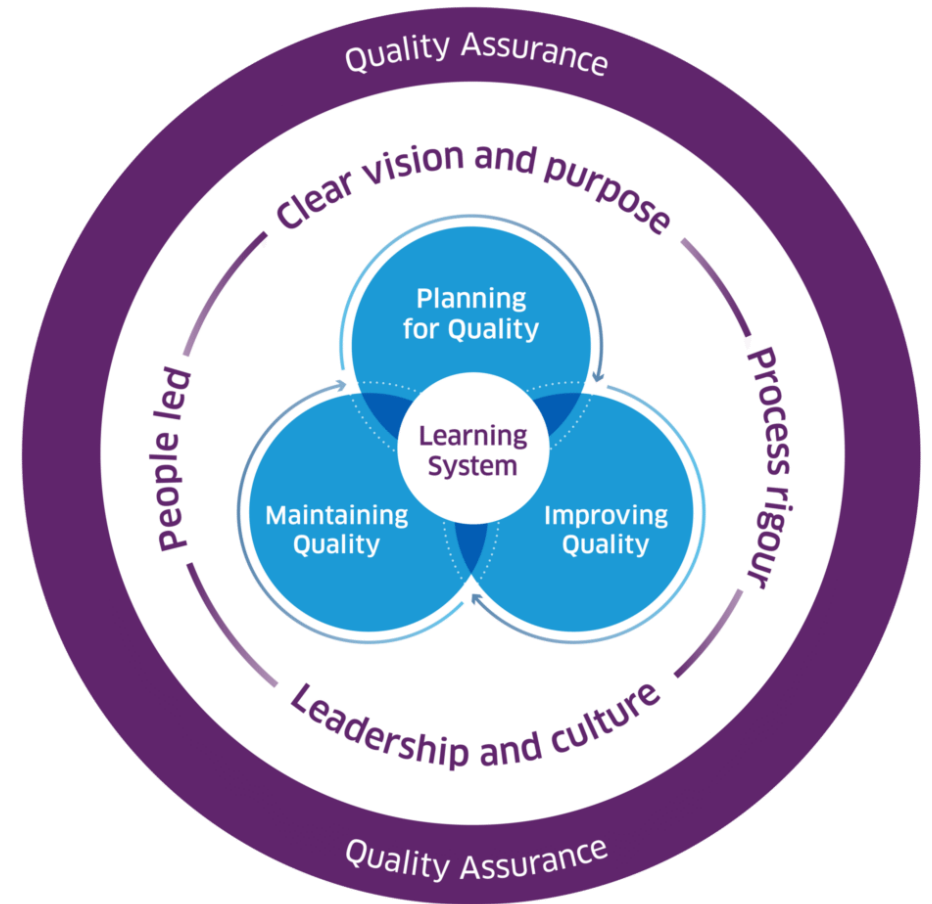


[Association between delays to patient admission from the emergency department and all-cause 30-day mortality | Emergency Medicine Journal](#)

1 death for every 82 patients waiting over 8 hours

Quality planning – what to focus on?

- Participate in SPSP deteriorating patient / adults in hospital programme
- Treatment escalation planning
- Processes in ED – sepsis/escalation
- Preventing CPR in patients with DNACPR – short life working group
- Learning system



Where does CSAT fit in?

- Understanding system
- Escalating deteriorating patients in ED
- Variation / change in process measure
- Embedding TEP into practice at front line

Summary

- Example of using CSAT tool
- Helps understanding and generate change ideas
- Fits into quality management system
- Help with planning improvement work
- We are all still learning!

Q&A



Julie Mardon

Clinical Director Scottish Centre
Simulation, NHS Forth Valley



Calum McGregor

Clinical Director for Quality,
NHS Forth Valley



Paul Bowie

Programme Director (Safety and
Improvement),
NHS Education for Scotland

Feedback from Falls breakout

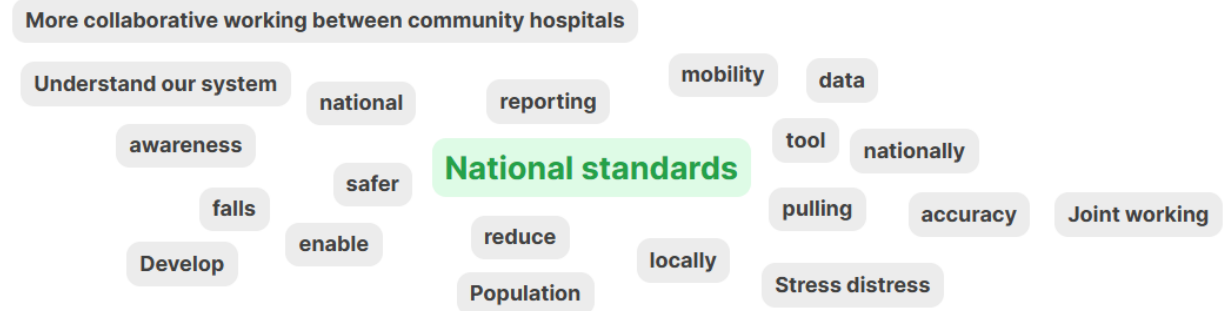
What are the 3 key themes emerging from your discussions?

Review answers 20



What actions or opportunities should we take forward nationally?

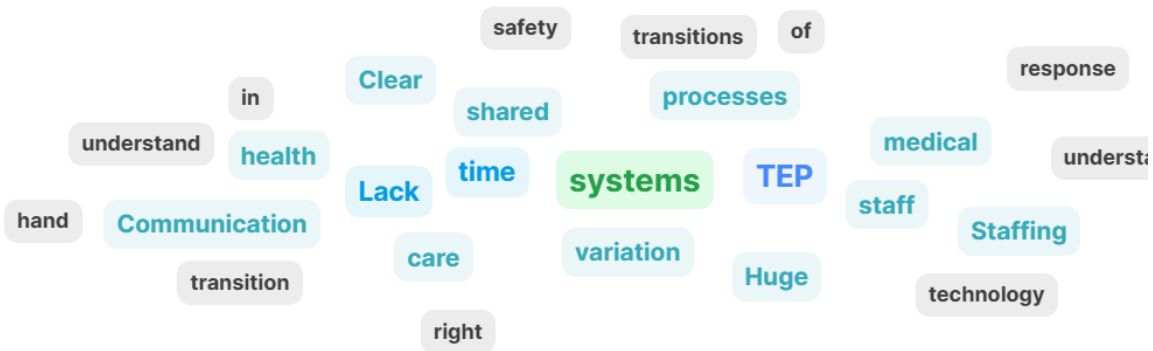
Review answers 15



Feedback from Det Pat breakout

What are the 3 key themes emerging from your discussions?

Review answers 26



What actions or opportunities should we take forward nationally?

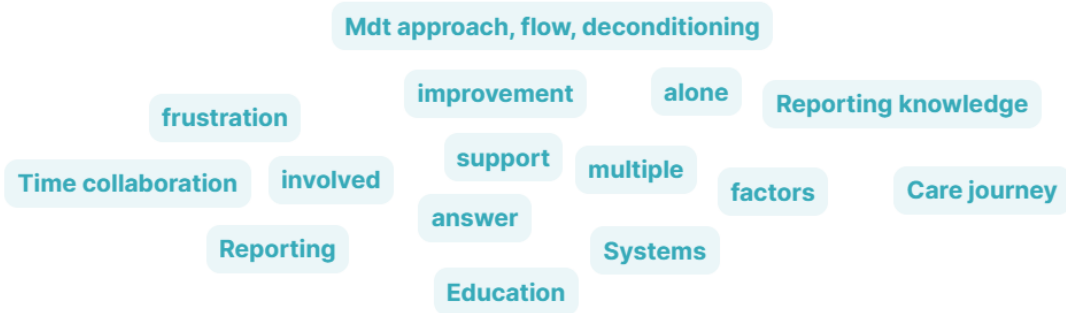
Review answers 23



Feedback from Pressure Ulcers breakout

What are the 3 key themes emerging from your discussions?

Review answers 12



What actions or opportunities should we take forward nationally?

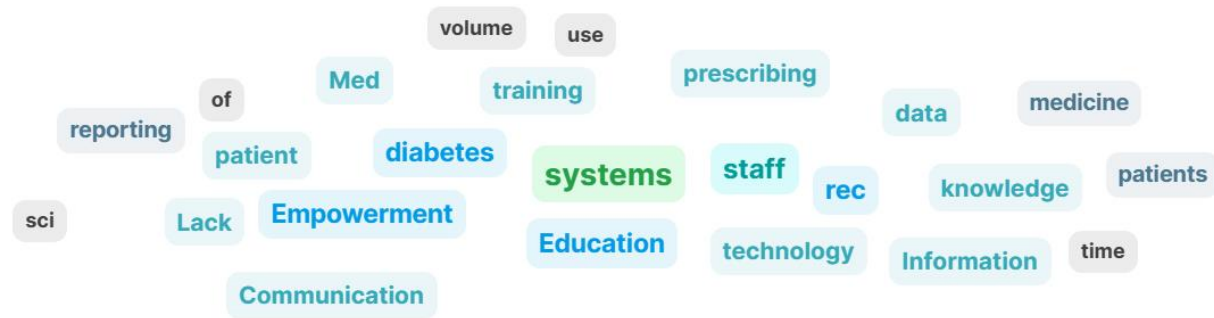
Review answers 9



Feedback from Medicines EWG

What are the 3 key themes emerging from your discussions?

Review answers 37



What actions or opportunities should we take forward nationally?

Review answers 33





Healthcare
Improvement
Scotland



Closing reflections

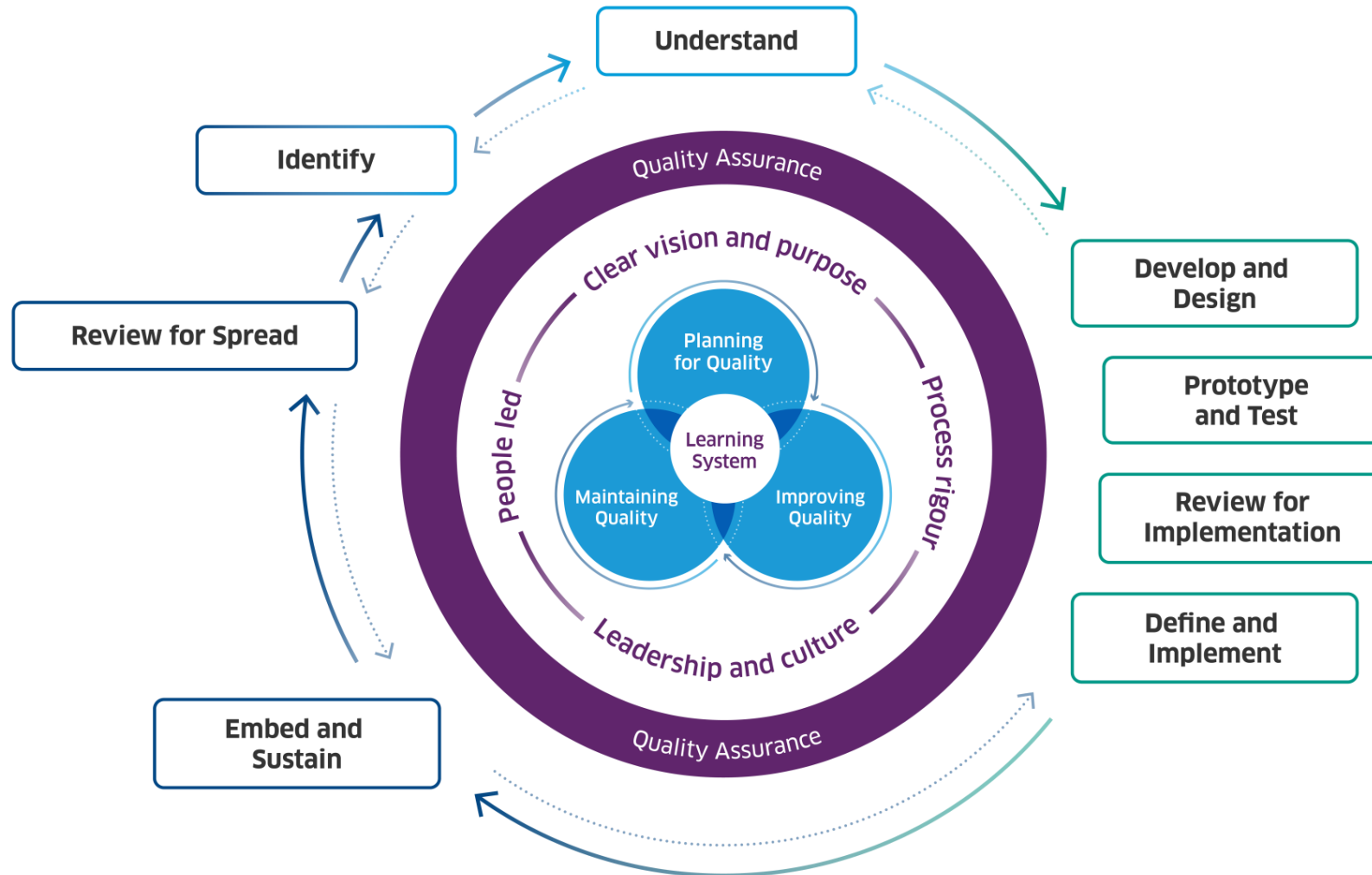
Scottish Approach to Change

Clare Morrison

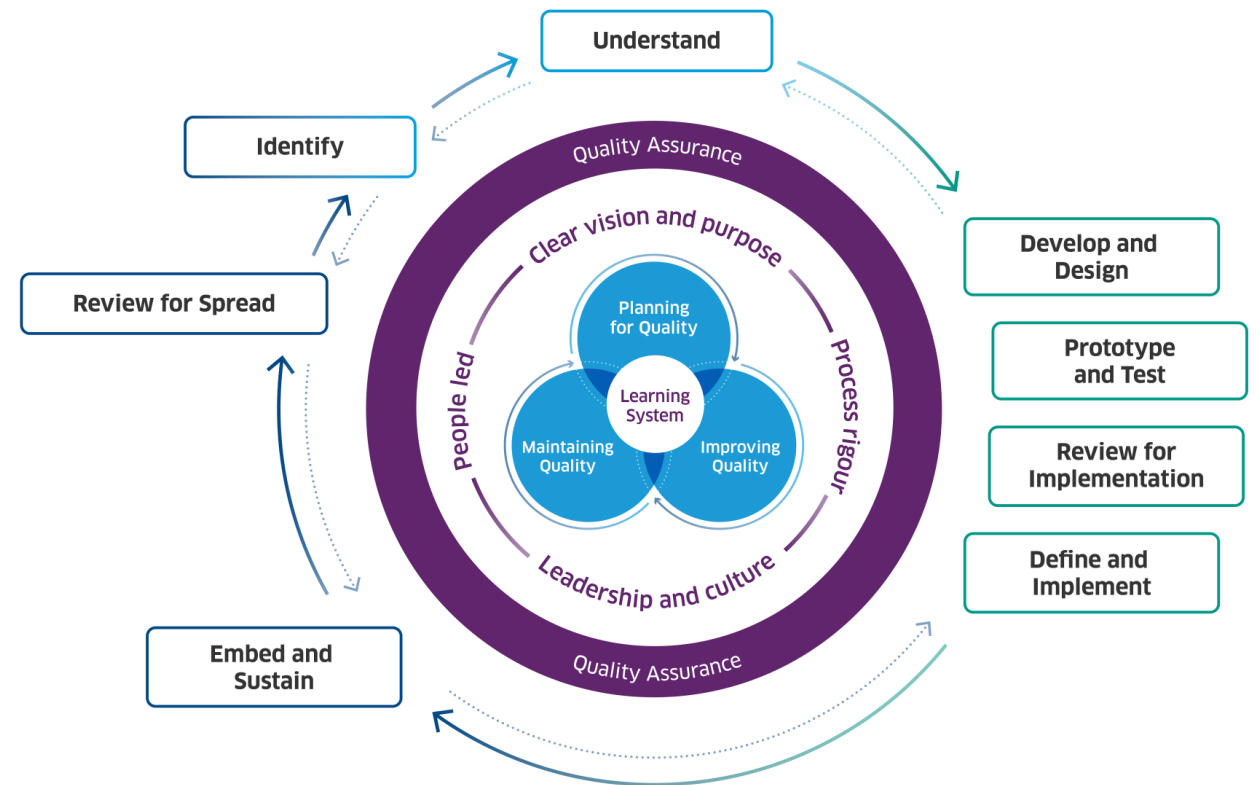
Director of Engagement and Change,
Healthcare Improvement Scotland



Reflecting together



Reflecting together





Healthcare
Improvement
Scotland



Reflections

Jo Matthews

Associate Director of Improvement and Safety,
Healthcare Improvement Scotland



MS Teams channel/ learning system

HIS SPSP Adults in Hospital MS
Teams Channel Registration Form

