



NOW

TOMORROW

YESTERDAY

The Journey So Far

“Industrial Thinking”



Output focused

Safety = reliability

Bureaucratic constraint

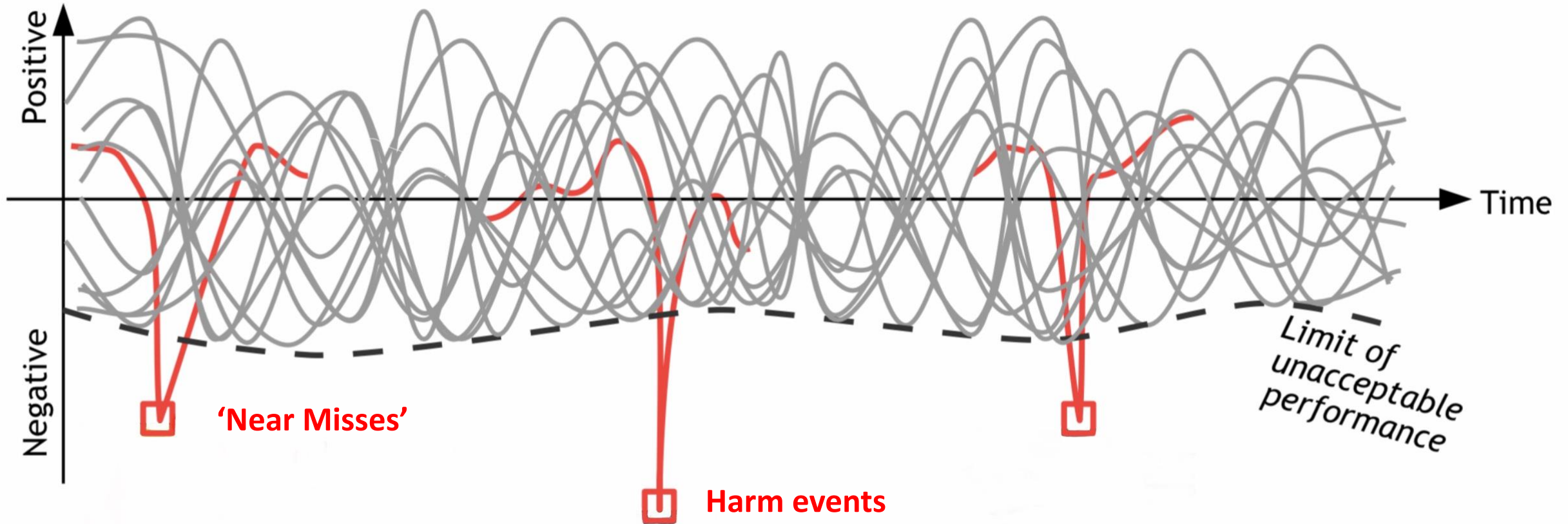
People as components or product

Communication as transmission

The Aim of Safety

*That as few things as possible go **wrong***

No harm, no problem



We make things brittle...

when we don't understand the sources of
Adaptability and **Innovation**



Safety = Reliability



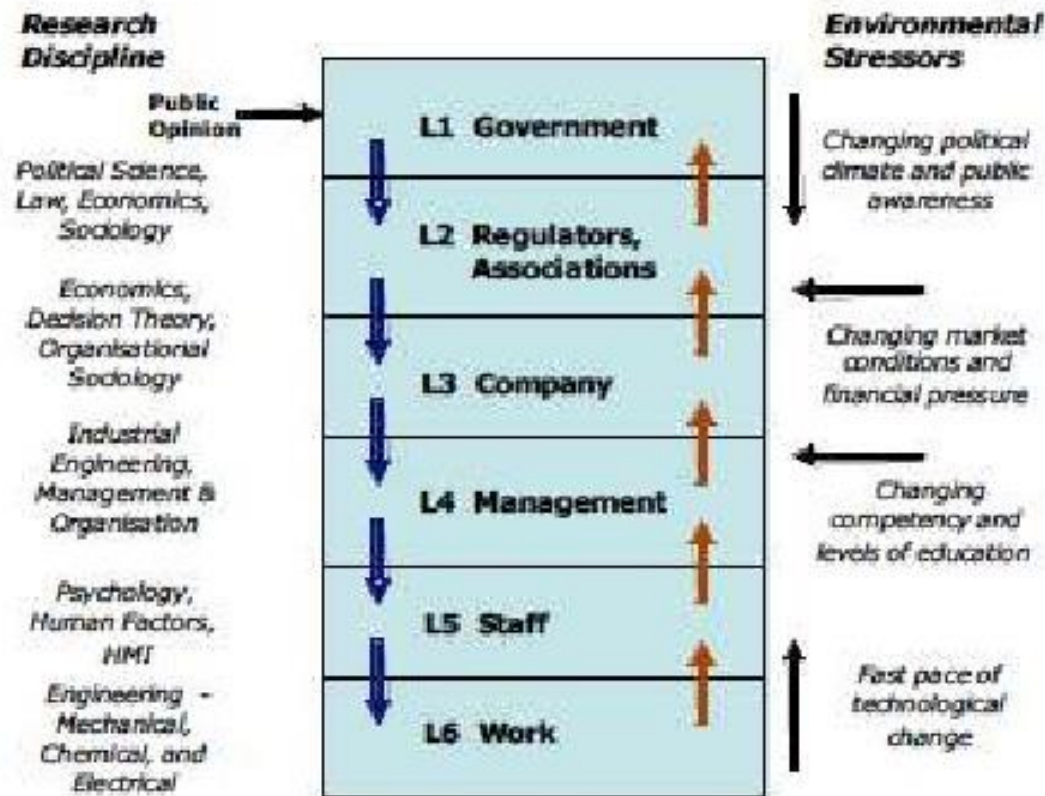
“Bureaucratic Safety”



- Proceduralised approaches to safety
- The demands of ‘bureaucratic closure’
- Rituals of verification e.g. audit

HIERARCHICAL MODEL OF SOCIO-TECHNICAL SYSTEMS

Blind to the Wider Influences



'You can't-- there's a certain there's a certain altitude you can go to and then you can go no further. You certainly can't say, "Well, this is all because the CEO didn't decide to invest X number of health bucks in... promulgating a just culture in the organization". You certainly couldn't have ever said that.'

(Rasmussen, 1997)

An illustration of a person with dark hair, wearing a purple t-shirt and blue pants, sitting on the floor with their head down. Four hands of different colors (purple, blue, teal, and pink) are pointing towards the person from the top, left, and right. The background is a light pink circle.

Could have...

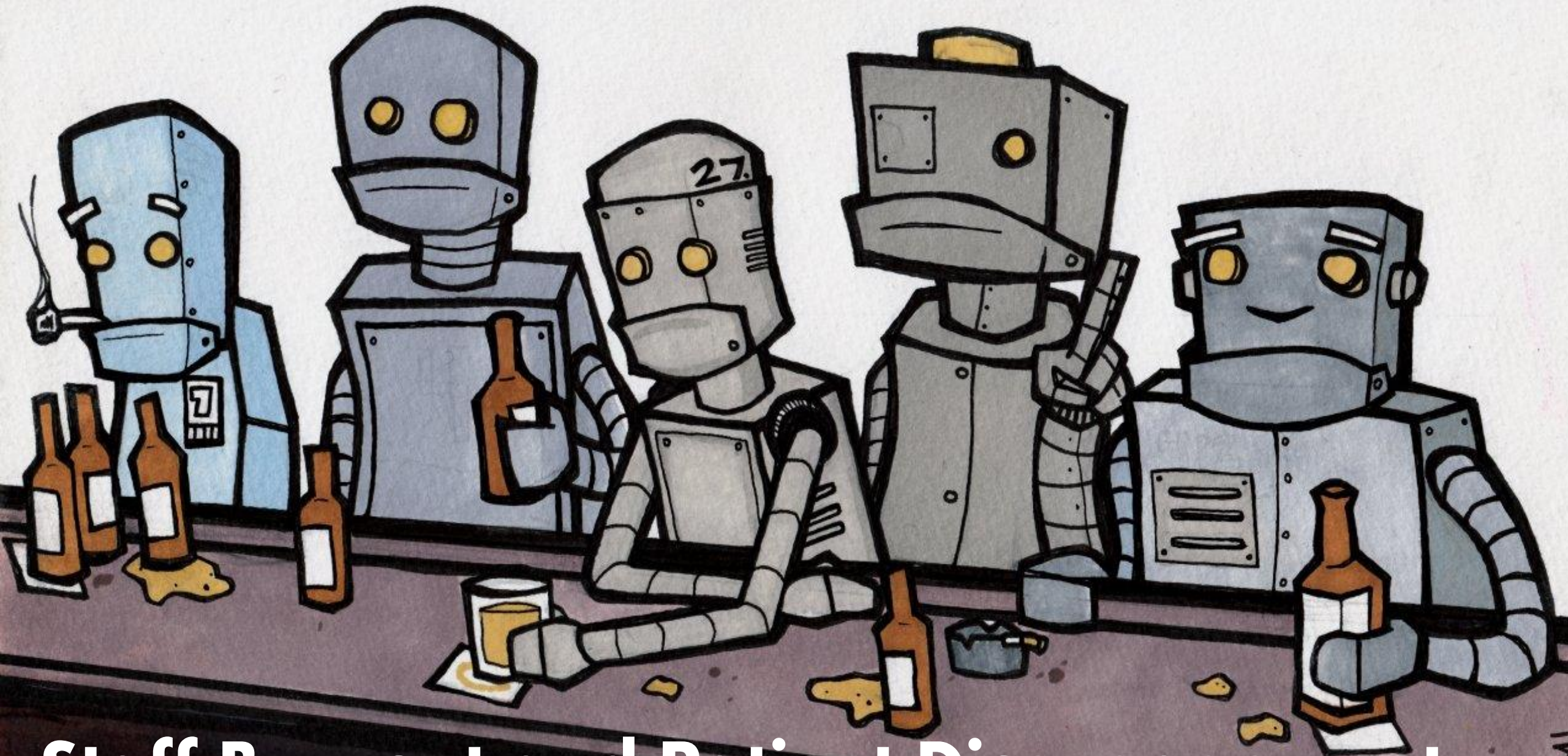
Would have...

Should have...

**We discuss what
DIDN'T happen
rather than explain
what DID**

Not Meeting the Needs of those Harmed





Staff Burnout and Patient Disengagement

Multiple Issues

Safety

Equity

Productivity

Quality Improvement

Burnout

Staff Engagement

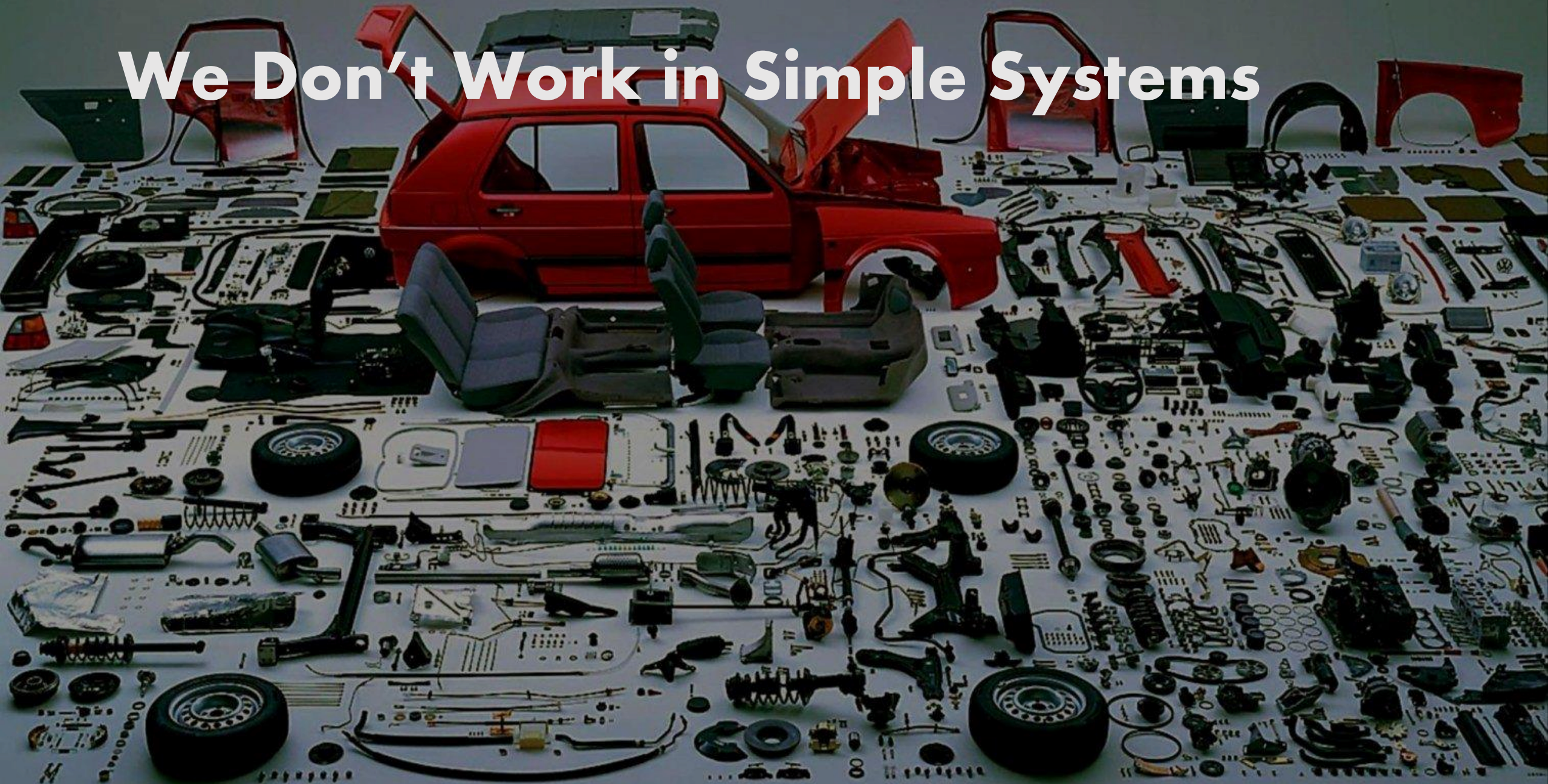
Patient Experience



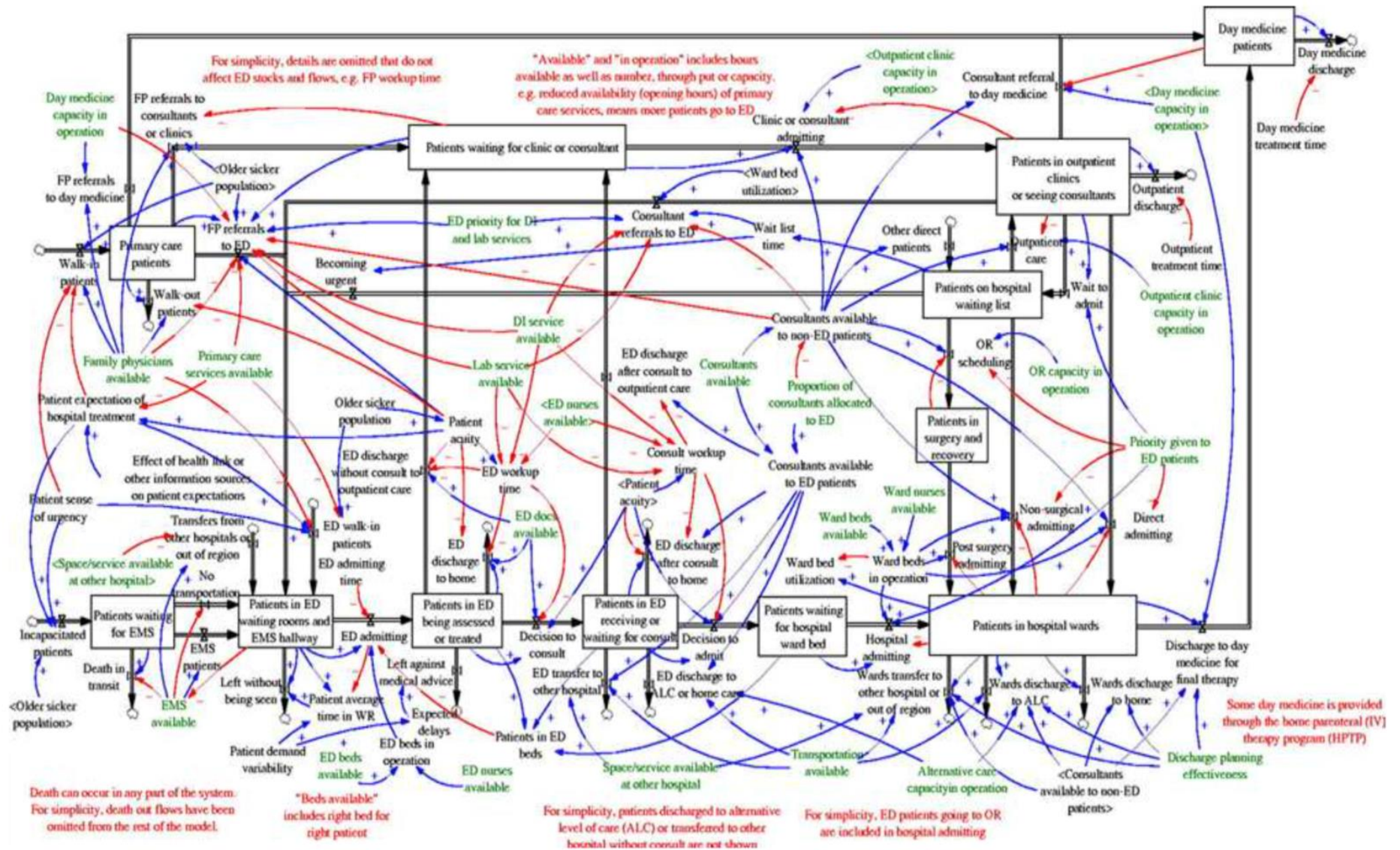
*“When we fix the wrong thing for the wrong reason,
the problems continue to happen.*

It’s costly and demoralizing”

We Don't Work in Simple Systems

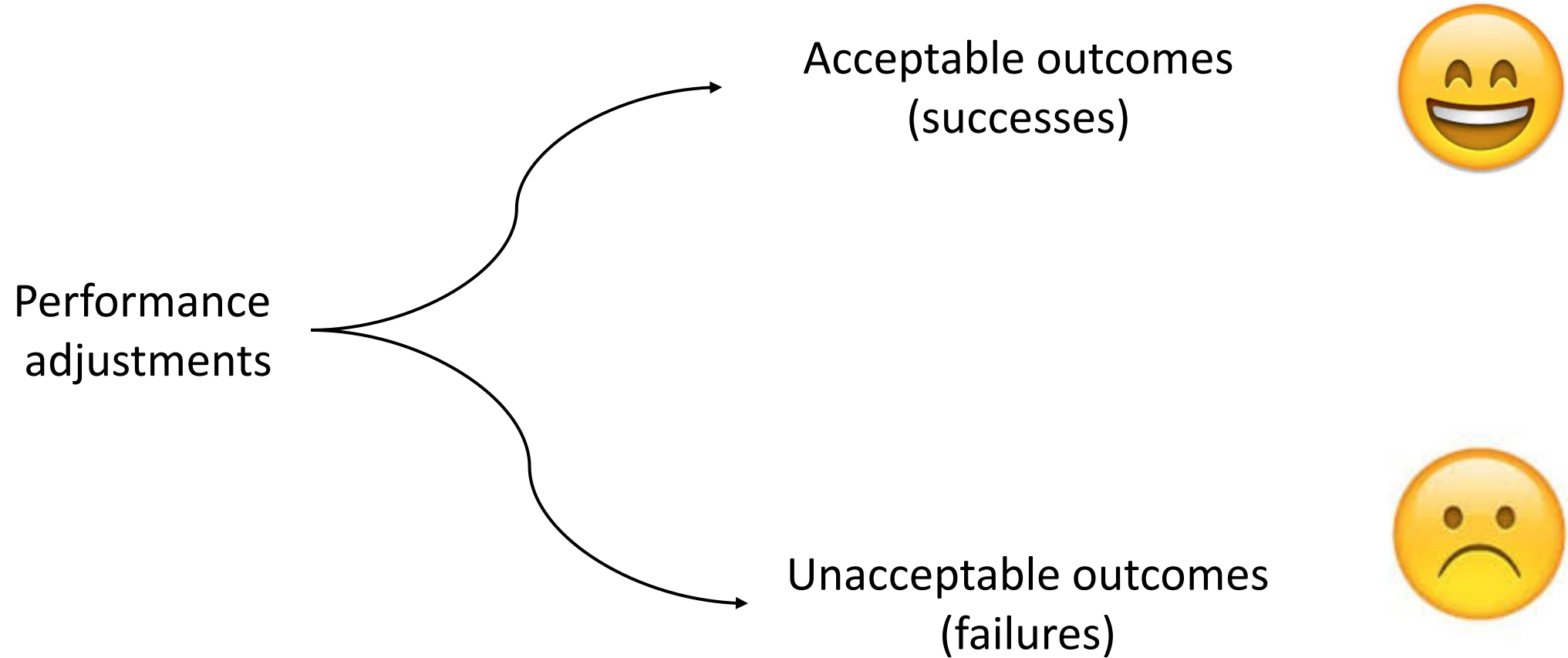


"Work-As-Done"





How Safety Is Really Created



The New Aim

*That as many things as possible
go **right***

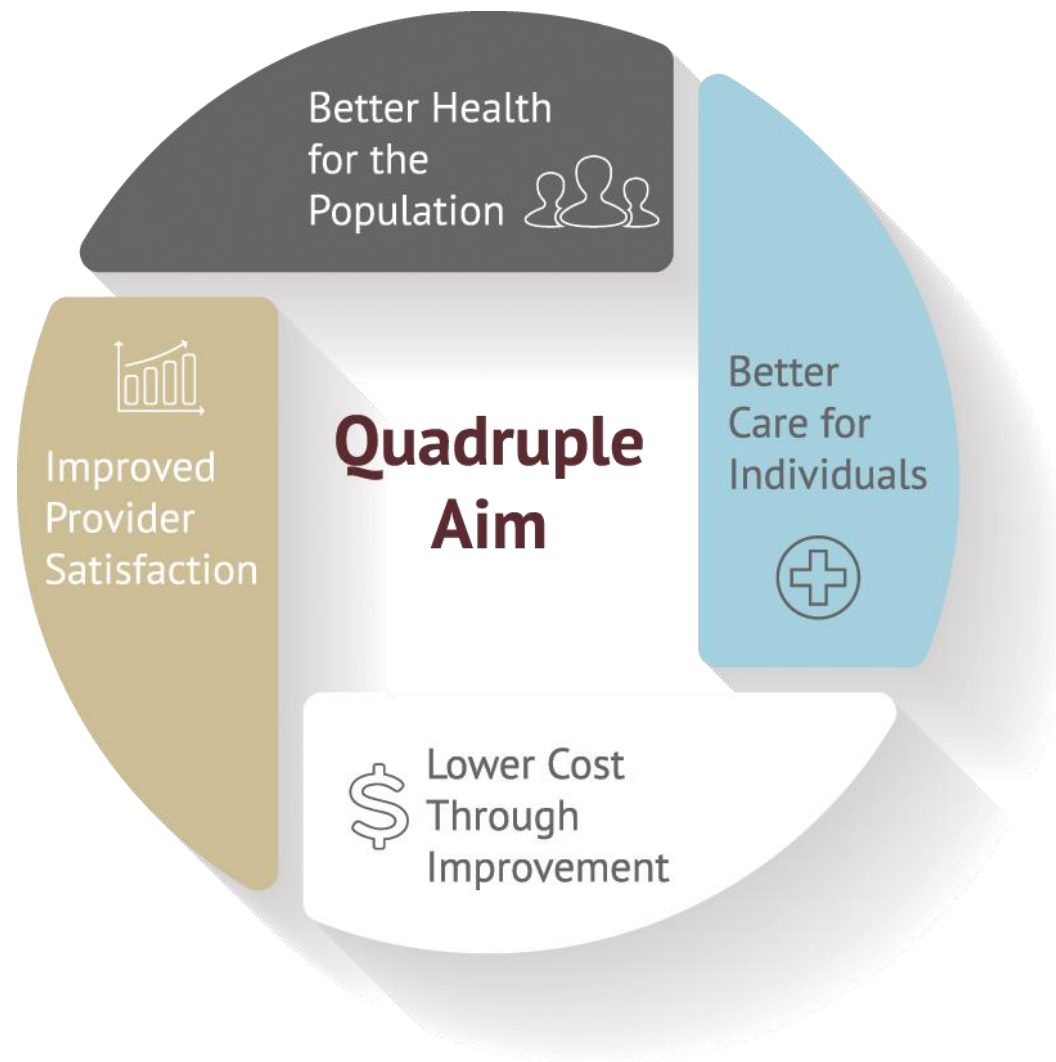
When you change your perspective,
you see different things



Erik Hollnagel

1. A Move to System Safety





2. Supporting the Conditions for Success

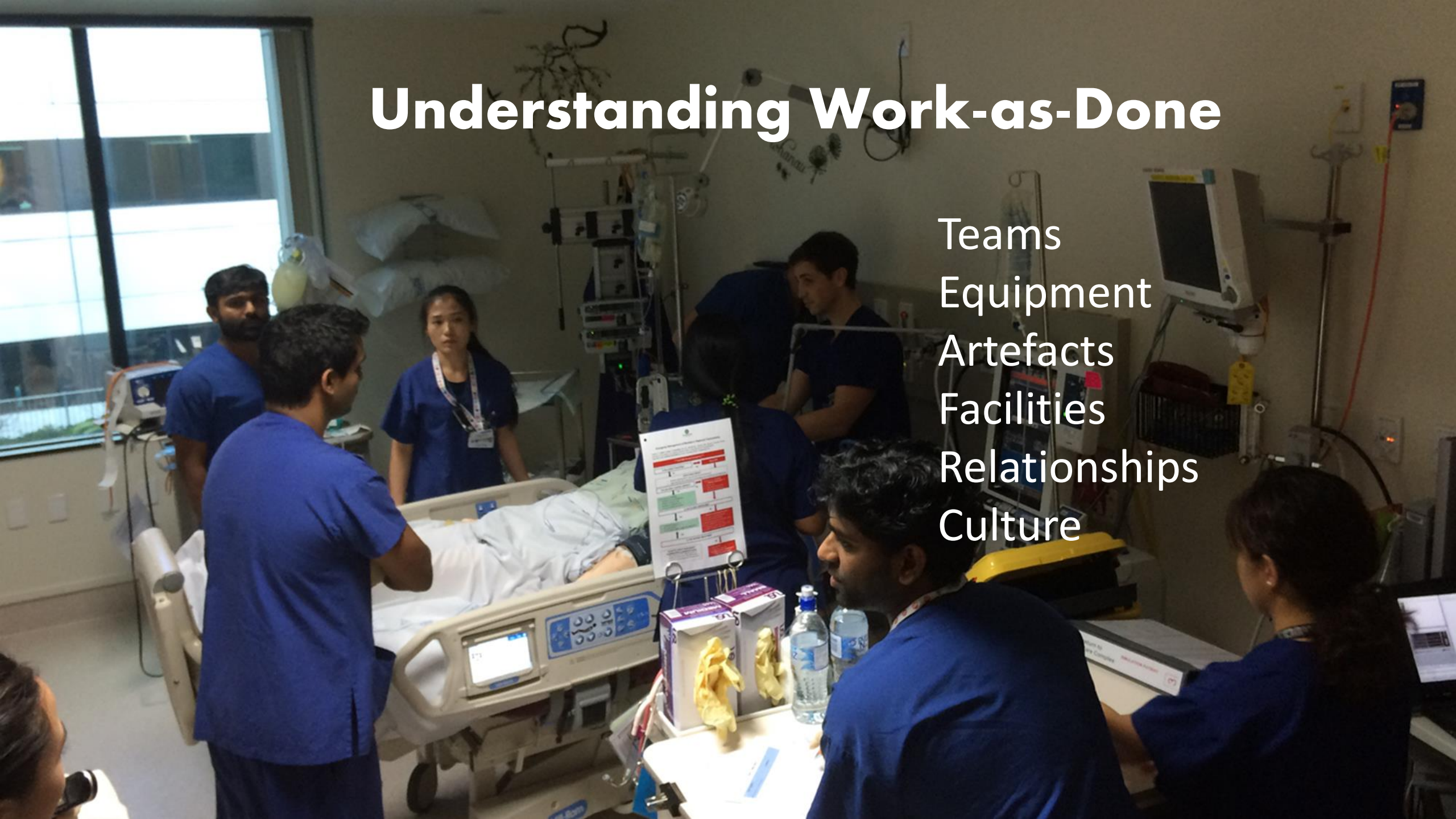
Are you
making
failure
less
likely?



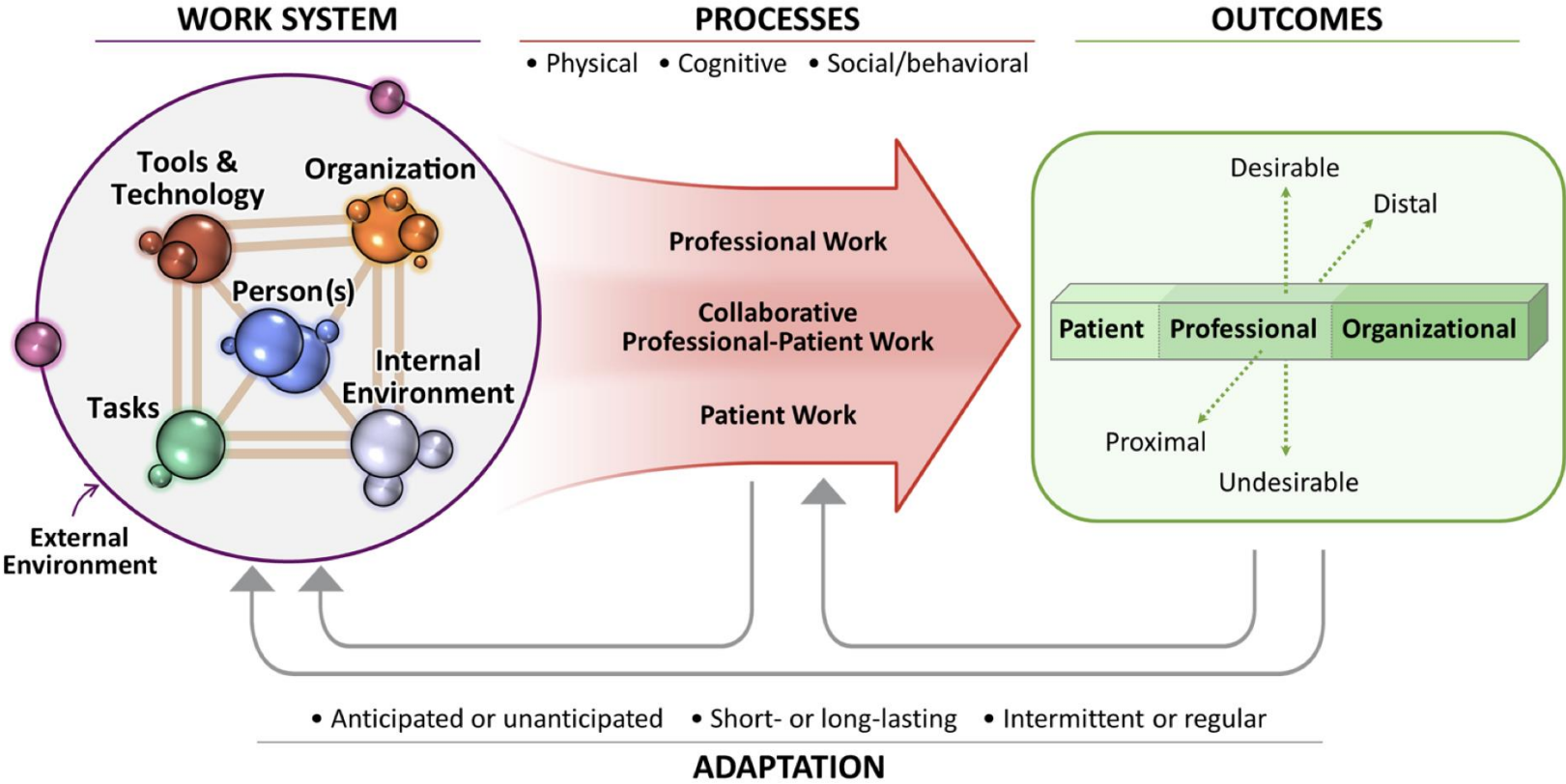
Or usual
success
more
likely?

Understanding Work-as-Done

Teams
Equipment
Artefacts
Facilities
Relationships
Culture



Thinking in Work Systems



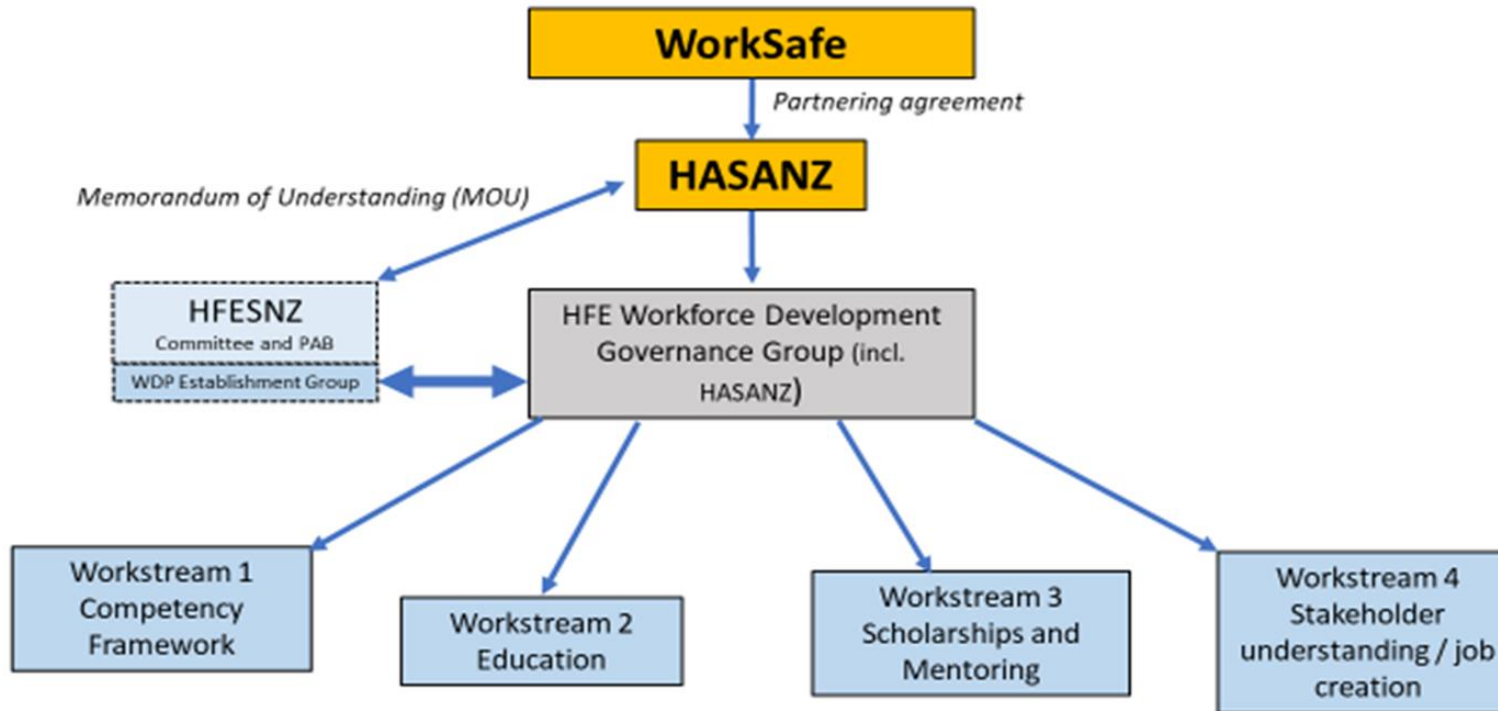
Holden, R. J et al, (2013). SEIPS 2.0: a human factors framework for studying and improving the work of healthcare professionals and patients. *Ergonomics*, 56(11), 1669-1686

Human Factors/Ergonomics

...the scientific discipline concerned with the understanding of interactions among humans and other elements of a system...

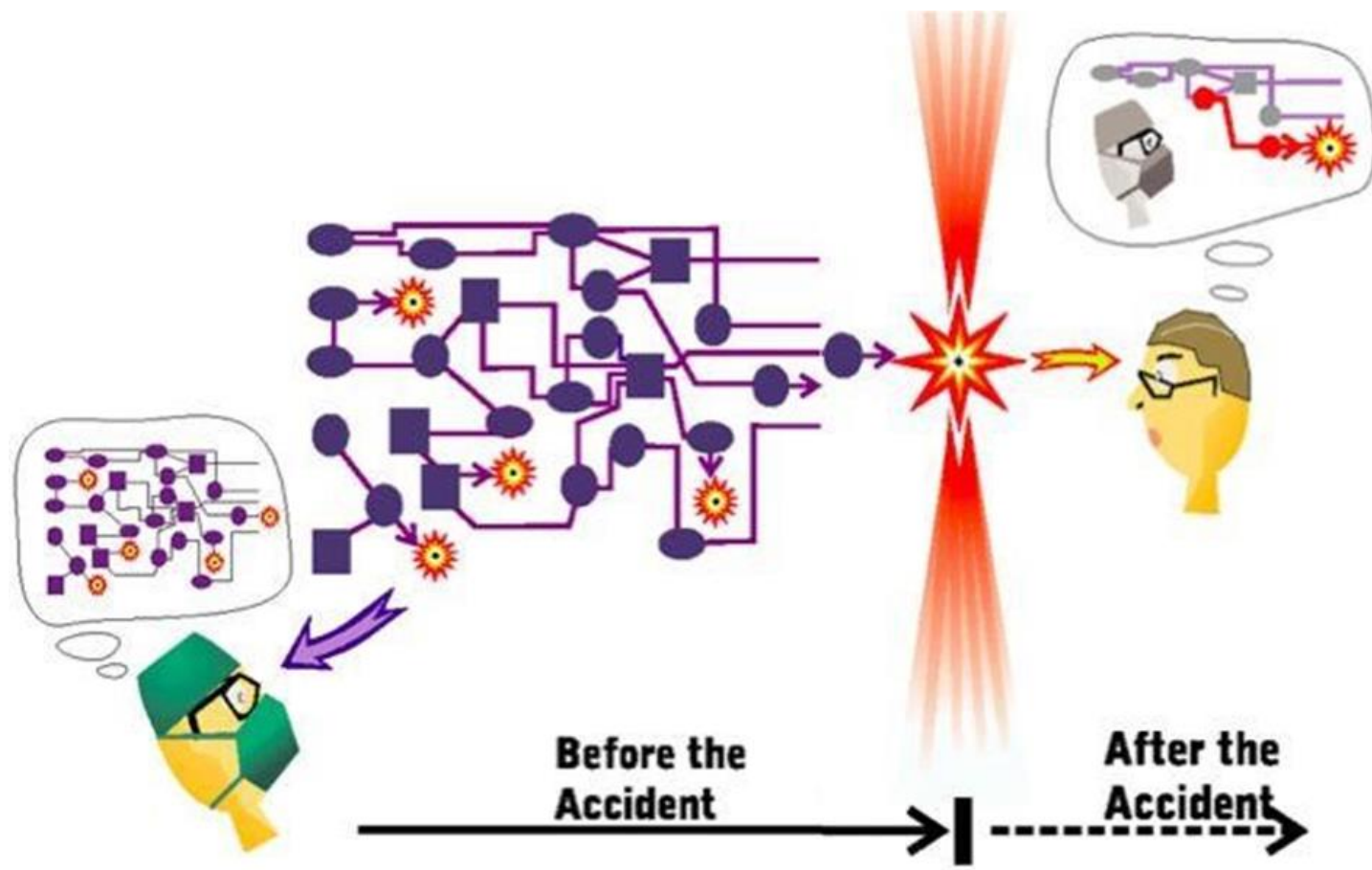
to optimize human well-being and overall system performance

Building HFE Capacity in Healthcare

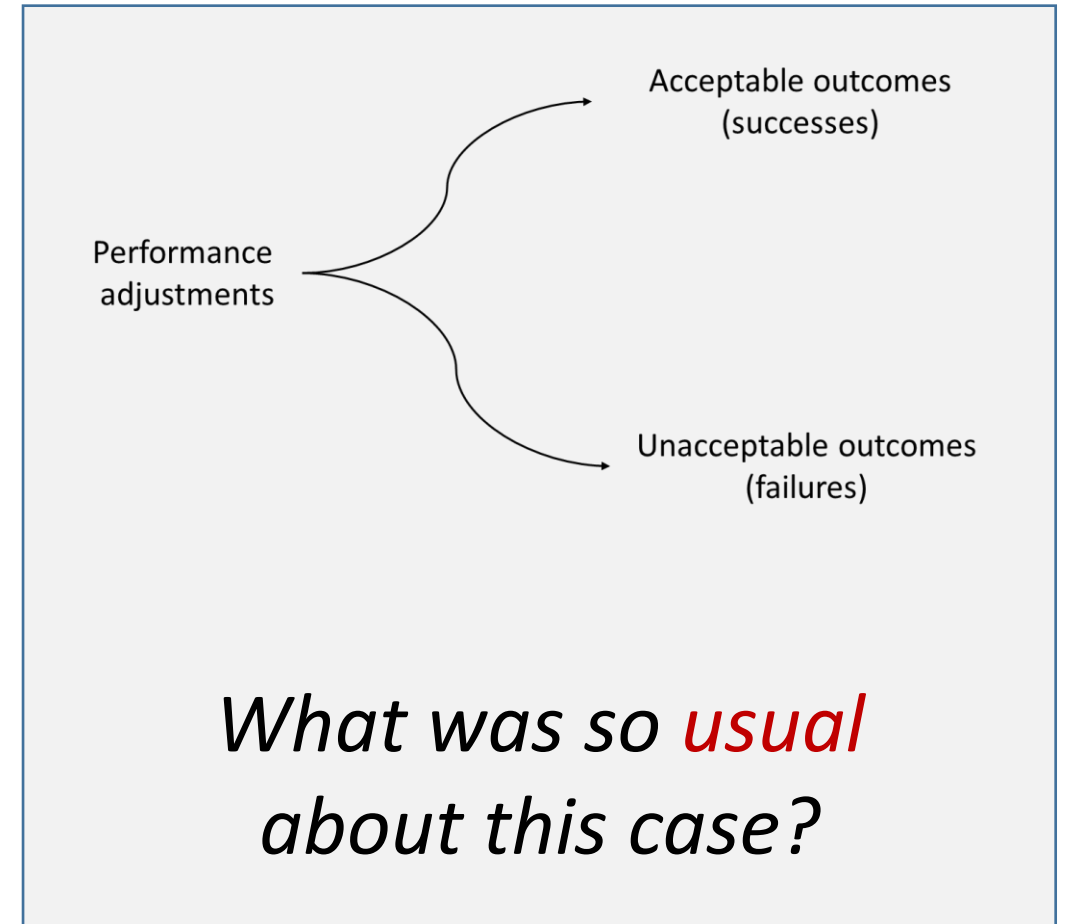
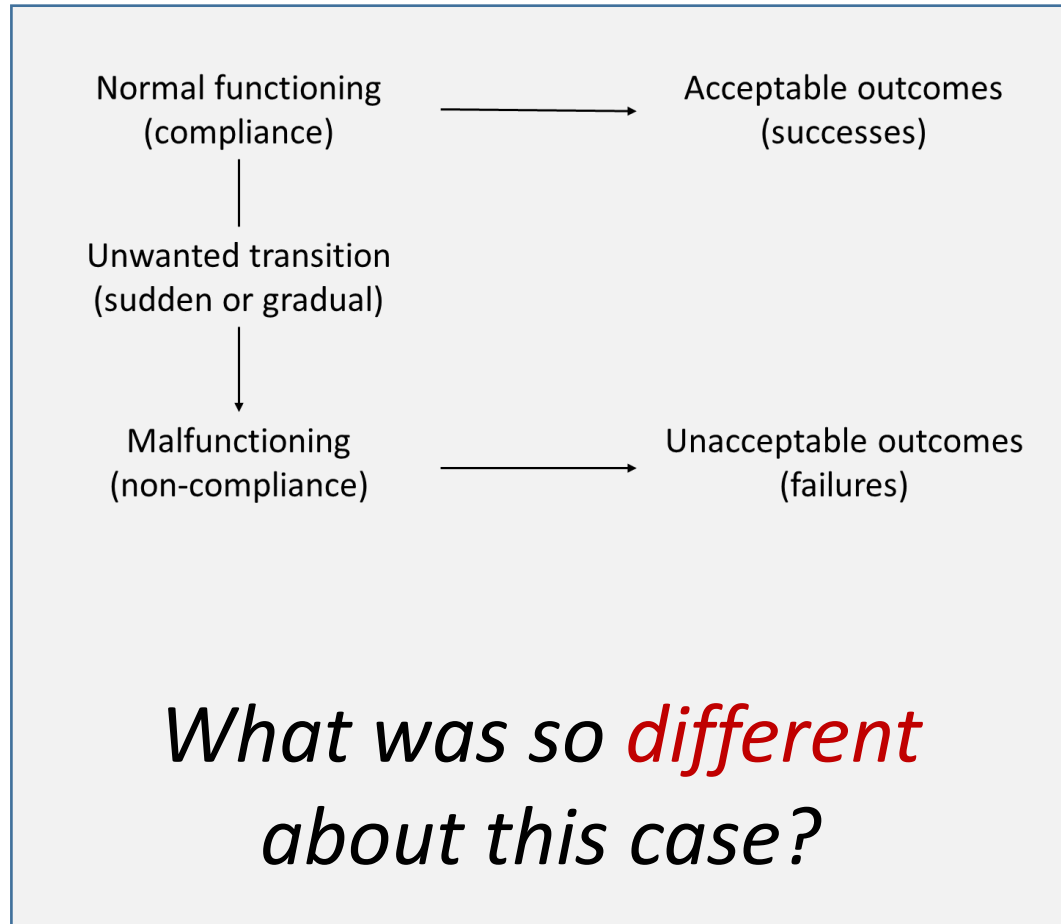


3. Learning Different Lessons





Do You Want To Know...

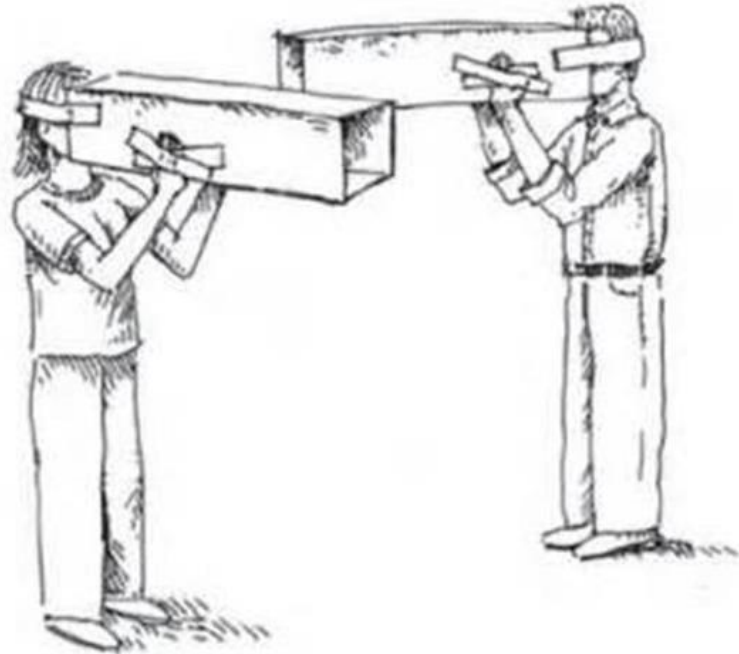


Learning Reviews

How did that seem the
right thing
to do at the time?

Local Rationality

People do things that make sense to them, given their goals, understanding of the situation and focus of attention at that time.



Meeting the Needs of **All** Those Harmed



Restorative Practice



Adverse Events Policy Review 2022



4. Building Resilient Systems



It's not about
individual
resilience...

Lora Zombie (lorazombie.com)

Resilience is a System Capacity...



Public

Anticipation

Response

Knowing what
to
EXPECT

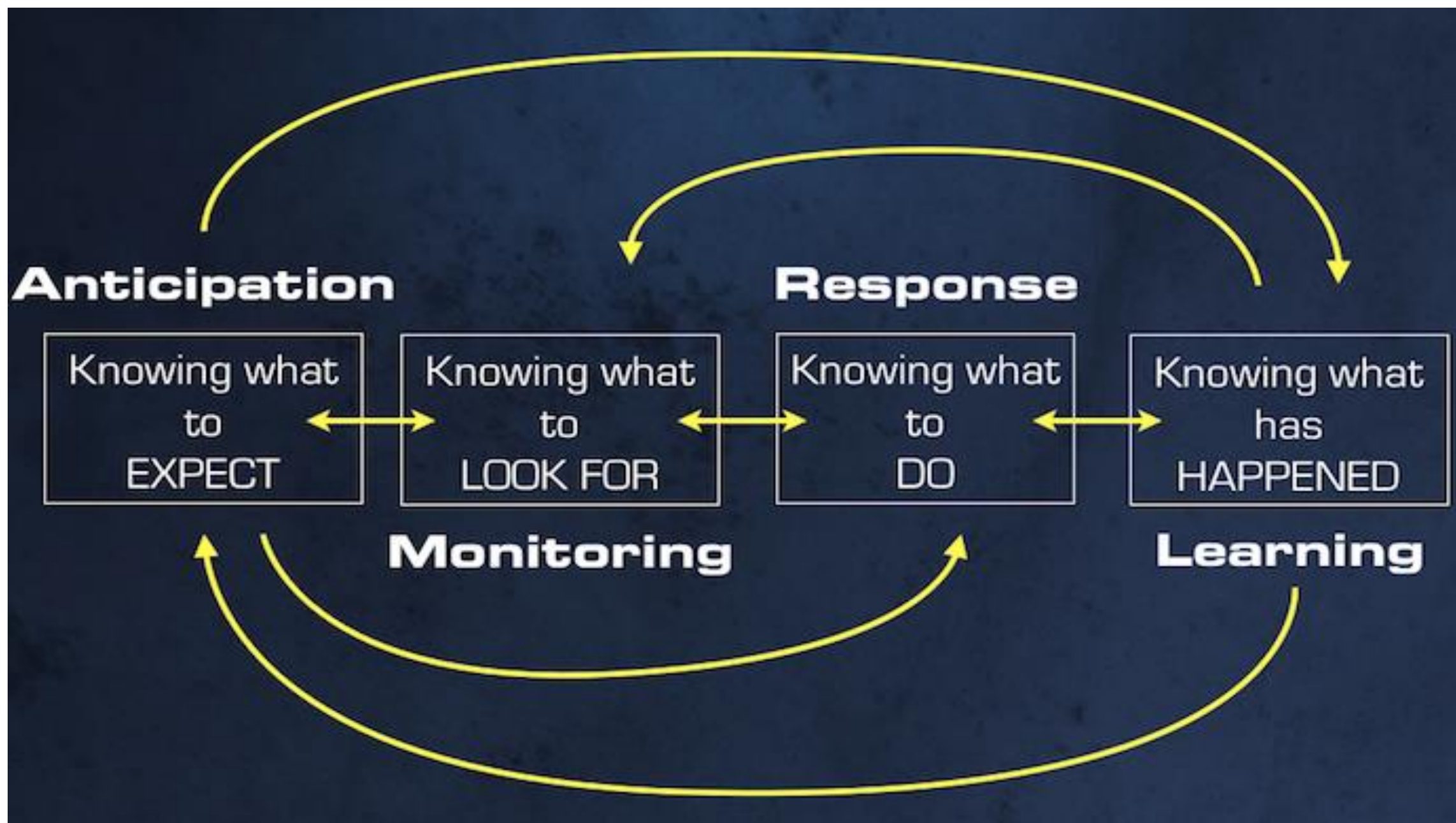
Knowing what
to
LOOK FOR

Knowing what
to
DO

Knowing what
has
HAPPENED

Monitoring

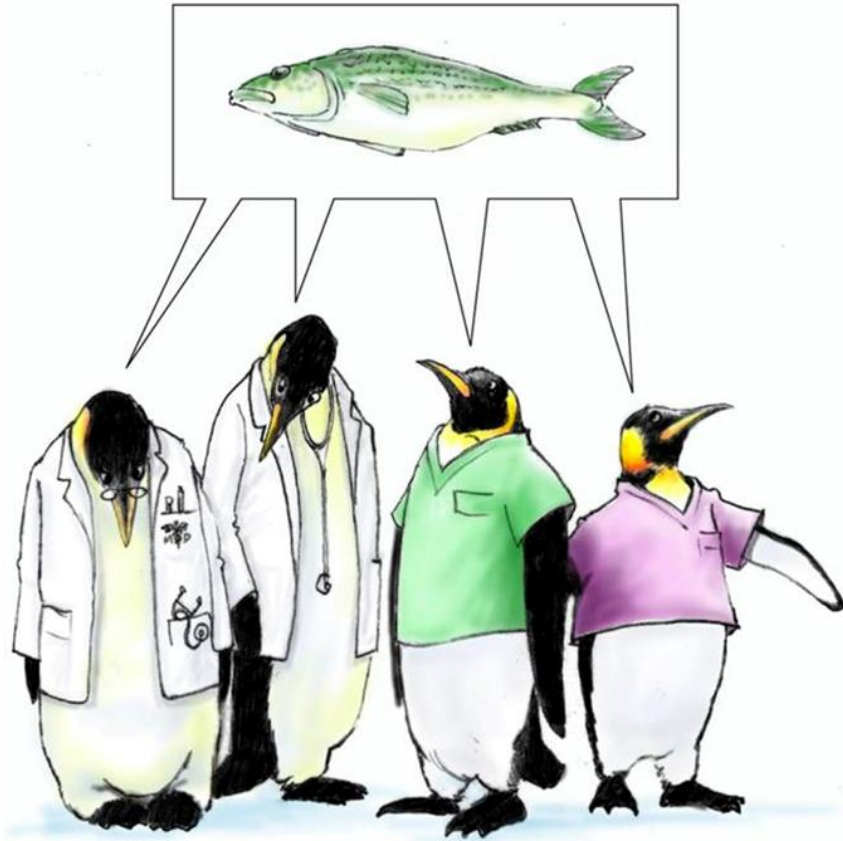
Learning





Diverse teams

Anticipatory Action



Hinges on building a shared understanding of:

- The current situation?
- What should happen?
- What might happen?
- What will we do if things change?

A Change in Communication



Data for Resilience



What to measure?

Data for who?

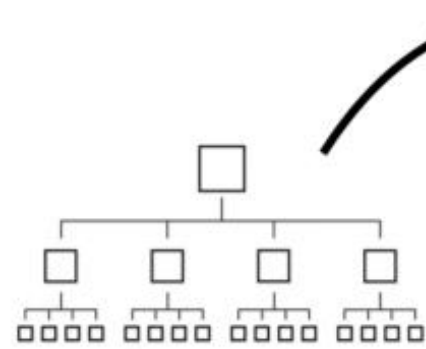
Data for what?

Building understanding?

Leadership

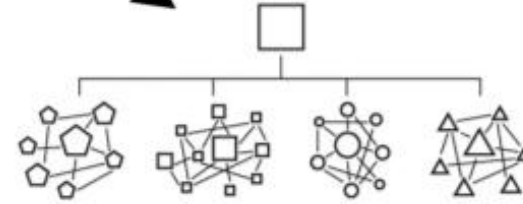
- Goals, not tasks
- Creating the space for adaptive work
- Balancing creativity and constraint





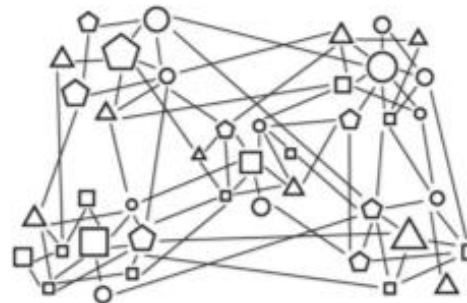
Command

A traditional top-down structure. The connections that matter are between workers and their managers.



Command of Teams

Small teams operate independently but still within a more rigid superstructure



Team of Teams

The relationship among teams resembles the closeness among individuals on those teams.

... building the relationships between teams.

- Safety System Leadership Rōpū
- Quality Forum



Resilient Healthcare Thinking



Outcome focused

Safety as the ability to match conditions

Balancing creativity and constraint

People as the purpose

Communication as co-construction

“The mind, once stretched by a new idea, never regains its original dimensions”

Oliver Wendell Holmes

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