

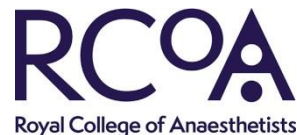


Communicating for Improvement

Duncan Wagstaff

PQIP Fellow

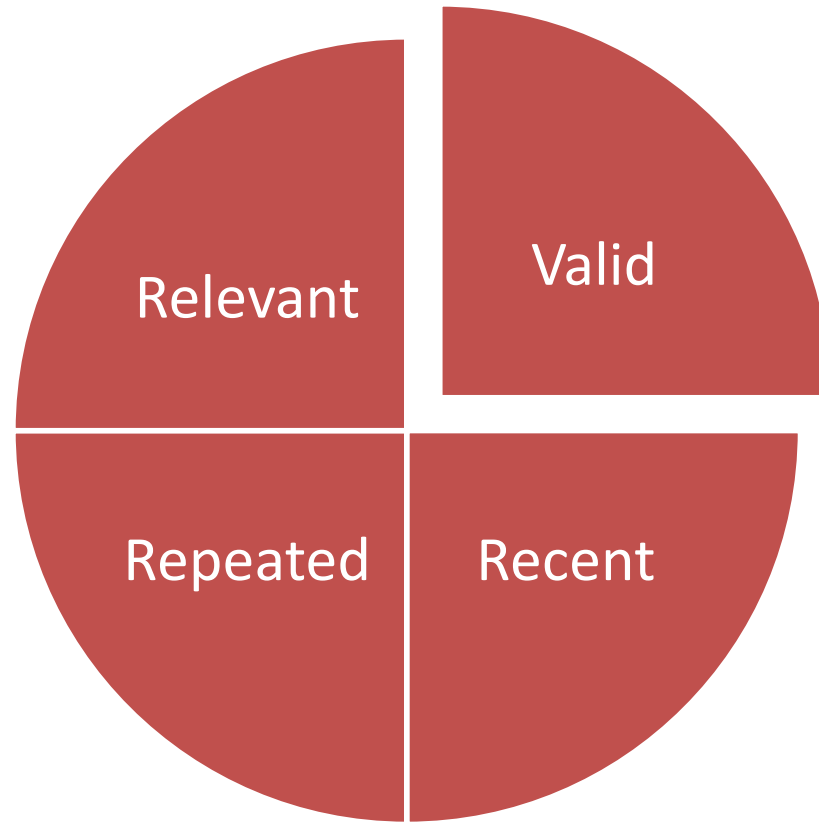
PQIP Collaborative Meeting 2018



Communication for what?

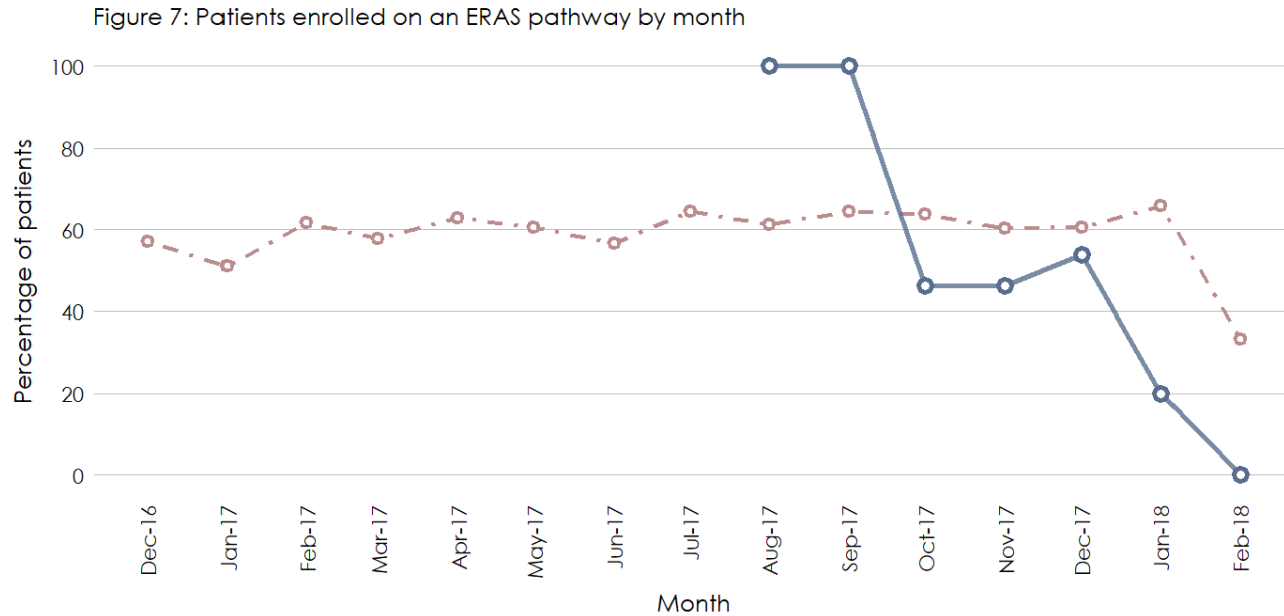
- Introduction
- Assurance
- Revalidation
- Patients
- **Improvement**

Data¹



Utilisation of enhanced recovery pathways

Enhanced recovery after surgery (ERAS) pathway data was available for 54 patients, of which 28 (51.9 %) were enrolled on an ERAS pathway from 31 August 2017 to 06 February 2018 .



Recent ?
Repeated ?
Relevant ?
Valid ?

Library

Patient Risk Factors

- 1.6.BMJ 1 Barnard - Is social deprivation an independent predictor of outcomes following cardiac surgery
- 1.6.NCBI 2 Charlton - Impact of deprivation on occurrence outcomes and health care costs of people with multiple morbidity
- 1.7 home 1 Finlaysson - Major abdominal surgery in nursing home residents
- 1.7 home 2 Neuman - Survival and functional outcomes after hip fracture surgery among nursing home residents
- 1.16 BMI 1 Hainer - Obesity paradox does exist
- 1.16 BMI 2 Turrentine - The relationship between BMI and 30 day mortality risk
- 1.16 BMI 3 Nepogodiev - Determining surgical complications in the overweight - DISCOVER
- 2.6 Sodium 1 Cecconi Preoperative abnormalities in serum sodium
- 2.8 Urea 1 Goren - Perioperative acute kidney injury
- 2.9 Creatinine 1 Mooney - Preoperative estimates of glomerular filtration rate as predictors of outcome
- 2.10 Albumin 1 Gibbs - Preoperative serum albumin level as a predictor of operative mortality and morbidity
- 2.12 Haemoglobin 1 Musallam - Preoperative anaemia and postoperative outcomes
- 2.22 cerebro 1 Liao - Outcomes after surgery in patients with previous stroke
- 2.24 dementia 1 Hugo - Dementia and Cognitive Impairment
- 2.32 alcohol 1 Oppedal - Preoperative alcohol cessation prior to elective surgery

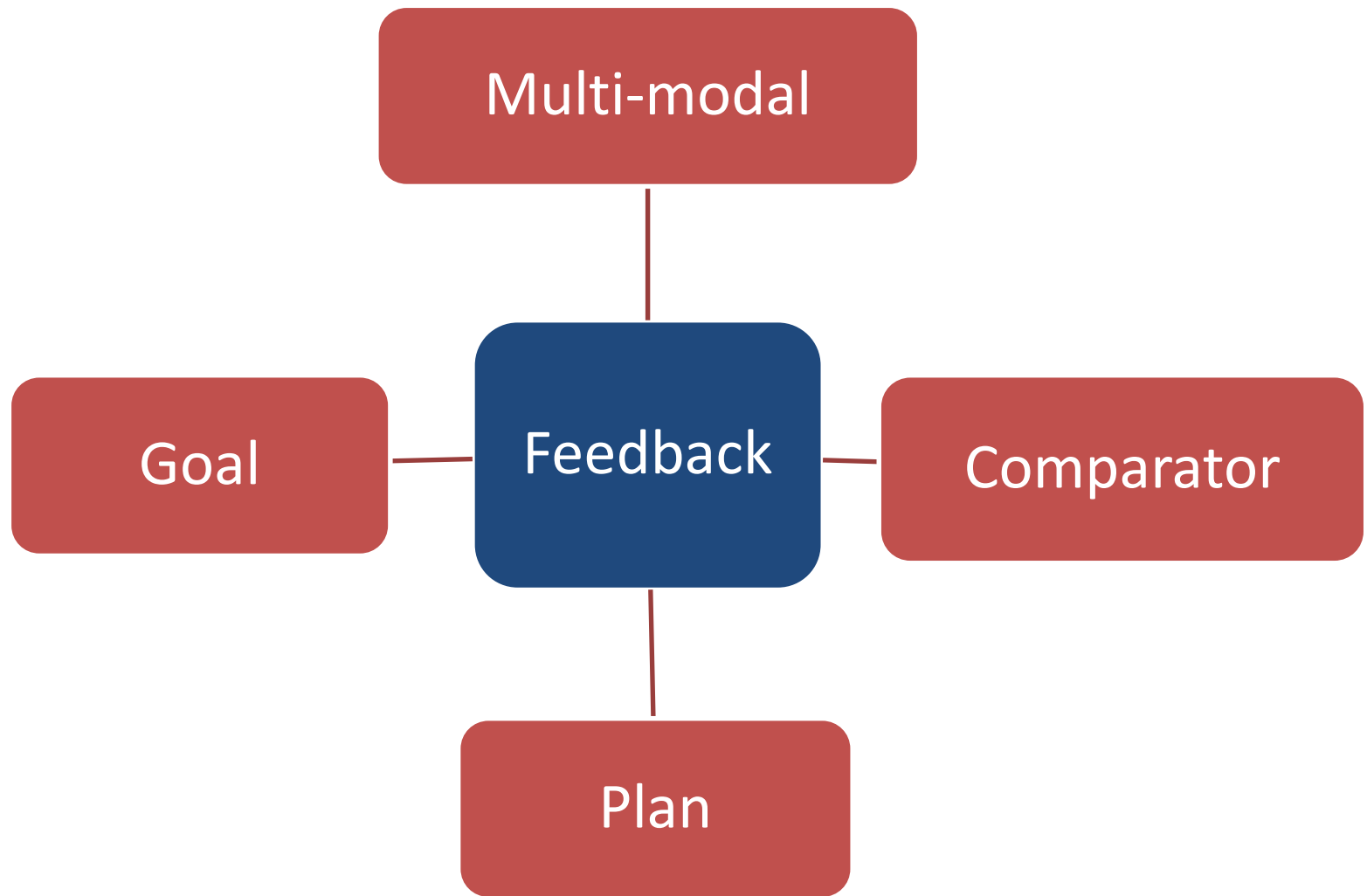
Guidelines for Perioperative Care in Elective Colonic Surgery: Enhanced Recovery After Surgery (ERAS[®]) Society Recommendations

U. O. Gustafsson · M. J. Scott · W. Schwenk · N. Demartines · D. Roulin ·
N. Francis · C. E. McNaught · J. MacFie · A. S. Liberman · M. Soop ·
A. Hill · R. H. Kennedy · D. N. Lobo · K. Fearon · O. Ljungqvist

Data Validity

Value of small sample sizes in rapid-cycle quality improvement projects

E Etchells,^{1,2} M Ho,³ K G Shojania^{1,2}



Multimodal



Site: **University College Hospital (UCL168)**

Abdominal - Lower gastrointestinal surgery - University College Hospital - February 2018.html

Abdominal - Lower gastrointestinal surgery - University College Hospital - February 2018.pdf

Abdominal - Upper gastrointestinal surgery - University College Hospital - February 2018.html

Abdominal - Upper gastrointestinal surgery - University College Hospital - February 2018.pdf

Head and neck surgery - University College Hospital - February 2018.html

Head and neck surgery - University College Hospital - February 2018.pdf

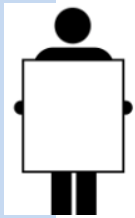
Infographic University College Hospital.pdf

Powerpoint Slides February 2018 - University College Hospital.pptx

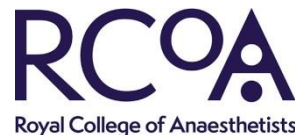
University College Hospital - February 2018.html

Urology surgery - University College Hospital - February 2018.html

Urology surgery - University College Hospital - February 2018.pdf



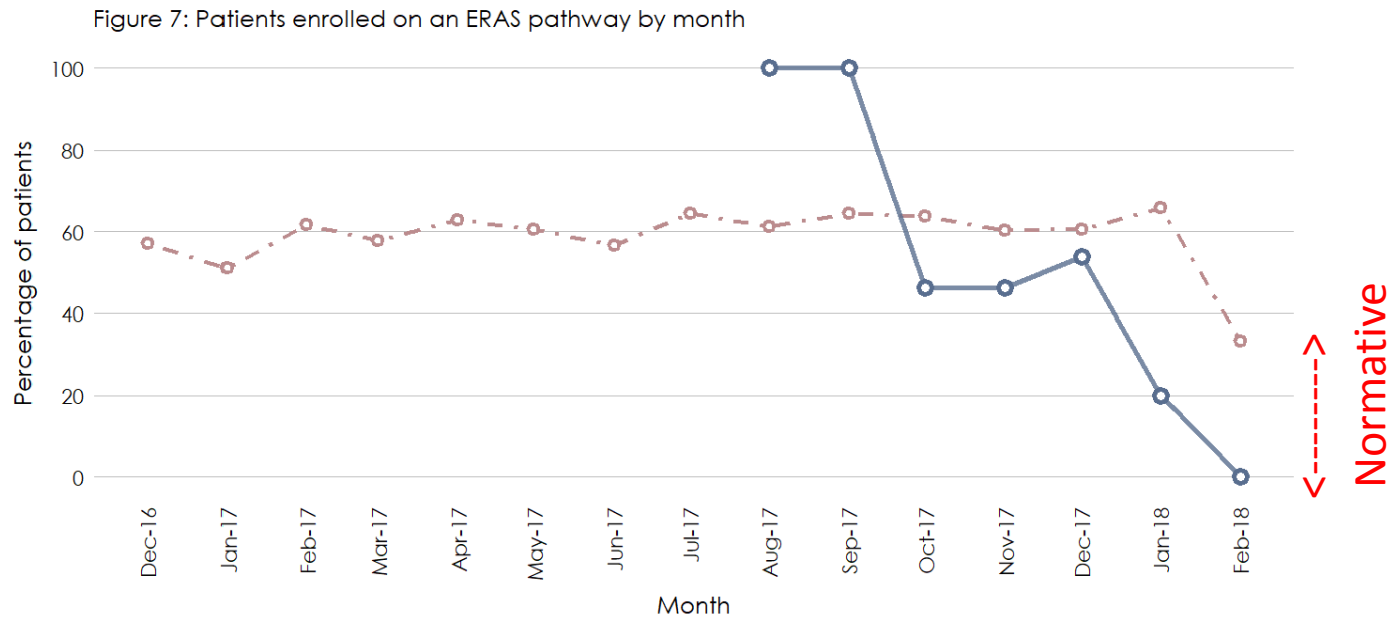
Perioperative Quality
Improvement Programme



Comparator?

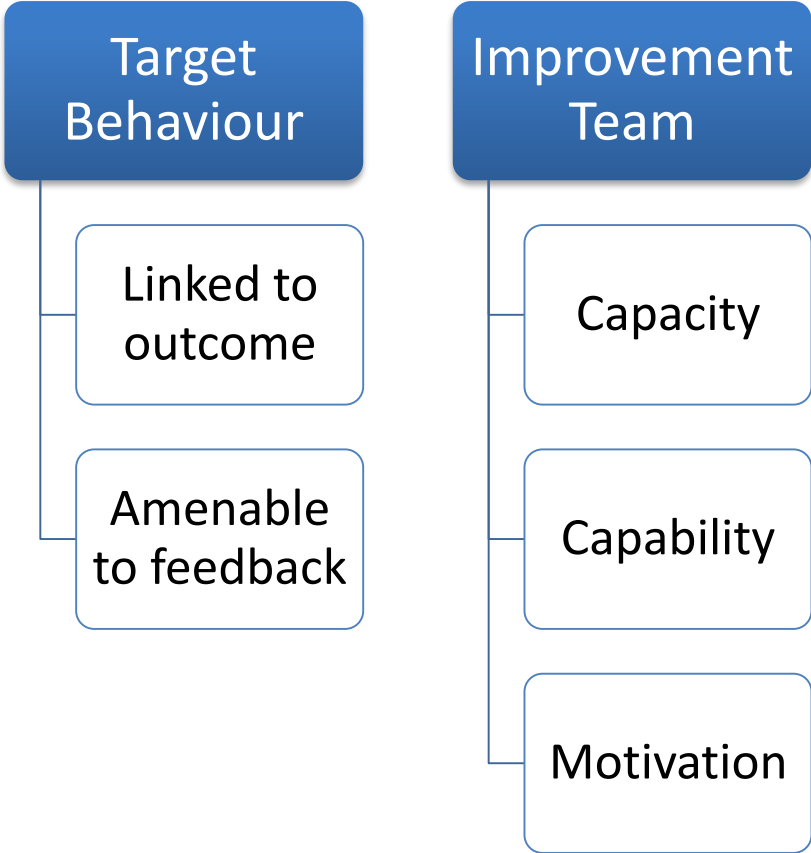
Utilisation of enhanced recovery pathways

Enhanced recovery after surgery (ERAS) pathway data was available for 54 patients, of which 28 (51.9 %) were enrolled on an ERAS pathway from 31 August 2017 to 06 February 2018 .

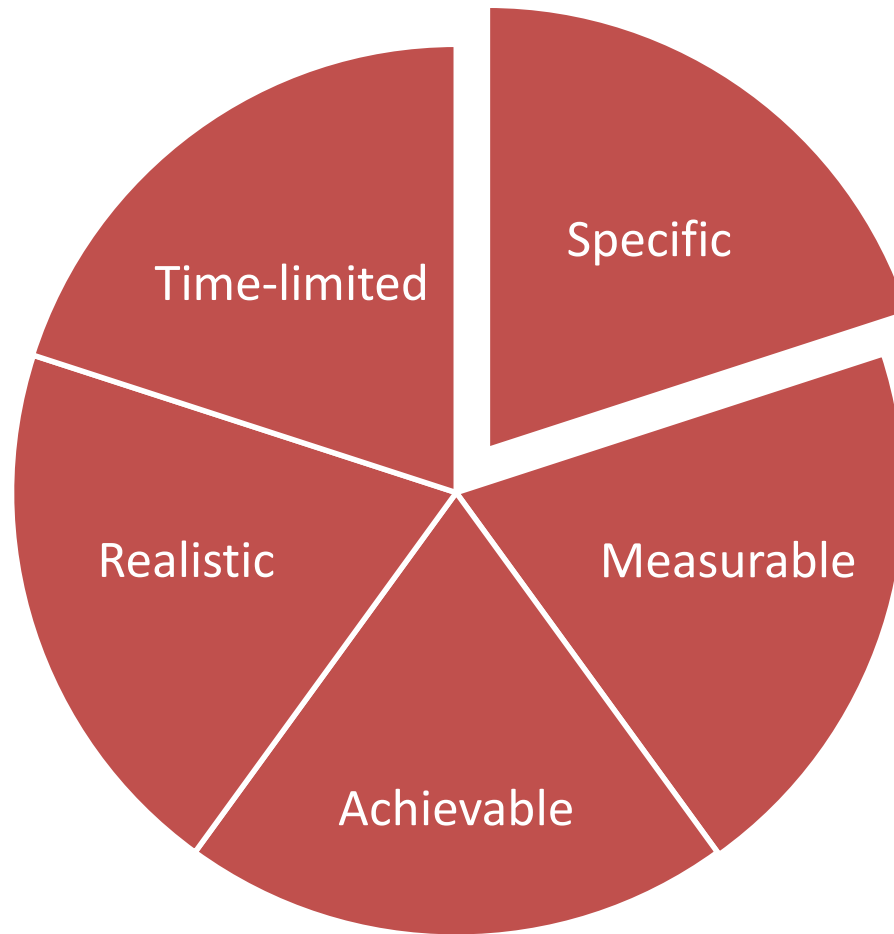


<- Longitudinal ->

Action Plan



Goals



Improvement Tools

"A multidisciplinary initiative to support local quality improvement to benefit patients undergoing major surgery."



Tweets by @PQIPNews

PQIP @PQIPNews
Congratulations @RUHBath! 🌟🌟🌟
Mar 22, 2018

PQIP Retweeted

Royal College of A... @RCoANews
The College has today published its 2018 Workforce Data Pack – read, share and comment on our analysis of

Embed View on Twitter

Improvement tools

[Home](#)[About](#)[For Patients](#)[Resources](#)[Quality Improvement](#)[Library](#)[News & Events](#)[Login](#)

Improvement tools

Click on any of the links below to download the relevant documents:-

- [How to create a simple run chart \(PDF\)](#)
- [How to create a simple SPC chart \(PDF\)](#)
- [How to use the model for improvement PQIP \(PDF\)](#)
- [How to Driver Diagram PQIP \(PDF\)](#)
- [How-to Process Map PQIP \(PDF\)](#)
- [Model for Improvement Planning Work sheet \(PDF\)](#)
- [Process Mapping Facilitation How-to Guide PQIP \(PDF\)](#)
- [Run chart template \(XLSX\)](#)
- [SPC chart template \(XLSX\)](#)

External Resources

External Resources

PRISM

Perioperative Improvement Science and Management

PRISM is a teaching resource based on the Improvement Science curriculum from the Royal College of Anaesthetists. PRISM provides Improvement Science training focused on the needs of anaesthetists, the perioperative multi-disciplinary team and patients.

prism-ed.com/home

The Royal College of Anaesthetists

Anaesthesia is the largest single hospital specialty in the NHS. The Royal College of Anaesthetists is the professional body responsible for the specialty throughout the UK, and it ensures the quality of patient care through the maintenance of standards in anaesthesia, critical care and pain medicine.

www.rcoa.ac.uk

The Health Foundation

The Health Foundation is an independent charity committed to bringing about better health and health care for people in the UK.

www.health.org.uk

NHS Improving Quality

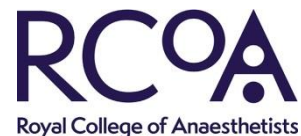
NHS IQ have transferred into NHS England as their new Sustainable Improvement Team. The Sustainable Improvement Team will support the health system by providing improvement and change expertise.

www.nhsiq.nhs.uk

NHS Scotland Quality Improvement Hub

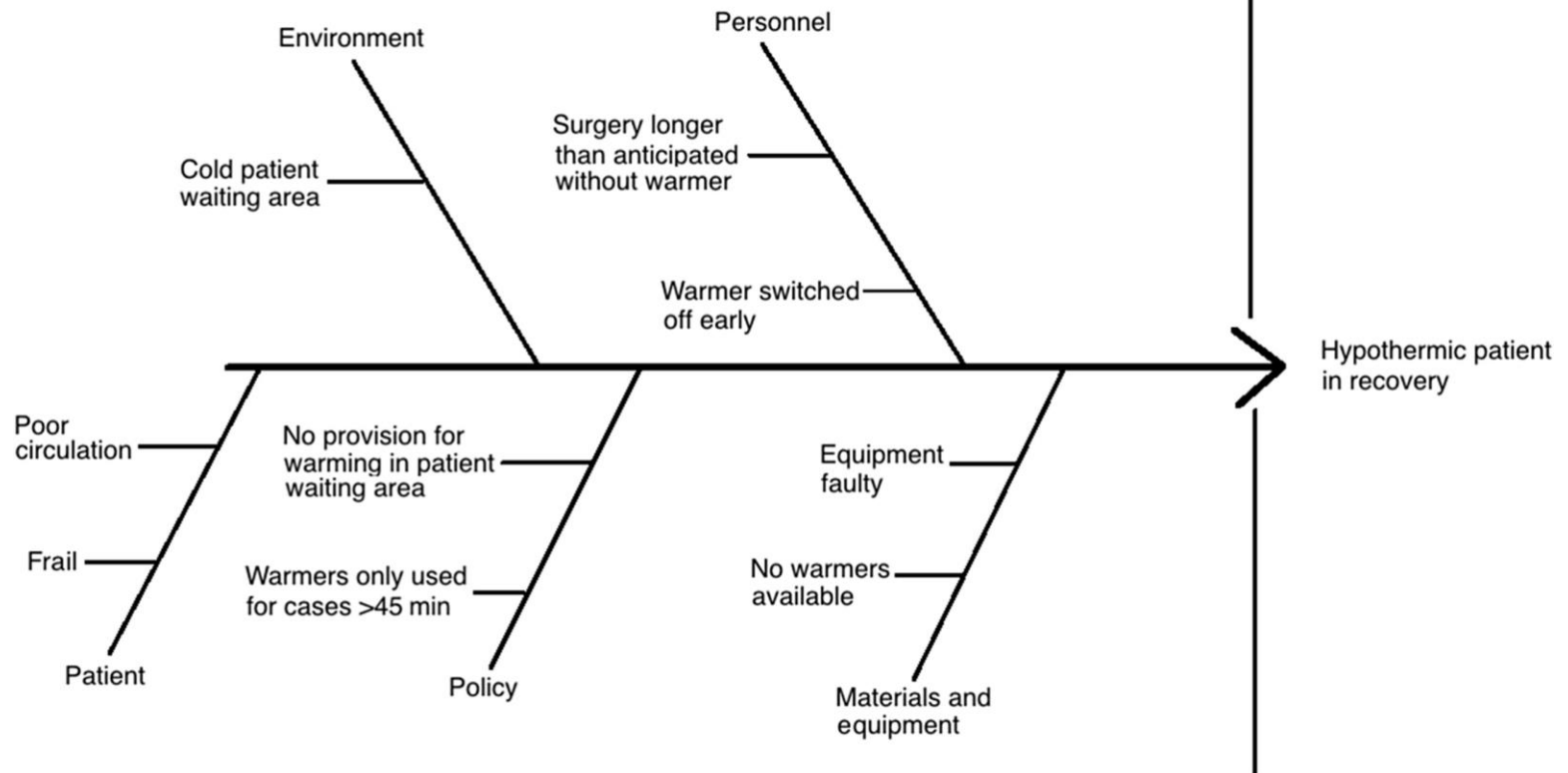
The QI Hub website aims to support health and social care staff to use quality improvement approaches as a core part of their work.

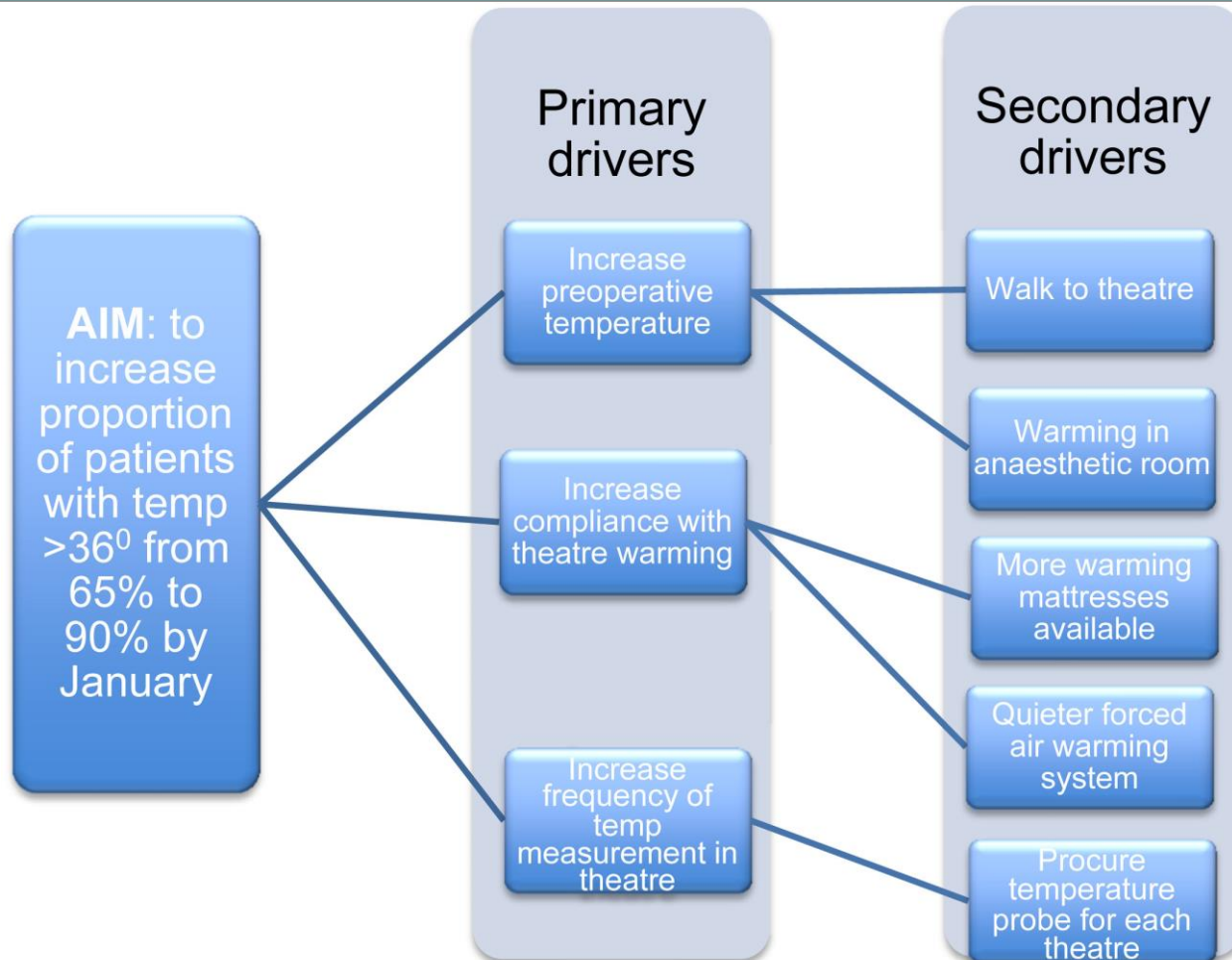
www.qihub.scot.nhs.uk



Cause

Effect



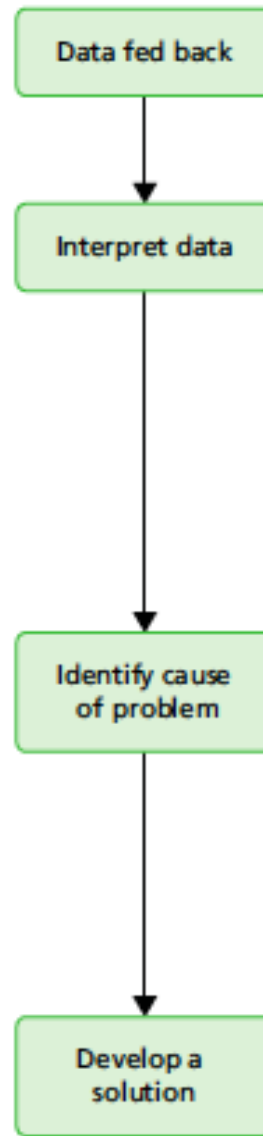


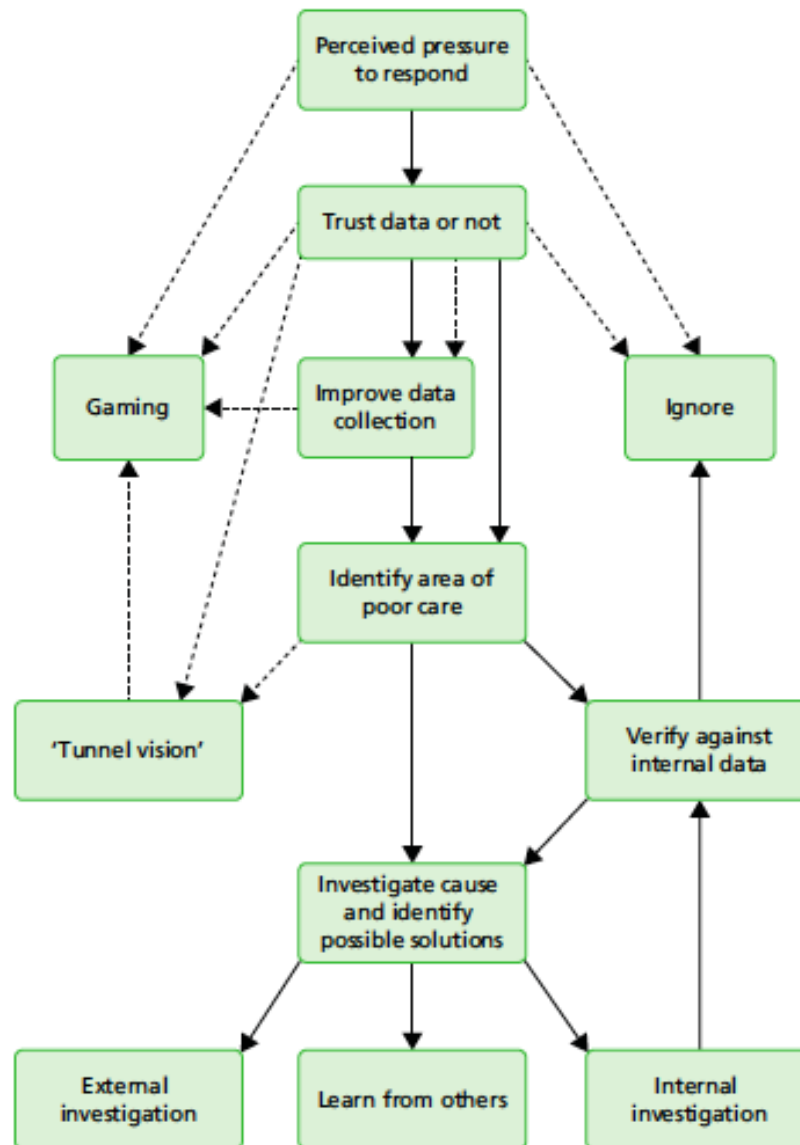
Conclusion

- Choose one thing
- Feedback
 - Multi-modal
 - Comparators
 - SMART Goals
 - Action Plan

Thanks!

1. Ivers N, Jamtvedt G, Flottorp S, Young JM, Odgaard-Jensen J, French SD, O'Brien MA, Johansen M, Grimshaw J, Oxman AD. Audit and feedback: effects on professional practice and healthcare outcomes. Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD000259.
2. Etchells E, et al. BMJ Qual Saf 2016;25:202–206. doi:10.1136/bmjqs-2015-005094
3. L. Weekes, T. Lawson, M. Hill. BJA Education 2018 18, 122-127DOI: (10.1016/j.bjae.2018.01.004)







Driver Diagrams – Tool Kit

You may wish to print out this tool kit and use it to plan your Driver Diagram

We will cover all the key ingredients for your Driver Diagram exercise:

- | | |
|---------------------|-----------------------|
| 1. People | 5. Facilitator |
| 2. Detail | 6. Time |
| 3. Materials | 7. Analysis |
| 4. Venue | |