

The use of simulation for service evaluation and improvement



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With thanks to:

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Royal Brompton & Harefield **NHS**
NHS Foundation Trust

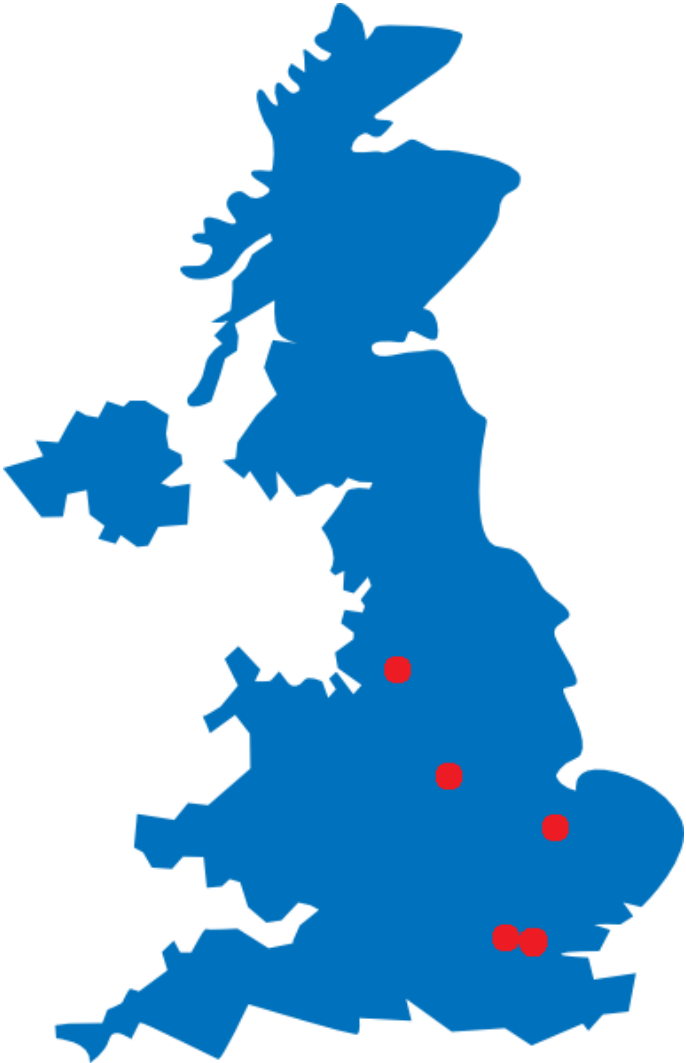
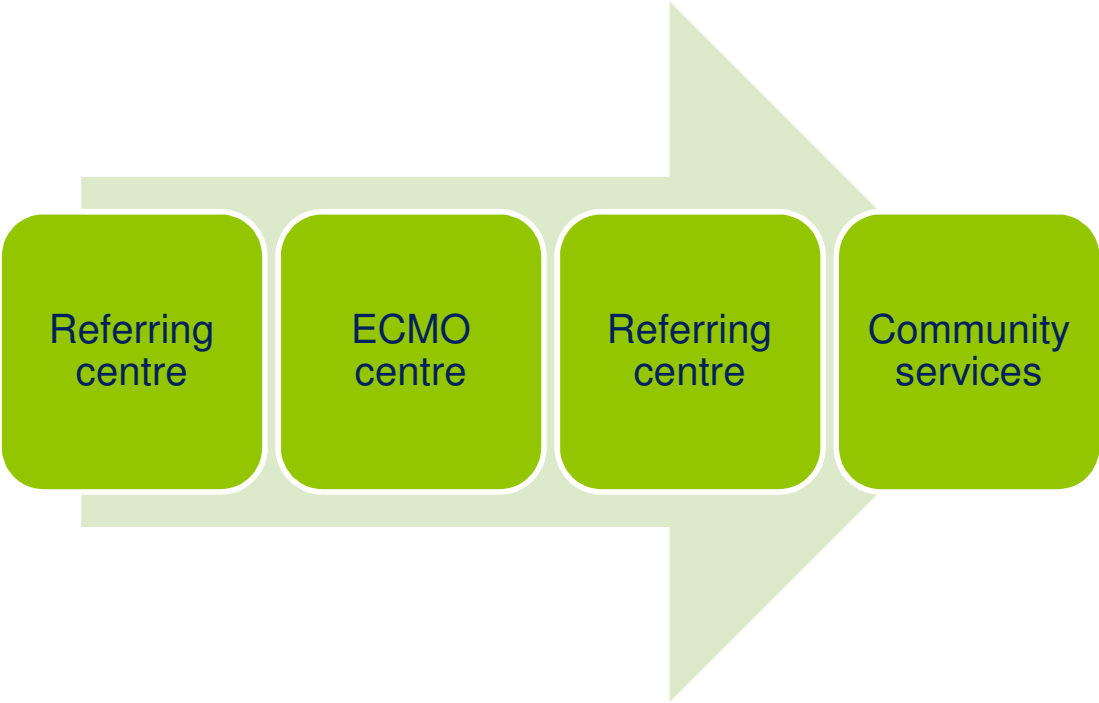
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Supporting patients and professionals through the provision of joined up clinical care pathways:

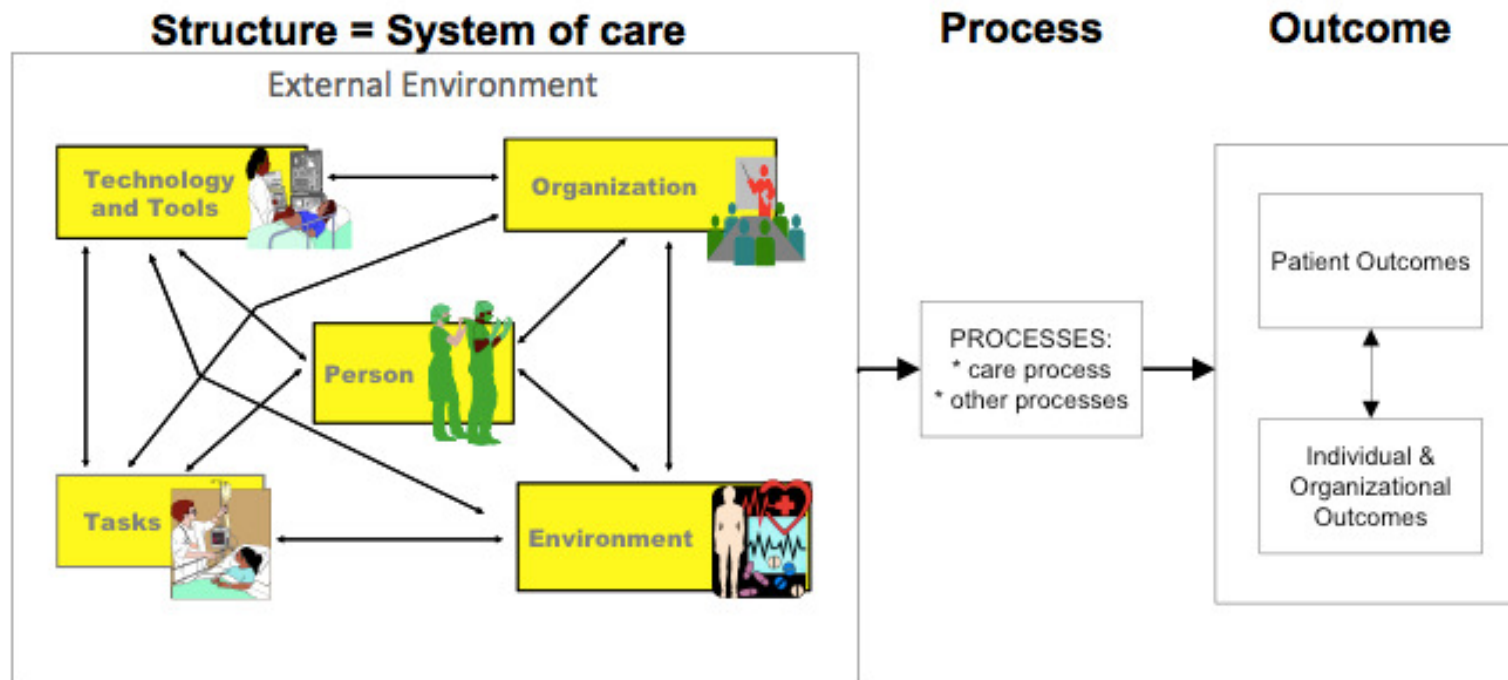
*expert clinical advice * welfare & housing support * bespoke education
* web based clinical care pathways*



ECMO for severe acute respiratory failure in England



Analysing work systems & processes: SEIPS model



Carayon et al. Quality & Safety in Health Care, 2006.

Simulation

The replication of real clinical scenarios for the purpose of learning

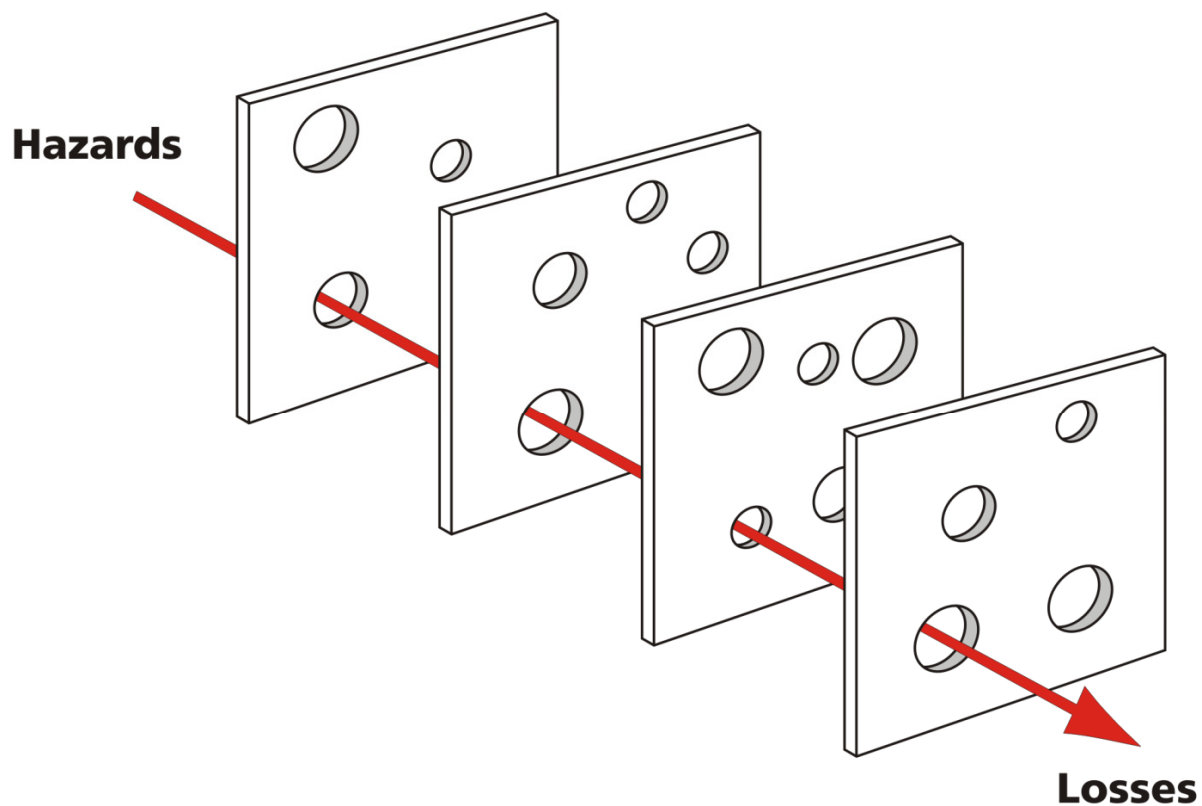


Pre-brief

Scenario

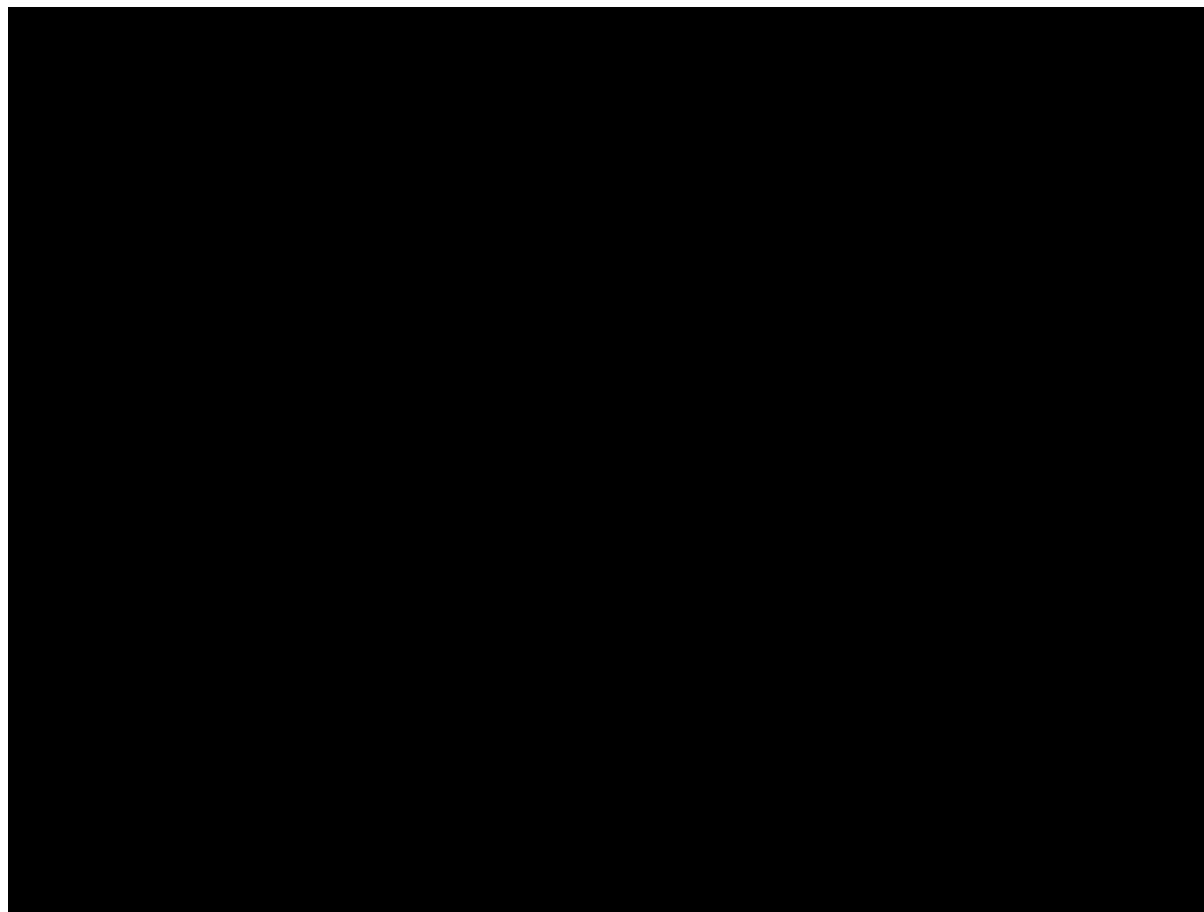
Debrief

Latent threats: the link with quality & safety

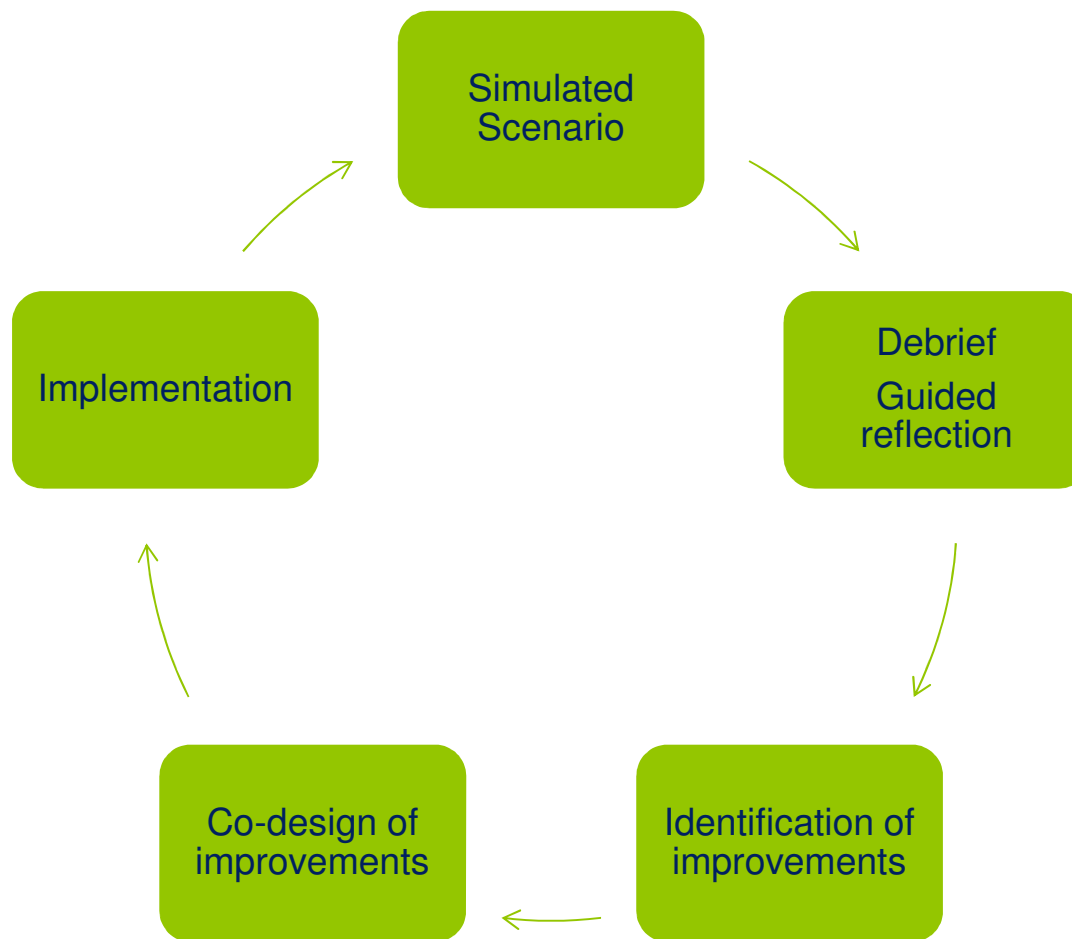


Reason, J. BMJ (2000)

Simulating the ECMO referral process

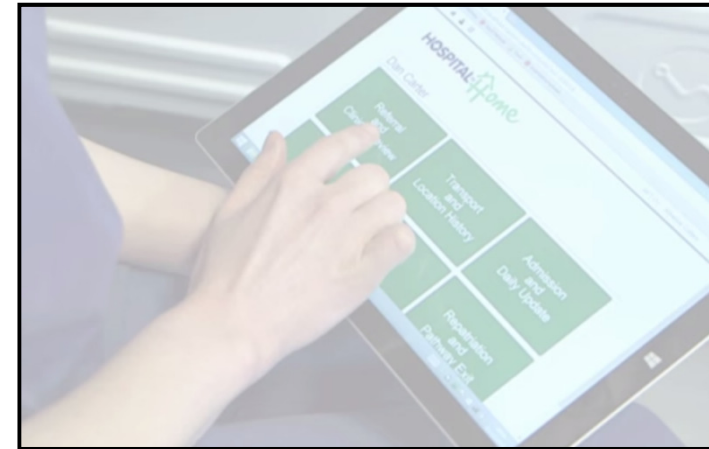


Using simulation for service evaluation & improvement



Outcomes

- ✓ **N%** agreed simulation was an effective method for service evaluation
- ✓ Facilitated co-design of system redesign
 - ✓ Web based pathway
 - ✓ Cross site multidisciplinary team meetings



Outcomes

*Insert picture from
network study day*

- ✓ Educational needs addressed via clinical education strategy for the referral network

- ✓ Facilitated development of a functional clinical network
 - ✓ Strengthened relationships
 - ✓ opportunities for shared learning
 - ✓ network events
 - ✓ social media

For more information or to log onto the
pathways please visit:

www.hospitaltohome.nhs.uk

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