Using a Breakthrough Collaborative Series (BTS) to improve outcomes for patients experiencing physical deterioration

(Wessex Patient Safety Collaborative 2016-17)

(2) Direct the rider
Find the Bright Spots, Script the Critical Moves, Point to the Destination

QI teams from Wessex organisations used the Model for Improvement to identify their local critical moves and direction of travel (aims, drivers, change ideas and PDSAs) within the overall topic of Physical Deterioration.

QI teams engaged in the BTS identified plans to change their practice relating to:
- National Early Warning Score (NEWS)
- Recognition / Early Assessment of Deterioration
- Response and Effective Escalation inc. Situation, Background, Assessment, Recommendation (SBAR)
- Fluid Balance Monitoring / Reduction of Acute Kidney Injury
- Improving time to IV antibiotics
- Electronic Patient Monitoring Systems
- Saving Babies Lives by reducing smoking
- Safe and reliable Paediatric Transfers

Impact of the BTS Collaborative
Improvements in staff capabilities and patient care were identified via evaluation and qualitative feedback and included:
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(3) Motivate the elephant
Find the Feeling, Shrink the Change, Grow your people

Teams involved in the BTS reported growth in capability evidenced by increased skills, knowledge and confidence amongst participants. Participants also reported a positive and enjoyable learning experience.

(4) Shape the path
Tweak the Environment, Build Habits, Rally the Herd, Keep the Switch Going

Wessex PSC used the BTS methodology to develop QI capability across the Wessex landscape and intends to “hold the gains” and “keep the switch going” post BTS by supporting individuals and organisations involved in QI projects that align with the PSC national Deterioration workstream.

Measurement for Improvement
14 teams adopted the new AHSN LIFE QI Platform to help them measure and assess the effects of their small tests of change in order to improve their outcomes. During the time of the BTS they jointly recorded:

74 Change Ideas
72 PDSA Cycles
32 Run/SPC Charts
11 Documents Shared

Wessex PSC Workplan 2017/18 with Deterioration Projects highlighted

Deterioration & Sepsis
- Deterioration / Sepsis Network
- NEWS in Acute; Community; Primary Care
- ED checklist
- Safer Practice Framework
- Primary Care Adult Transfer Form
- Learning From Deaths

Wessex CIMS – Connect, Innovate, Measure, Scale
- Emergency Department Network
- Emergency Surgery Network
- Primary Care Forum
- ScaleUp4Safety

Maternity & Neonatal
- Support for NHSI MAH Collaborative
- SCORE debriefing
- QI visits
- Access to LIFE & QIP

Culture
- Quality Improvement Programme
  - Human Factors
  - Ergonomics
  - Promoting Positive Practice
  - QI Science
- Communities of Practice, Networks
- Patient/Carer co-production
- Scale Up Methodology (Spread)
- QI Support (Resources & Coaching)

Co-production

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