Our MCQIC learning session was held on 23 October 2019 at Stirling Court Hotel for all three communities. We hosted 150 delegates, discussing ‘What Matters to You in Delivering QI?’ through sessions to brush up on QI skills and methodology as well as programme-specific sessions for maternity, neonatal and paediatrics with guest speakers from Healthcare Improvement Scotland and NHS boards.

Our introductory speakers of the day were Bernie McCulloch (Improvement Advisor), Joanne Matthews (Head of Improvement Support and Safety) and Paul Gray (Honorary Professor, University of Glasgow, and former Chief Executive of NHS Scotland), who all spoke about the aims of the MCQIC programme and how we can improve using QI, perseverance and commitment.

How to get from here to there
What is a systems thinking approach to quality improvement? Why is it important and how do different parts of the system rely on and interact with each other? David Maxwell’s (ScIL Programme Professional Lead, NHS Education for Scotland) session explored these questions and key aspects of any system that we need to think about to bring about a change, discussing the differences between simple, complicated and complex issues. Delegates were then on their feet for an exercise to realise what contexts we feel most comfortable working in, what this means for how we view problems and where we think the majority of the improvement work we are involved with sits.

A roadmap of change
This session was hosted by Michael Canavan (Portfolio Lead for Quality Management System, HIS) and was for delegates new to QI or looking to polish up their QI skills. This session gave an introduction to improvement methods and how to find opportunities for improvement. Delegates learned about real-life examples and learning tools to support improvement and shared tips and tricks for successful QI through the opportunity to learn from colleagues.

So you know how to do a PDSA?
The outcomes for Scott Purdie’s (Associate Improvement Advisor, HIS) session were to be able to successfully run multiple PDSAs in one day, collect data from PDSAs as you go, know when a change concept is ready for implementation and sustain the improvements through learning about standardising the work and having clear and correct roles and responsibilities. This session provided a refresher for some and a jumpstart for others new to QI.
**NEONATAL – session 1**

Preterm perinatal wellbeing package: you are the expert! In this session, hosted by our clinical lead Dr Colin Peters, neonatal colleagues explored elements of the preterm perinatal wellbeing package, including early breast milk. The focus was on sharing experiences and generating ideas for improvement through tabletop discussions and exploring what colleagues could do next when they go back to their board, such as using PDSA charts.

**PAEDIATRIC – session 1**

Paediatric sepsis This session for paediatric colleagues explored improvements with sepsis. Drew McDonald and Dr Catharina Hartman presented NHS Grampian’s journey with sepsis and encouraged delegates to participate in workstations focusing on pertinent issues in the recognition, response and escalation of sepsis.

**MATERNITY – session 1**

‘Growth’: past, present and future? Delegates heard some of the evidence shaping Scotland’s priorities in stillbirth in this session from our clinical leads, Angela Cunningham and Professor Alan Cameron, by showcasing the latest data from boards in Scotland. Sarah Stock, Consultant Obstetrician and Senior Clinical Lecturer, presented evidence on AFFIRM and growth charts before Andrea Blotkamp and Sophie Relph from NMPA talked about how this relates to the SPSP maternity programme.

The overall average engagement rate for the event’s Twitter campaign was 6%, which is just shy of “high engagement”, according to industry standards. The tweet issued on the day that had the highest level of engagement was Jason Leitch’s intro tweet. It was also noted that the hashtag #MCQIC19 was trending on the day.

Thank you to all of our delegates who got involved on Twitter on the day!
JOINT MATERNITY & NEONATAL – session 2

Confronting the grunting This session hosted by the maternity and neonatal programmes discussed keeping mums and babies together by focusing on improving term admissions from ‘grunters’ (respiratory complications). A national overview of progress and data was presented by Dr Lesley Jackson’s team from NHS Greater Glasgow and Clyde, who shared their improvement project ‘GO to Mum’, followed by an opportunity to explore and share with colleagues across the country. ‘We are all on the same journey, we all want the same destination - the best outcomes for mothers, babies and families. To achieve this we must collaborate when and where we can.’ (Angela Cunningham)

PAEDIATRIC – session 2

Tackling overfasting in the paediatric day surgery unit Dr Su Ying Ong from the Royal Hospital for Children, NHS Greater Glasgow and Clyde, presented a QI project on tackling overfasting of children in the day surgery unit with a range of interventions including providing ice lollies to the children up to 1 hour before surgery. Discussion focused on how the change was spread, how they made the change stick and the main learning points that the team took away from the whole experience.

Following this, attendees had the opportunity to discuss what matters to them in QI and their priorities for their own improvements that they can take back to their boards.

CLOSING SESSION

Jason Leitch CBE, National Clinical Director, Scottish Government, rounded off our day by showing off some of Scotland’s work and celebrating our delegates’ successes.

- Rate of ventilator associated pneumonia (VAP) for Scotland’s two paediatric intensive care units from 2013 to 2019 reduced by 86%
- 11 of 18 units reporting consistently October 2013 to March 2019 on their total severe postpartum haemorrhage rate
- NHS Highland (Raigmore and Caithness) - 7 months with no stillbirths.

‘There is still more to be done, but I know you as a community have been working hard on fetal growth and measurement aspects’ (Jason Leitch)

FEEDBACK FROM THE DAY

Was pleased to see a very balanced approach which included staff views more openly

- It was an excellent and inspiring day

- Fantastic sessions, very interesting. Particularly enjoy hearing about other areas implementing new ideas

- This has given me the confidence to put myself forward for QI opportunities and that it can take a long time for things to change, resilience is essential!

Great to see that there is lots of good work being done in the NHS to provide excellent patient care

- It was very informative and supportive