

background, assessment, recommendation (SBAR) technique and safety briefs (FIGURE 2), have been established in almost all units, and bundles of care for high-risk medicines, line insertion and maintenance are in widespread use. NHS boards are demonstrating good compliance at local level with many process measures and are now starting to see improvements in important outcomes (FIGURE 3).

There have also been developments that, although not part of the core programme, have arisen directly from the improvement work. The ‘intubation pause’, used to ensure that the correct staff and equipment are in place for intubation, and the ‘warm bundle’, a checklist of steps of thermal care to reduce hypothermia in newborn infants, are such examples.

There have, of course, been challenges. Quality improvement science methodology can seem counterintuitive to clinicians who are used to spending weeks or months seeking a perfect solution to a problem, and the PDSA (plan-do-study-act) cycles advocated to drive improvement are often misconstrued. This confusion can lead to a misunderstanding of why the data are being collected and a resultant lack of local ownership. MCQIC is planning a further series of online meetings to focus on the use of data for improvement and take every opportunity to encourage this during site visits.

In addition, experience has demonstrated that the huge raft of measures that arose from the enthusiasm of the SLWG at the start of the programme was overambitious and some of the measures seem less relevant than they did in the abstract. Having learnt from this, MCQIC is now looking at adopting a phased approach with greater focus on fewer outcomes to achieve greater traction, engagement and ultimately improvement in care delivery. There is no doubt there is an ongoing enthusiasm to build on previous work to improve the already good safety profile of neonatal services in Scotland. All the staff working within the SPSP neonatal strand and staff in the units



FIGURE 2 A unit ‘huddle’ at the Ayrshire Maternity Unit, Crosshouse Hospital. At this meeting, clinical managers from each ward (eg maternity outpatients, labour ward, postnatal ward, neonatal unit) gather for 10-15 minutes with the consultant neonatologist and obstetrician to discuss workflow and staffing levels.

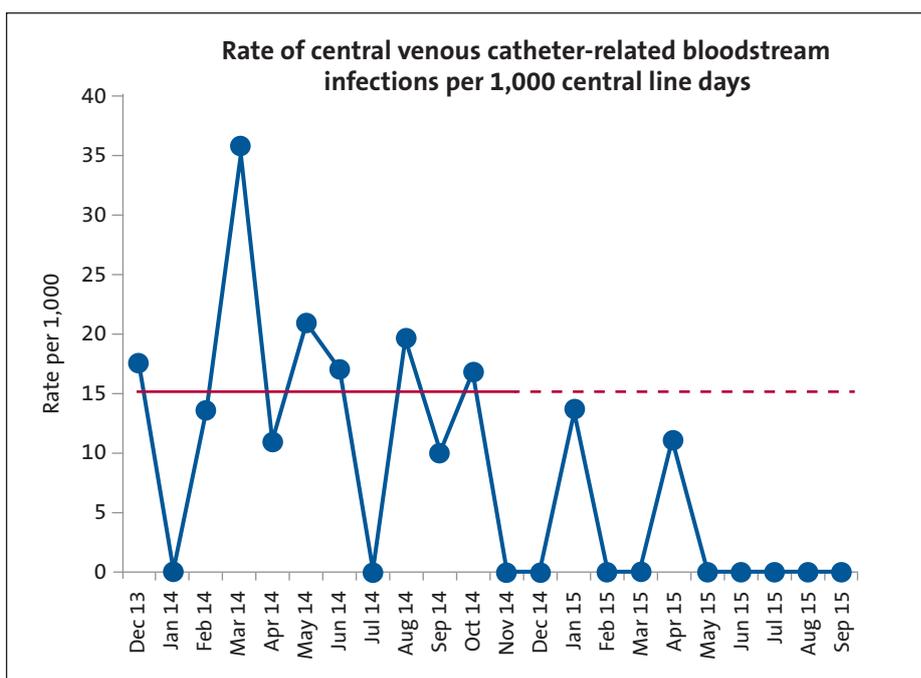


FIGURE 3 A reduction in the number of catheter-related bloodstream infections over the past 22 months at the neonatal unit at Ninewells Hospital in Dundee (NHS Tayside). The red line indicates the median rate. The reduction is attributed to various process measures that include strict adherence to two-person insertion, gloving and gowning with any procedure that involves a line breach and early removal of lines that are no longer needed. Published with permission from Alison Wright, NHS Tayside.

look forward to developing the programme into 2016 and beyond.

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