DEVELOPING REAL-TIME ONLINE INDICATORS FOR STROKE CARE USING THE SSNAP AUDIT

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Background
• The Sentinel Stroke National Audit Programme (SSNAP) is the national stroke care register in England, Wales and Northern Ireland.
• A suite of bespoke reports are routinely produced for clinical teams. These reports are produced every 4 months and include comprehensive full results portfolios, summary reports, slideshows and many more.
• As a supplement to these routine reports, SSNAP aimed to provide ‘real-time’ data to prospectively guide, inform, and plan patient care. Data is more effective when it is provided more quickly.

Methods
• Selected hyper-acute (first 72 hours) aspects of care were chosen to display real-time feedback from October 2016.
• Teams are provided with immediate, minute-by-minute feedback on key indicators of care quality, including timings for brain scanning, stroke unit admission, and swallow screening.
• Boxes are colour-coded for every patient to show ‘at-a-glance’ whether an indicator has been achieved.

Results
• Clinicians have described the online indicators as a “massively useful tool for data validation” and “real-time analysis”.
• 10 real-time indicators are now available to assess performance for every record entered onto the registry (over 80,000 per year) for 1305 clinical users at 151 routinely admitting teams.

Conclusion
• Clinicians are now able to view real-time data, useful as both a feedback and review mechanism, identifying trends in performance and quickly finding patients who have not achieved specific acute care processes.
• The tool can also be used as a basis for making action plans for quality improvement projects.
• This approach to driving quality improvement through real-time feedback on patient care processes could be adopted in other quality registers, with the aim of producing increasingly real-time data.