How MEG helped Guy's &
St Thomas' NHS Foundation
Trust revolutionise their IV Audit
process, slash auditing and
reporting times by +80%, while
improving patient outcomes.

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The infection control team in Guy's and St Thomas' have implemented the MEG Audit Module based on its ease of use, the quality of its reports and its value for money. Adapting the system to our needs will help to maintain our hygiene standards and increase the effectiveness of our team.

Neil Wigglesworth
Director of IPC Guy's & St Thomas' NHS Foundation Trust

The Client

> **9,023 hours**
> Saved annually across the Trust

> **£252,001**
> Savings in increased productivity

> **2 days**
> Total implementation time

NHS

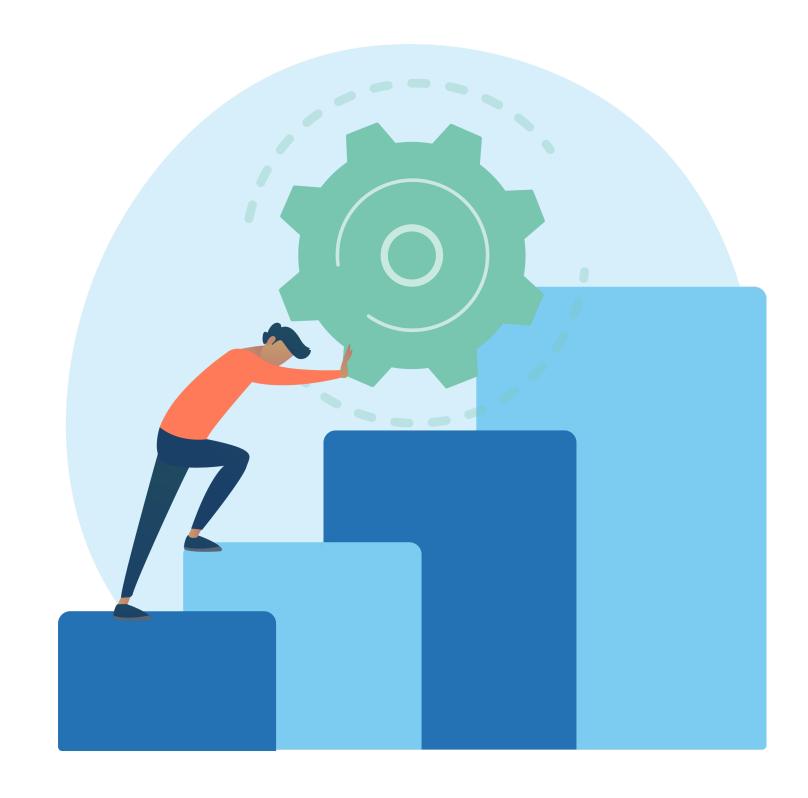**Guy's and St Thomas'**
NHS Foundation Trust

Infection Prevention & Control Team

London, UK

The Challenge

Migrating from a paper to a digitised, automated system with minimal disruption.

Audit and surveillance of IV intravenous access devices is the mainstay of the IV Team. Recent expansion of clinical activities meant the monthly paper-based IVAD audits performed by the team placed a significant burden on their time and energy. When faced with increased demands on the service, audit was the first task to be sacrificed. Lack of audit data impacted the ability to provide the Trust with assurance of our compliance with guidelines. Over nine months, the limited number of audits performed demonstrated a significant deterioration in standards of care.

Audits had been paper-based. Monthly audits were time-consuming with up to 4-hours spent collecting data in a single ITU alone. Significant additional time was then required inputting audit data into the local IT system.

Feedback provided to ward staff was often delayed due to competing events. Ward staff were frequently confused by data sent and lacked an understanding of results. Monthly reports were onerous and labour-intensive, taking two days to produce. Data was unreliable due to human error during manual data collection, as well as duplication errors when inputting to the IT system.

The Solution

Migrating from paper to a digital, mobile-first Audit Management system with minimal disruption.

With limited time and resources available, MEG's digital Auditing Management system was initially used by the IV Team for the monitoring and surveillance of intravenous access devices. It was then rolled out to the entire IPC team (50 members) and supporting link nurses for a full Trust-wide (1,200-bed) deployment over the course of two days, based on excellent user feedback, measurable outcome improvements and demonstrable compliance.

New users reported they found the software 'extremely easy to use' on on both mobile and desktop devices. Data input was instantaneous, with simple click, swipe and scroll actions allowing auditing to be quickly conducted anywhere - even in areas of low connectivity. Immediate access to analytics and automated reporting meant timely interventions on the ward were possible. Staff reported greater engagement with clear and understandable feedback and quality improvement plans generated in real time.

The flexible system was also configured to simplify and align with the existing language and processes of the Trust. All of this aided faster adoption and allowed its use to be quickly scaled.

Integration with other MEG modules and features meant data siloing was prevented these include Document Management & Guidelines on Mobile Devices, Incident Reporting, as well as Calendar and Staff Notification functionality.

Adopting the new digital system and workflow automation for the Audit Management process reduced the time taken to identify and prioritise factors contributing to infection risk, implement effective plans to prevent and control the spread of infection, and demonstrate compliance with best practice and regulatory standards.

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The degree of flexibility in the system and the responsiveness of their team to our requirements has been really impressive. It has become an indispensable part of our auditing and reporting process.

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The IV Team in Guy's and St Thomas' (GSTT) have been using MEG Auditing for over 2 years now and it has been of great benefit. It was really easy to set up and use! We're carrying out increased surveillance and getting instant feedback which is helping to improve standards.

The Result

Faster, accurate data collection and standardised auditing processes and performance tracking across the hospital resulting in improved patient outcomes.

MEG's digital Audit Management system has revolutionised the Trust's approach to auditing. Some of the major benefits reported were related to increased productivity, improved staff engagement, and a better understanding of risk and problem areas:

- Time required to conduct audits was significantly reduced by 50%.
- Time to produce reports reduced from days to less than 30 mins.
- Visual nature of reports engendered interest across the entire Trust
- Outcomes continually improving through responsiveness to issues highlighted

Using MEG's mobile-first approach, frontline workers and hospital leadership were able to quickly and easily connect with all the information and tools they needed to efficiently collect and understand their data, implement impactful quality improvement and patient safety initiatives, and assure compliance with standards.

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Now whenever a member of the team is tasked with monitoring infection prevention or quality improvement initiatives, we tell them to just 'Go MEG It'!

meg | ENGAGE MEASURE IMPROVE

Discover how you can drive a culture of quality improvement today.

Save time and increase your teams' productivity with digital audits, task scheduling, smart notifications, real-time insight reports and KPI dashboards.

Schedule a demo today!