

Case study



King's Mill Hospital welcomes the Clean-Trace Clinical ATP system for monitoring hygiene

Many hospitals across the UK are welcoming the use of adenosine triphosphate (ATP) bioluminescence as an effective method of rapid hygiene monitoring. Within days of implementing the Clean-Trace Clinical ATP hygiene monitoring system from 3M Health Care, King's Mill Hospital in Mansfield observed improvements in hygiene levels.

With over 800 beds across two sites, the Infection Prevention and Control team at King's Mill Hospital, part of the Sherwood Forest Hospitals NHS Foundation Trust, is committed to continually improving the hygiene levels at the hospital. Led by Elaine Overton, Senior Nurse & Lead for Infection Control, the team identified a requirement to monitor and improve the cleanliness of patient equipment. So, when they were introduced to the Clean-Trace Clinical ATP system by their local 3M representative, it was a logical decision for them to adopt the system.

The Clean-Trace Clinical ATP system was introduced, initially, on two wards to test areas considered to be 'hot spots', areas that were prone to repeated contamination. Within days of implementing the system, the team identified the need to make changes to cleaning practises and notable improvements in ward hygiene levels were observed as a result. Moving forward the system will be rolled out to other wards and ultimately it will be used for routine ward management and audits across all wards in the Trust.

Currently, testing is performed by the Infection Prevention and Control team, with results being reviewed and discussed with the Ward Leaders and finally, reported to the Chief Executive and the Executive Director Nursing Service / Director of Infection Prevention and Control. Plans are in place for this to change, with ward staff taking responsibility for monitoring the hygiene levels of their own areas. The Infection Prevention and Control team believe this will help to develop education and training around hospital hygiene.

Elaine Overton commented: "The Clean-Trace Clinical system helps us demonstrate that effective and efficient cleaning has taken place and our staff have welcomed it as it allows them to improve the work they perform. Furthermore, the system has allowed the Trust to enhance the importance of good environmental cleaning, so much so that we will be purchasing more units in the near future to enable successful roll out across the Trust."



Justin Burns, Territory Manager at 3M Microbiology concluded: "Elaine and her team have embraced the Clean-Trace Clinical system. They have recognised the benefits the system can bring and their enthusiasm has rewarded them with improvements in hygiene levels very quickly. The improvements will not only benefit the hospital staff and management, but patients too, they have the reassurance that their hospital is committed to improving hospital cleanliness."

Currently, **the Clean-Trace Clinical ATP system is the only ATP system to have received a Level 1 recommendation from the Department of Health's Rapid Review Panel (RRP).** Trials of the system have been completed in seven Showcase Hospitals across England as part of the HCAI Technology Innovation Programme and the Department of Health report on the findings of these trials is now available.

For more information on the innovative 3M™ Clean-Trace™ Hygiene Management Solution or the Department of Health Showcase Hospitals Trial report call Customer Services on **01509 613191** or visit our website at www.3m.com/HospitalHygiene.

Photographs courtesy of King's Mill Hospital, part of the Sherwood Forest Hospitals NHS Foundation Trust.