

# Hand Hygiene Compliance Monitoring Solution



## Case Study: Greater Baltimore Medical Center

### The Greater Baltimore Medical Center Improves Hand Hygiene Monitoring and Feedback with RTLS/Wi-Fi Compliance Monitoring System

“Hand Hygiene is the single most important thing healthcare workers can do to keep our patients safe. AiRISTA’s Hand Hygiene Monitoring Solution is a great asset in improving our overall compliance and in detecting the barriers that our team members often face in order to be compliant”.

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The Greater Baltimore Medical Center (GBMC), a 327 bed hospital in Baltimore, Maryland has implemented a real-time hand hygiene monitoring solution in efforts to improve compliance and increase the number of hand hygiene observations available for study. The Medical Intensive Care Unit (MICU) has implemented AiRISTA’s (Sparks, MD) Hand Hygiene Compliance Monitoring solution and Real-Time Locating System (RTLS) platform, providing the unit with immediate compliance feedback and detailed customizable reports.



Each MICU team member (n=46) wears a unique tag/badge and is monitored for hand hygiene on entry and exit of each patient care room. The tag provides a signal if hand hygiene was missed upon entry or exit, allowing the staff an opportunity to self-correct. AiRISTA’s software solution provides portal access allowing Infection Prevention and MICU Leadership to evaluate hand hygiene over time as well as drill down to specific hours, patient rooms and specific team members. Daily compliance reports are also emailed to all unit personnel providing the compliance detail by the hour, by discipline and by entry vs. exit opportunities.

The median number of hand hygiene opportunities in the MICU increased from 30 observations a month utilizing anonymous observers to approximately 430 observations in a normal 24-hour period. Hand Hygiene compliance has increased to a current average of 82%, ranging from 76.3% to 93.3% daily.

With AiRISTA’s RTLS/Wi-Fi Hand Hygiene Solution, the Greater Baltimore Medical Center is driving improvements in hand hygiene and culture of safety in the Medical Intensive Care Unit.

GBMC Hand Hygiene Compliance Oct 13 to Jan 14  
(Full Roll Out- All Technicians, Nurses, Respiratory Therapists and All Shifts)

