HAND HYGIENE
Compliance Monitoring Systems

ASSESSING HAND HYGIENE COMPLIANCE FOR YOUR HOSPITAL

UNDERSTANDING BEHAVIOR CHANGE

Halyard Health takes a human-centered approach when evaluating Healthcare solutions, taking into consideration clinical outcomes and clinician workflow needs.

Training is important in behavior change, and Halyard® has issued more than 180,000 Clinical Continuing Education Credits.¹

We understand how to design for human behaviors with hygiene solutions and brands that interact with more than one billion people every day.

HAND HYGIENE OBSERVATIONS IN THE MARKETPLACE

We have learned more hospitals are considering automated compliance monitoring systems as part of their infection prevention protocols.

Follow this guide, developed from Halyard’s extensive research with hospitals, when assessing hand hygiene compliance monitoring systems for your hospital.
THE BENEFITS OF COMPLIANCE MONITORING SYSTEMS

Hospitals are becoming more diligent about monitoring hand hygiene, moving toward automated compliance monitoring systems over human observation.

24/7/365
An automated system may provide more constant and consistent results, because they are designed for 24/7 active monitoring.

Unlike human observations, automated systems capture most patient room entry and exit episodes.²

REPLACES SECRET SHOPPERS
Automated systems are often replacing human observation, also referred to as “Secret Shoppers”.

Using Secret Shopper sampling methods, hospitals may overestimate their actual hand hygiene compliance by as much as 300%; in fact, hand washing compliance is closer to 40 percent according to the CDC.³

HAIS
Some hospitals using an automated system have claimed to statistically reduce HAIs and HAI-related costs (e.g. length of stay) when implemented as part of their infection prevention protocol.⁵

Some systems even offer data analytics to help identify and reduce opportunities to transmit infections.⁶ Are you ready to take the next step toward a Hand Hygiene Compliance Monitoring System?

NOT ALL COMPLIANCE MONITORING SYSTEMS ARE CREATED EQUAL

Because not all systems are alike, we have developed this Guide for Successful System Selection and Implementation to improve your knowledge and help you understand what questions to ask when evaluating a system.

• What are our hospital’s goals for hand hygiene and infection prevention?
• How will the system impact staff workflow and culture?
• What resources are required to install and rollout the system?
• What are implications for staff time? How is the system maintained?
• What data is generated and how can my hospital use it?
YOUR GUIDE TO SUCCESSFUL SYSTEM SELECTION AND IMPLEMENTATION

**CLINICAL QUESTIONS TO CONSIDER:**

- Does the system add steps to healthcare worker (HCW) workflow?
  - Many systems require the HCW to face the dispenser when dispensing product to capture user data, while others require you to place your hands at a sensor after washing.

- Does the system provide real-time data?
  - Many of the common compliance monitoring systems have data available in near real-time, while others have data that is delayed a shift or longer.

- What compliance data is important to you?
  - Systems have different capabilities; and most automated systems give at least room entry and exit compliance to support Joint Commission reports or WHO Five Moments.

- What data or referrals exist for compliance, infection reduction, or cost reduction?
  - Many systems are still gaining traction in the market. Ask the system provider about their installed base of customers and their case study data about infection reduction or other cost saving results.

- Does the system deliver workflow applications beyond hand hygiene?
  - If add-on features, such as asset tracking, nurse rounding, patient tracking, temperature monitoring, etc. are important, ask for customer testimonials or referrals.

**TECHNICAL QUESTIONS TO CONSIDER:**

- Power Requirements (wires, outlets, batteries, etc.)
  - Hardware power – Are wires pulled to the dispenser, plugged into outlets, or battery-operated?
  - Badge batteries – Understand how frequently batteries will need to be replaced or badges recharged.

- Does the system work with your existing soap/sanitizer dispensers or products?
  - Many systems require a specific brand soap/sanitizer dispenser, while other systems are dispenser/product agnostic.

- Can the company support a system-wide implementation?
  - Ask for an implementation plan that includes specific resources and staff to support the devices, training, system installation, startup, and ongoing monitoring.

- What clinical reports and maintenance support are provided after installation?
  - Many systems provide some base reports via a data portal, others have custom reports pushed to hospital managers.
  - Ask about equipment warranties and replacement policies for devices (badges, batteries, etc.)

- What will IT need to understand?
  - Most systems require a wireless communication. Some create a custom network, while others are RFID, RTLS, or leverage the hospital’s existing Wi-Fi.
  - It is important to get IT involved early to align on strategy.
REFERENCES:


