THE DEBMED HAND HYGIENE MONITORING SYSTEM

Protecting the PATIENT, CAREGIVER, AND THE HEALTHCARE ENVIRONMENT
THE HEALTHCARE INDUSTRY HAS RAISED THE BAR
But Has Your Hospital?

Hospitals are under pressure to meet the demands of patient care and rapidly changing industry guidelines. These risks can come in many forms, including clinical, financial and reputational.

Centers for Medicare and Medicaid (CMS)
1 in 4 hospitals pay 1% of their total Medicare revenue as a result of poor performance in key infection categories.1

Hospital leaders recognize the threat of CMS penalties and must remain conscious of how they perform against other hospitals to avoid falling into the bottom quartile.

Concerning State of Hand Hygiene
Manual surveillance of hand hygiene compliance yields an insignificant sample size (0.5-1.7% of all events²) and overinflated rates that prevent hospital teams from understanding the true state of hand hygiene compliance.

Continuing this costly, resource intensive practice puts your patients and hospital at risk.

With hospital accreditation status now depending on hand hygiene, healthcare facilities must consider the following:

• Most hospital observers still measure compliance based on wash-in wash-out, yet surveyors are watching for hand hygiene following the WHO 5 Moments and CDC guidelines.
• 50% of the hand hygiene opportunities occur within the patient room³ and out of the line of sight of secret shoppers and manual hand hygiene surveyors

Your Hospital

Joint Commission
As of January 2018, hospitals accredited by the Joint Commission will be cited with a deficiency resulting in a Requirement for Improvement for any individual failure to perform hand hygiene in the process of direct patient care.

DID YOU KNOW? The DebMed System’s patented WHO 5 Moment measurement is achieved without individual badges or hardware.

IT’S TIME TO TAKE ACTION
with The DebMed Hand Hygiene Monitoring System

The DebMed System provides hand hygiene compliance data with actionable results you can rely on to drive lasting behavior change.

Clinically Proven
• The first and only system proven to measure, and report hand hygiene compliance based on WHO 5 Moments and CDC hand hygiene guidelines³,⁴
• Compliance scores are proven as accurate as video monitoring and significantly more accurate than direct observation⁴

Easy to Use
• Uniquely able to capture 100% of hand hygiene events 24/7/365
• Our badge-free system is quick and simple to implement in your facility
• No integration with hospital IT infrastructure, RTLS, or WiFi

Cost-Effective
• Clinically proven to improve hand hygiene compliance and significantly reduce HAIs³,⁴,⁵
• Has demonstrated significant cost savings³,⁵

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In a breakthrough MRSA reduction study published in the American Journal of Infection Control, the DebMed System:

- Increased hand hygiene compliance rates by 25.5%*
- Decreased hospital onset MRSA HAI rates by 42%*
- Resulted in the avoidance of approximately $434,000 in total costs of care for the healthcare facility

This is one of multiple outcomes studies.

SC Johnson Professional has additional clinical evidence demonstrating that improvements in hand hygiene compliance and infection prevention programs can lead to:

82% reduction in MRSA HAIs
- Significant cost savings as a result of improving compliance and reducing HAIs

Research presented at APIC 2014 demonstrated:

66% reduction in Clostridium difficile infections
- An increase in hand hygiene compliance to 93.9% as a result of electronic monitoring and ongoing staff communication

Evidence-Based Compliance Rates
A year-long study showed the DebMed System produced results nearly identical to 24-hour video monitoring.

- DebMed is as accurate as 24/7 video monitoring with a Pearson correlation coefficient (p-value) of 0.004*
- Direct observation presented highly inflated compliance rates over the same period

Globally Validated
The DebMed predictive model has been validated across the globe:

- Research performed in the United Kingdom, Australia and the United States proves a statistically valid relationship between hand hygiene opportunities per patient day and the Nurse to Patient Ratio
- The DebMed System has been proven, time and time again, to accurately predict hand hygiene opportunities based on the WHO 5 Moments guideline
WE MAKE IT SIMPLE TO SUCCEED

- Intuitive online dashboard provides highly customizable reporting based on facility, unit, and room level compliance, for any given period of time
- Lead daily hand hygiene discussions in seconds with insights from DebMed’s actionable, easy-to-read, automated push reports
- Inform your interventions with real-time compliance scores according to the WHO 5 Moments for Hand Hygiene guidelines

Compatible with All Dispensers

Able to capture 100% of all hand hygiene event data using advanced wireless technology:

○ Inside all SC Johnson Professional soap and sanitizer dispensers
○ At the point of care
○ Next to dispensers of any make and model

All in a Surprisingly Cost-Effective System

- Requires no capital investment to implement
- A single annual fee covers all hardware, software, training, upgrades, support and offsite monitoring of system performance
- Has demonstrated positive return on investment in less than one year
- Helps reduce the risk of penalties associated with HAC scores, Readmissions and Value Based Purchasing

ACTIONABLE, RELIABLE DATA DRIVES LASTING CHANGE

The DebMed System is able to capture 100% hand hygiene events – beyond just room entry and exit – and provides compliance scores based on the WHO 5-Moments, CDC & Joint Commission guidelines.

How it Works:

1. All monitored soap and sanitizer dispensers, of any brand, capture hand hygiene events and transmit data to a dedicated server
2. Event data is compared to the number of hand hygiene opportunities that should have occurred based on the WHO 5-Moments to determine your compliance rate
3. Hand Hygiene Reports are quickly and easily accessed from the online dashboard or automatically sent to your inbox

Why it Works:

- Actionable reporting of compliance performance available in real time
- Dashboard reports allow for comprehensive staff engagement: meaningful huddle meetings and lasting culture change
- No bulky badges or bracelets, alarms or beeps to interrupt workflow and patient interactions
- Provides healthcare workers autonomy to make decisions about when hand hygiene is warranted

DID YOU KNOW? Badges are frequently identified as the greatest challenge to successful implementation of an electronic monitoring system
WE'RE HERE TO SUPPORT YOU

Join the Partners in Performance program and gain access to exclusive training and education tools for your healthcare facility. This self-serve, online portal provides access to a comprehensive library of resources whenever you need them, including reminder tools, training materials, and clinical data.

As skincare, cleaning and hygiene experts, we provide a complete program that includes:

- Provide the highest level of patient care
- Demonstrate the highest standards of behavior through proper hand hygiene techniques
- Provide training techniques for more than just in and out
- Dedicated field-based infection prevention partners

Register today at www.scjp-partnersinperformance.com

References: