The DebMed® Integrated Hand Hygiene Compliance and Skin Care Program

Achieving Proven Clinical Outcomes Against Healthcare-Associated Infections

Make Hands Matter in the Workplace
A PERSISTENT THREAT
to Health, Safety & Efficiency

A lack of hand hygiene compliance by healthcare staff continues to be a significant contributor to the spread of pathogens, resulting in HAIs and affecting hospital reputation and the risk of financial repercussions.

The traditional method of direct observation is proven to be flawed and unreliable for measuring hand hygiene, inflating compliance rates by 300%.

According to the CDC, WHO and Joint Commission, real hand hygiene compliance lies at less than 50% in most hospitals.

The condition of healthcare staff hands can be a significant barrier to hand hygiene compliance with 1 in 7 US hospital staff members suffering from dermatitis.

The overall average direct cost of an HAI is up to $22,000.

The direct costs of hospital acquired infections in Canada are estimated to be $1 billion annually.

Just one case of staff dermatitis in hospitals can cost an employer $3,300 and an average disability of 16.4 days.

Implementing best practice makes a significant difference in increasing compliance and reducing HAIs

- **Universal Standard** - Follow the “4-Moments for Hand Hygiene” Guidelines, adapted from the World Health Organization (WHO) guidelines for a higher standard of hand hygiene behaviour in hospitals

- **Monitor and Feedback** - Provide meaningful and actionable feedback for hospital staff to lead to a positive and sustainable change in hand hygiene behaviour

- **Skin Health** - Integrate skin care with hand hygiene to improve the skin health of hospital staff and reduce barriers to hand hygiene compliance

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3. www.ncbi.nlm.nih.gov/pmc/articles/PMC2827870
A unique, integrated hand hygiene compliance and skin care program.

The DebMed® Program is customized to each healthcare environment - proven to increase hand hygiene compliance and reduce HAIs by 42%. In a breakthrough 3-year clinical study (2012 - 2015) at a large US academic medical center, the DebMed® Program was proven to: improve hand hygiene compliance by 25.5%, reduce HAIs like MRSA by 42% and result in overall cost savings of $434,000.7

The DebMed® Program integrates three key elements:

- **ESSENTIAL Products**: A complete range of hand hygiene and skin care products developed specifically for healthcare and safe for frequent use.
- **VITAL Information**: An electronic system clinically and scientifically proven to be an accurate and reliable method of measuring hand hygiene compliance following the ‘4-Moments’.
- **HIGHEST Standards of Behaviour**: A comprehensive range of best practice tools, featuring ‘Deborah’, your partner in compliance, resulting in improved hand hygiene behaviour for hospital staff.

DebMed® can be tailored for any healthcare environment. It ensures the right products are available where and when needed, enables hand hygiene and skin care best practice, and will bring real sustainable health and financial benefits to hospitals, patients and staff.

7 Kelly W.J. et. al; AJIC 2016
The DebMed® product range is dedicated for healthcare environments.

It is carefully designed to incorporate highly effective restore creams with hand & body washes and hand sanitizers. Products are fully tested for effectiveness and skin compatibility.

**ESSENTIAL Products**

**CLEANSE**

Full range of routine and antimicrobial hand and body wash products that are gentle on the skin to encourage frequent use.

**SANITIZE**

Alcohol-based hand sanitizers to kill pathogens on the skin without the need for water.

**RESTORE**

Creams and lotions to moisturize hands throughout the shift to help keep them healthy.

**DEBMED® DISPENSERS**

A range of uniquely designed dispensers to encourage use and compliance with a full hand hygiene and skin care program.

- Designed to be universally understood in cross-cultural, multi-lingual environments
- **Vibrant colour-coding**, transparent covers and language neutral icons

Protected with BioCote® silver-based antimicrobial agent to inhibit the growth of a broad spectrum of bacteria, fungi and molds on the dispenser surfaces

- All dispensers are guaranteed for life against normal wear and tear

**Custom Dispensers**

- Tailored to your specific needs including your logo and specific button colours.
- Capability for full colour, photographic images, logos, etc.

Products

**ESSENTIAL SANITIZE**

Alcohol-based hand sanitizers to kill pathogens on the skin without the need for water.

**CLEANSE**

Full range of routine and antimicrobial hand and body wash products that are gentle on the skin to encourage frequent use.

**SANITIZE**

Alcohol-based hand sanitizers to kill pathogens on the skin without the need for water.

**RESTORE**

Creams and lotions to moisturize hands throughout the shift to help keep them healthy.
Providing hand hygiene compliance data with actionable results you can rely on to drive lasting behavior change.

The DebMed® Electronic Hand Hygiene Compliance System is the only research-based, badge-free system that captures all events based on the ‘4-Moments for Hand Hygiene’ and is proven to deliver a true compliance rate.

The DebMed® System Difference:

- Clinically proven to improve hand hygiene compliance and significantly reduce HAIs (MRSA and C.diff) \(^8,^9\)
- Generates significant cost savings \(^10\)
- Uniquely captures 100% of actual hand hygiene events 24/7/365
- Calculates real time compliance scores according to the ‘4-Moments’ guideline for hand hygiene opportunities - beyond just room entry and exit
- Requires no badges to buy or maintain, supporting efficient workflow
- The calculation model has been scientifically validated to prove it accurately benchmarks the number of hand hygiene opportunities
- Compliance scores are proven to be as accurate as video monitoring and significantly more accurate than direct observation \(^11\)

\(^8\) Kelly, J. W., MD, Blackhurst, D., DrPH, McAtee, W., BS, & Steed, C., MSN, RN, CIC. (2016, June 23). Electronic hand hygiene monitoring as a tool for reducing health care-associated methicillin-resistant Staphylococcus aureus infection. American Journal of Infection Control.  
\(^10\) Data on file.  
The DebMed® System - How it Works

Integrates data capture with the creation of meaningful information that can be utilized on an engaging and actionable format to deliver sustained improvements in hand hygiene compliance.

1. **DEBMED® DISPENSERS**

Monitored soap and sanitizer dispensers capture all usage events and transmit the data to a secure dedicated server using wireless technology, with no hospital IT infrastructure integration required.

2. **DEBMED® DASHBOARD**

Your dashboard is easily accessed securely online, or automatically sent to your inbox, to allow for real-time staff engagement with easy-to-read compliance reports.

3. **DEBMED® SERVER**

Our software compares actual usage data with the hand hygiene opportunity benchmark to create accurate and reliable compliance rates. The calculations are customized and calibrated based on hospital specific criteria to ensure accuracy.
We support you to change staff behaviour & meet the highest standards of skin care.

The full implementation of the DebMed® Program and adoption of the ‘4-Moments of Hand Hygiene’ guideline in a healthcare environment requires a clear and practical approach to create behaviour change as defined in the following four actionable implementation stages:

1. **STAGE 01: DEFINE**
   - Set your desired improvement goal
   - Establish your program leadership team
   - Gain buy-in from employees

   *DebMed® will support your efforts to ensure our program and your compliance protocols match.*

2. **STAGE 02: IMPLEMENT**
   - Upgrade your site to DebMed®
   - Educate your employees on the importance of skin care
   - Train your employees how to adopt the ‘4-Moments’

   *To support this, DebMed® will monitor equipment, and provide a tailored DebMed® Training & Education Toolkit and train your trainers.*

3. **STAGE 03: UNDERSTAND**
   - Establish the appropriate mechanism to enable you to provide regular feedback to employees
   - Communicate your ‘4-Moments’ compliance results
   - Provide meaningful and actionable feedback to your employees that empowers behaviour change

   *To support this, DebMed® will provide an easy to use, secure online Dashboard displaying real-time data and reports.*

4. **STAGE 04: IMPROVE**
   - Help integrate the ‘4-Moments’ into your organizations’ protocol
   - Regularly communicate reminders about hand hygiene & skin care best practice to all your employees
   - Ensure all your new staff are made aware of the importance of hand hygiene and skin care and their responsibility to adopt best practice

   *To support this, DebMed® will periodically review the Program with the Leadership Team and conduct a DebMed® improvement assessment*

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**Deborah - The Innovative Training Tool**

Deborah is your partner in hand hygiene compliance. She is passionate about infection prevention and reducing HAIs through proper hand hygiene behaviour. Her goal is to train and educate the staff in your facility to provide the highest level of patient care and achieve a lasting safety culture.

Deborah is dedicated to collaborating with you on best practices so that together we can make hands matter in the workplace.

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ABOUT DEB

Deb is a world leader in occupational skin care and hand hygiene

We have been providing dedicated skin care and hand hygiene solutions for over 80 years. Our purpose is to set higher standards in leading the fight against occupational skin disorders and the spread of infections. We are committed to working with organizations who wish to engage and empower their employees to Make Hands Matter in the Workplace.

We are at the forefront of research and innovation and have created the world’s most comprehensive range of products and dedicated sector programs to address the skin care and hand hygiene needs of all end users in all market sectors.

- Our products are used over **150 million times** every day
- Deb Group consists of **23 operations** operating in **6 continents**
- **97%** of our products & dispensers are manufactured in our own production sites

Deb Group is a part of SC Johnson, a privately held, family company and one of the world’s leading manufacturers of products for cleaning, home storage, air care, pest control & shoe care.

By implementing the DebMed® Program you will be able to drive long lasting skin care behaviour change in your organization to improve staff skin health, reduce risk and save money.

Learn more at debmed.com

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