



 surewash

**Achieving the
Joint Commission International (JCI)
Accreditation Standards with SureWash**



7 JCI Standards are relevant to the SureWash Training System

Standard IP5G.5

The hospital adopts and implements evidence-based hand hygiene guidelines to reduce the risk of healthcare associated infections.

Standard IP5G.5.1

Hospital leaders identify care processes that need improvement and adopt and implement evidence-based interventions to improve patient outcomes and reduce the risk of hospital-associated infections.

Intent (Extract)

Infection prevention and control are challenging in most health care settings, and rising rates of health care associated infections are a major concern for patients and health care practitioners.

Central to the elimination of these and other infections is proper hand hygiene. Evidence-based hand-hygiene guidelines are available from the World Health Organization (WHO), the US Centers for Disease Control and Prevention (CDC), and various other national and international organizations.

The hospital adopts and implements current evidence-based hand-hygiene guidelines. Hand-hygiene guidelines are posted in appropriate areas, and staff are educated in proper hand washing and hand-disinfection procedures. Soap, disinfectants, and towels or other means of drying are located in those areas where hand-washing and hand-disinfecting procedures are required. (Also see PCI.13)

Some patient care treatments and interventions have been identified as major sources of hospital-associated infections; such as surgical procedures, mechanical ventilation, and insertion of central lines or indwelling catheters. Hospital-associated infections can severely impact a patient's emotional and financial well-being. They are a significant source of complications that can lead to further illness and even death. Many of these infections are preventable. Research studies suggest that implementing practices designed to prevent hospital-acquired infections can lead to as much as a 70% reduction of those infections.

Standard IP5G.5: SureWash’s Role

IP5G.5	Measurable Elements	How does SureWash help?
Q.1	The hospital has adopted current evidence-based hand-hygiene guidelines	SureWash uses evidence-based training following the WHO guidelines to train staff in the correct handwashing and hand disinfectant technique. Our core technology objectively assesses a user’s hand movements to the WHO protocol. A live video image is shown to the user on a screen and real-time feedback is provided on their progress. Broader training on the why and when of hand hygiene is also included to support the practical training. This is available through the lesson and quiz function.
Q.2	The hospital implements a hand hygiene program throughout the hospital.	<p>SureWash is a clear element of a multimodal hand hygiene programme and has been proven to improve technique, while also increasing and maintaining compliance with the 5 Moments of hand hygiene.</p> <p>SureWash is also available in several languages making training easily accessible for workers and contractors in their preferred language. In addition to this, there is supportive audio-visual learning which can help people with special needs or disabilities.</p>
Q.3	Handwashing and hand-disinfection procedures are used in accordance with hand-hygiene guidelines throughout the hospital.	SureWash’s training and re-training followed by objective assessments commits hand hygiene to muscle memory. This ensures that hand hygiene becomes a habit, and the correct technique is performed automatically at the point of care. The SureWash reporting suite highlights when refresher training is needed down to both individual and department level.

Standard IPSG.5.1: SureWash's Role

IPSG.5.1	Measurable Elements	How does SureWash help?
Q.1	Hospital leaders identify priority areas for improvement of hospital-acquired infections	Hand Hygiene accounts for 50% of HAIs and improvements in this area are a key priority. SureWash helps identify gaps in knowledge through our reporting suite. All training data from our core technique training and the lesson and quiz function is uploaded to the SureWash.Net reporting suite. Here hospital leader can identify areas in need of improvement.
Q.2	Hospital leaders identify and implement evidence-based interventions (such as bundles) for all applicable patients	SureWash is an intervention to improve hand hygiene among healthcare workers, but also patients and visitors.
Q.3	Evidence-based interventions (such as bundles) used to reduce the risk of health care-associated infections are evaluated by health care practitioners for compliance and improvement in clinical outcomes.	Proper hand hygiene technique is directly related to reduced HAI's. Since improper hand hygiene accounts for 50% of HAIs, evaluation of training and compliance effectiveness can be directly measured through a set of clinical KPIs. Targets not met in KPIs such as catheter-associated urinary tract infections (CAUTI), central-line associated bloodstream infections (CLABSI) ventilator-associated pneumonia (VAP), surgical site infections (SSI) and others can be caused by improper hand hygiene.

Standard PCI.3

PCI.3

Hospital leadership provides resources to support the infection prevention and control program.

Intent (Extract)

The infection prevention and control program requires adequate staff to meet the program goals and the needs of the hospital and to meet or exceed local laws and regulations related to infection prevention and control.

The number of staff is determined by the hospital's size, complexity of activities, and level of risks, as well as the program's scope. Staffing levels are approved and assigned by the hospital's leadership. Hospital leadership ensures that human resources are available to support the infection prevention and control program. This includes the appointment of a qualified individual(s) to oversee the program and to provide oversight of high-risk areas, staff to provide education about the infection prevention and control program, and clinical staffing numbers that allow for safe practice, including infection prevention and control practices.

In addition, the infection prevention and control program requires resources to provide education to all staff and to purchase supplies, such as alcohol-based hand rub for hand hygiene. Hospital leadership ensures that the program has adequate resources to effectively carry out the program. Hospital leadership approves and allocates the resources and then ensures that they are provided to the infection prevention and control program as intended and meet the specific needs of the hospital.

Information management systems are important resources to support the tracking of risks, rates, and trends in health care–associated infections. Information management functions support the analysis and interpretation of data and the presentation of findings. In addition, infection prevention and control program data and information are managed with those of the hospital's quality management and improvement program.

Standard PCI.3: SureWash’s Role

PCI.3	Measurable Elements	How does SureWash help?
Q.1	The infection prevention and control program is staffed according to the hospital’s size, complexity of activities, and level of risks, as well as the program’s scope.	SureWash training is self-directed and real-time feedback is provided throughout the learning session. Objective assessments are also carried out by the system. All training data is then uploaded to our cloud-based reporting suite. Therefore, SureWash releases time taken for classroom training and in-person assessments. This frees IPC resources to do other complex tasks.
Q.2	Hospital leadership approves and assigns staff required for the infection prevention and control program.	There is a challenge of always assigning enough staff to conduct all IPC tasks, so SureWash is an additional resource that is consistent and trustworthy. It replaces the need for practitioners who might be needed for continued education, monitoring and reporting.
Q.3	Hospital leadership approves and allocates resources required for the infection prevention and control program.	Approval of the SureWash Business case identifies the commitment of hospital leadership to adopt resources that can support their IPC program.
Q.4	Information management systems support the infection prevention and control program.	SureWash provides real-time reporting on training status down to individual level. This data can be filtered by date, department, role etc. and then exported into Excel or PDF format to support the IPC program.

Standard PCI.4

PCI.4

The hospital designs and implements a comprehensive infection prevention and control program that identifies the procedures and processes associated with the risk of infection and implements strategies to reduce infection risk.

Intent

Hospitals assess and care for patients using many simple and complex processes, each associated with a level of infection risk to patients and staff. It is important for a hospital to measure and review those processes and to implement needed policies, procedures, education, and evidence-based activities designed to reduce the risk of infection.

An infection prevention and control program must be comprehensive, encompassing both patient care and staff health. The program identifies and addresses the infection issues that are epidemiologically important to the hospital and that may impact patients, staff, visitors, and vendors. In addition, the program requires a range of strategies that cross all levels of the hospital based on the hospital's size, geographic location, services, and patients. The program includes hand hygiene, oversight for improving the safe use of antimicrobials and ensuring safe medication preparation, systems to identify infections and to investigate outbreaks of infectious diseases, and implementation of a vaccine program for staff and patients. The periodic assessment of risk and the setting of risk reduction goals guide the program.

Standard PCI.4: SureWash’s Role

PCI.4	Measurable Elements	How does SureWash help?
Q.1	The infection prevention and control program is comprehensive and crosses all levels of the hospital, to reduce the risk of health care–associated infections in patients.	SureWash is a key part of a multi-modal strategy. Hand hygiene training and broader infection control education is available for all staff in the hospital.
Q.2	The infection prevention and control program is comprehensive and crosses all levels of the hospital to reduce the risk of health care–associated infections in hospital staff.	The SureWash system is available 24/7 to all staff, patients, and visitors. Hand hygiene training and IPC education can be rotated between departments throughout the year to help ensure refresher training is also delivered.
Q.3	The hospital identifies those processes associated with infection risk.	As hand Hygiene accounts for 50% of HAI’s, adopting SureWash shows a hospitals commitment to reducing infection risk by delivering quality hand hygiene and IPC training to all staff.
Q.4	The hospital implements strategies, education, and evidence-based activities to reduce infection risk in those processes.	SureWash is a complete solution for implementing hand hygiene and infection control education within the hospital. A range of lesson on hand hygiene, PPE, glove use, contact precautions and more are available for your use to help reduce infection risk.

Standard PCI.13

PCI.13

Gloves, masks, eye protection, other protective equipment, soap, and disinfectants are available and used correctly when required.

Intent

Hand hygiene (such as the use of sanitizers), barrier techniques (such as the use of personal protective equipment), and disinfecting agents are fundamental tools for proper infection prevention and control and thus need to be available at any site of care at which they could be needed, including laboratories, other areas where specimens are handled, and laundry facilities. (Also see IP5G.5)

The hospital identifies those situations in which personal protective equipment such as masks, eye protection, gowns, or gloves are required and provides training in their correct use. For example, wearing gloves and a face shield when suctioning a patient, or using gloves, gown, face shield, and appropriate face mask for patients in isolation due to a communicable disease. Liquid soap, disinfectants, and towels or other means of drying are located in those areas where handwashing and hand-disinfecting procedures are required. It is important to follow guidelines for ensuring that liquid soap dispensers are thoroughly and properly cleaned before refilling.

Staff are educated in proper handwashing, hand-disinfection, and surface-disinfection procedures as well as proper use of personal protective equipment. Patients and visitors are also educated on proper hand-disinfecting procedures and when they are required to use personal protective equipment; for example, when visiting a family member in contact isolation or when a patient on airborne precautions is being transported through the organization.

Standard PCI.13: SureWash's Role

PCI.13	Measurable Elements	How does SureWash help?
Q.1	The hospital identifies situations in which personal protective equipment is required and ensures that it is available at any site of care at which it could be needed.	SureWash Lesson 3: PPE Guidelines , ensures that all staff are educated on the situations in which personal protective equipment is required.
Q.2	Staff are trained and correctly use personal protective equipment in each identified situation.	SureWash Lesson 3: PPE Guidelines , trains staff on how to correctly use PPE in different situations.
Q.3	The hospital implements surface disinfecting procedures for areas and situations in the hospital identified as at risk for infection transmission.	N/A
Q.4	Liquid soap, disinfectants, and towels or other means of drying are located in areas where handwashing and hand-disinfecting procedures are required.	N/A
Q.5	Patients and visitors are educated on when they are required to disinfect their hands and how to correctly use personal protective equipment.	SureWash App provides education on how, why, and when to perform hand hygiene. It also includes a lesson on how to correctly use PPE. Lesson 6: PPE Guidelines for Patients & Visitors

Standard PCI.14

PCI.14

The infection prevention and control process is integrated with the hospital's overall program for quality improvement and patient safety, using measures that are epidemiologically important to the hospital.

Intent

The hospital uses measurement information to improve infection prevention and control activities and to reduce health care associated infection rates to the lowest possible levels. A hospital can best use measurement data and information by understanding similar rates and trends in other similar hospitals and contributing data to infection-related databases. All departments/services are required to participate in relevant hospital wide priorities for measurement and also select measures for department/service-specific priorities for the infection prevention and control program. Monitoring data include benchmarking infection rates internally and with external organizations and/or databases.

Standard PCI.14: SureWash's Role

PCI.14	Measurable Elements	How does SureWash help?
Q.1	The hospital integrates infection prevention and control activities into the quality improvement and patient safety program.	Our reporting suite helps identify gaps in learning and areas in need of re-training. This helps to improve infection prevention and control activities and to reduce health care associated infection rates.
Q.2	The hospital collects and analyzes data for the infection prevention and control activities, and the data include epidemiologically important infections.	The SureWash.Net reporting suite provides detailed data on hand hygiene and infection control training compliance over-time. This data can be exported into PDF or Excel format for analysis.
Q.3	The hospital uses monitoring data to evaluate and support improvements to the infection prevention and control program at least annually	SureWash helps identify areas that need improvement through our in-depth training data. This can be filtered by role or department for a specific time-range.
Q.4	Monitoring data include benchmarking infection rates	SureWash helps the IPC team save a considerable amount of time during data collection through the combination of our training and automated reporting. All reports can be exported into excel and IPC personnel can then add the benchmark decided by the organization.
Q.5	The infection prevention and control program documents monitoring data and provides reports of data analysis to leadership on a quarterly basis.	SureWash training reports are included in dashboard format or can be downloaded into PDF or Excel. For the JCI audit, these reports are shown.

Standard PCI.15

PCI.15

The hospital provides education on infection prevention and control practices to staff, physicians, patients, families, and other caregivers when indicated by their involvement in care.

Intent

For a hospital to have an effective infection prevention and control program, it must educate staff members about the program when they begin work in the hospital. In addition, staff receive ongoing education and training related to emerging trends in infection prevention and control. The education program includes professional staff, clinical and nonclinical support staff, patients, and families, and even tradespeople and other visitors. Patients and families are encouraged to participate in the implementation and use of infection prevention and control practices in the hospital.

The education is provided as part of the orientation of all new staff and is refreshed periodically, or at least when there is a change in the policies, procedures, and practices that guide the hospital's infection prevention and control program.

Standard PCI.15: SureWash's Role

PCI.15	Measurable Elements	How does SureWash help?
Q.1	The hospital provides education about infection prevention and control to all staff and other professionals when they begin work in the hospital.	The SureWash lesson and quiz function enables the hospital to deliver education about infection prevention and control that is relevant to their facility. Facilities can use SureWash's curriculum to deliver this education to new staff. This training is available on demand and can be rolled out rapidly.
Q.2	The hospital provides ongoing education and training to all staff related to the hospital's infection prevention and control program and emerging trends in infection prevention and control at least annually.	SureWash enables training and re-training to be delivered to all staff throughout the year. This training is customisable and can be rolled out rapidly to keep up with emerging trends. This training can be scheduled in advance and the SureWash curriculum is at a facilities disposal.
Q.3	The hospital provides education about infection prevention and control to patients and families	The SureWash App is available for patients and families to download. This educates on the how, why, and when of hand hygiene.
Q.4	The hospital communicates findings and trends from quality improvement activities to all staff and included as part of staff education.	SureWash reports can be deployed to show departments their hand hygiene training scores and trends over time. Leader boards can also be implemented onto the SureWash devices to compare department training scores. This is a great way to encourage engagement and enthusiasm during training.

SureWash Curriculum

Every lesson will be assessed with a supporting quiz.

SureWash Lesson 1: The WHO Hand Hygiene Protocol

SureWash Lesson 2: 5 Moments for Hand Hygiene

SureWash Lesson 3: PPE Guidelines

- a) Donning & Doffing Gloves
- b) FFP3 Mask Guidelines
- c) Contact Precautions
- d) Droplet Precautions
- e) Airborne Precautions

SureWash Lesson 4: Hand Hygiene Monitoring (This is customised for each individual institution)

SureWash Lesson 5: Train-The-Trainer

SureWash Lesson 6: PPE Guidelines for Patients & Visitors