

Just Clean Your Hands Program and Public Reporting on Hand Hygiene Compliance

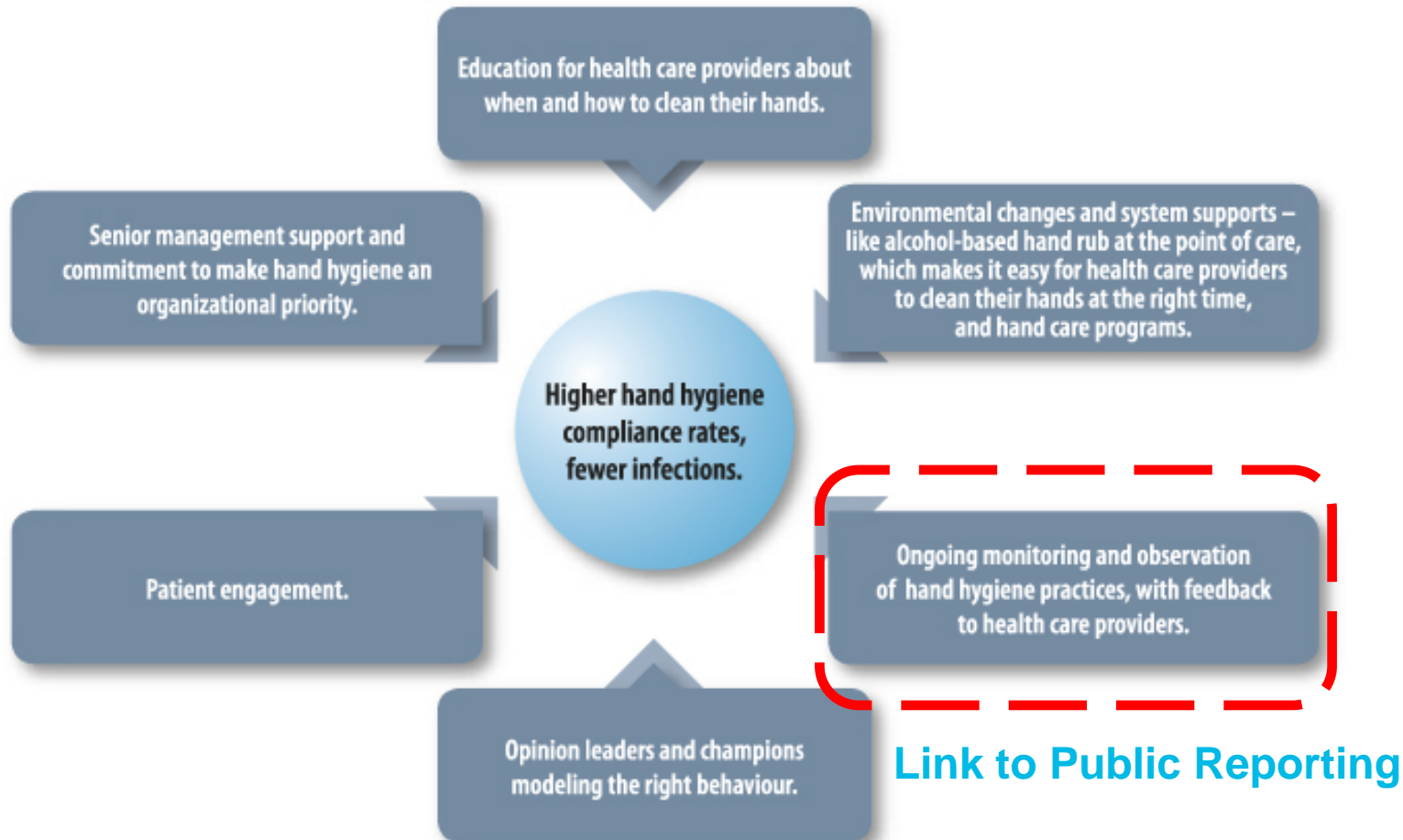
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MOHLTC
Revised February 9, 2009**

Public Reporting of Compliance Rates

- On May 28th the Ontario government announced the phased introduction of full public reporting on eight patient safety indicators – including hand hygiene compliance among health care workers. Beginning April 30, 2009, all Ontario hospitals will be required to publicly report on hand hygiene compliance rates in their facilities.
- Public reporting of hand hygiene compliance will enhance and support the Ministry's *Just Clean Your Hands* Program. Developed by the Ministry and launched provincially in March 2008 this evidence based, multifaceted program provides a model for local hand hygiene practice assessment and improvement.
- International research and experience in Ontario hospitals demonstrated that it takes more than a single intervention to change hand hygiene behaviour. An important component of the solution is auditing of hand hygiene behaviour

Just Clean Your Hands (JCYH)

Multifaceted approach to improving hand hygiene compliance



Why audit hand hygiene?

- To close the gap between perception and reality
- To provide a benchmark for improvement
- To determine how to improve the system
- To identify the most appropriate interventions for hand hygiene education, training and promotion



How?

Through an observation tool and training program that will provide for obtaining rates that are reliable and comparative over time

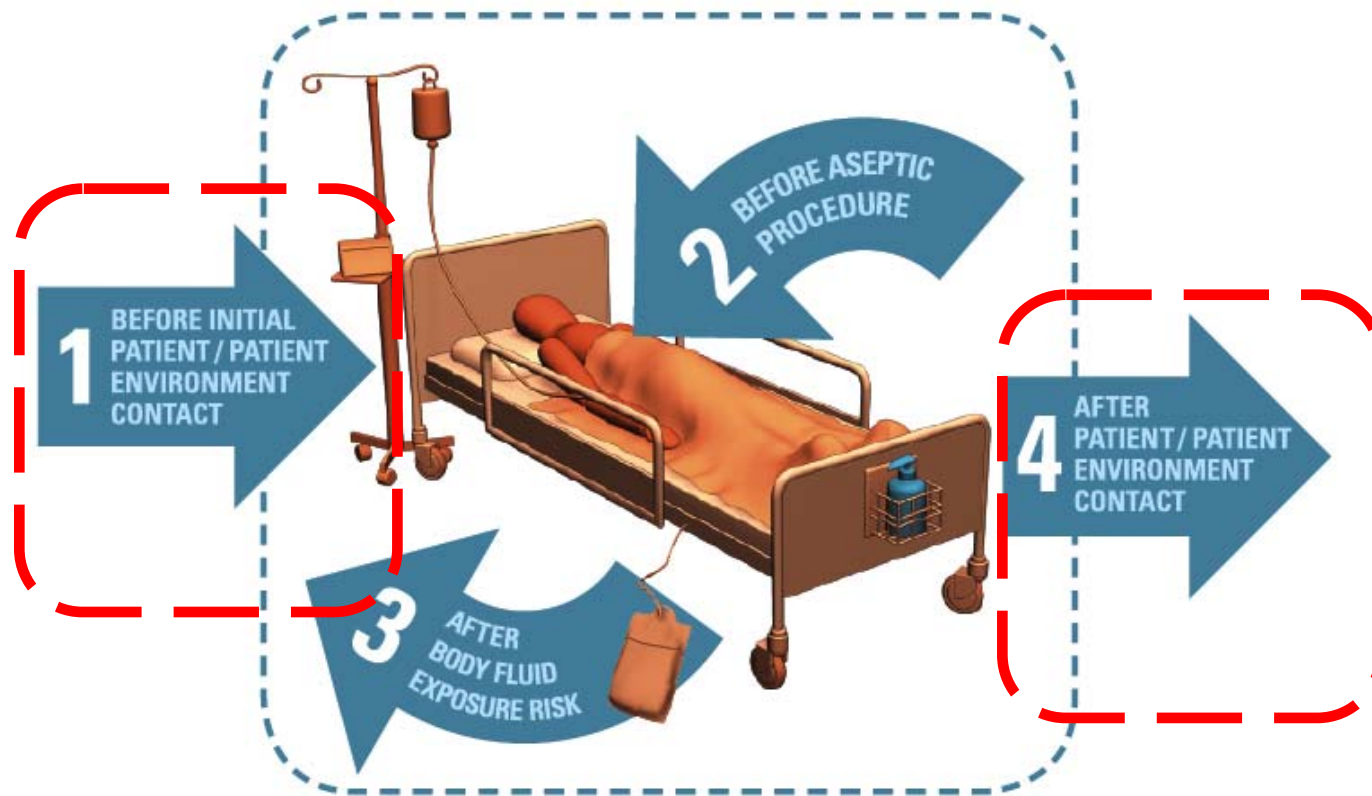
JCYH methodology

- Direct observation using a consistent approach and validated tool, is the most accurate methodology
- The observer familiarizes him/herself with the methods and tools used in the program and is trained (and validated) to identify and distinguish the indications for hand hygiene occurring during health care practices at the point of care
- The observer conducts observations openly, without interfering with the ongoing work, and keep the identity of the health care providers **confidential**
- Compliance should be detected according to the four indications for hand hygiene

Standard definition

- Methodology is based on auditing the essential moments in health care settings where the risk of transmission is greatest and hand hygiene must be performed.
- *Your 4 Moments for Hand Hygiene* provides a standard definition of **what** to audit.
- *Just Clean Your Hands* program provides a standard tool and training program on **how** to audit

The 4 indications for Hand Hygiene




Data will be submitted on all 4 Indications
1 and 4 will be publicly reported

Just Clean Your Hands

Observational audit component

- Provides standard Observation tool, analysis tool and training program
- Allows for comparative provincial data
- Tool also used for national hand hygiene program

Observation Tool 

Observer-ID: [][][][] Form-No: [][] Facility-ID: [][][]
 Date: [][][] [][][] [][][][][]
 Day of Week: _____
 Start Time: [][][] [][][] [][][][]
 End Time: [][][] [][][]

Health care provider (HCP) category:
 1 = Physician 5 = Social Worker 9 = Environmental Services Worker 13 = Dietician
 2 = Nurse 6 = Pastoral Care 10 = Patient Transporter 14 = PSA, PSW, PCA
 3 = Medical Student 7 = IV Team/Blood Collection 11 = Radiology Tech 15 = Other
 4 = Nursing Student 8 = Physiotherapist 12 = Respiratory Therapist

HCP: _____	HCP: _____	HCP: _____	HCP: _____
1 <input type="checkbox"/> BEF-PAT/ENV <input type="checkbox"/> AFT-PAT/ENV T: _____ <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL <input type="checkbox"/> Rub <input type="radio"/> Missed <input type="checkbox"/> Wash <input type="checkbox"/> Gloves <input type="checkbox"/> Nails <input type="checkbox"/> Bracelets <input type="checkbox"/> Rings	1 <input type="checkbox"/> BEF-PAT/ENV <input type="checkbox"/> AFT-PAT/ENV T: _____ <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL <input type="checkbox"/> Rub <input type="radio"/> Missed <input type="checkbox"/> Wash <input type="checkbox"/> Gloves <input type="checkbox"/> Nails <input type="checkbox"/> Bracelets <input type="checkbox"/> Rings	1 <input type="checkbox"/> BEF-PAT/ENV <input type="checkbox"/> AFT-PAT/ENV T: _____ <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL <input type="checkbox"/> Rub <input type="radio"/> Missed <input type="checkbox"/> Wash <input type="checkbox"/> Gloves <input type="checkbox"/> Nails <input type="checkbox"/> Bracelets <input type="checkbox"/> Rings	1 <input type="checkbox"/> BEF-PAT/ENV <input type="checkbox"/> AFT-PAT/ENV T: _____ <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL <input type="checkbox"/> Rub <input type="radio"/> Missed <input type="checkbox"/> Wash <input type="checkbox"/> Gloves <input type="checkbox"/> Nails <input type="checkbox"/> Bracelets <input type="checkbox"/> Rings
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Comments:
 Note: If patient is on additional precautions/isolated indicate "HCP category number" and "Opportunity number" in the "Comments."

Adapted from the World Health Organization

Before Initial Patient/Patient Environment Contact will be publicly reported

BEF-PAT/ ENV = “before initial patient/patient environment contact”

- a) if the health care provider touches the patient’s environment and then touches the patient **or**
- b) goes directly to touch the patient after having touched the hospital environment (= any other surface not in the patient’s environment) or another patient’s environment
- c) if the health care provider enters the patient’s environment from the hospital environment and touches only the patient’s environment (does not touch patient) and then leaves the patient’s environment.

HCP: _____	HCP: _____	HCP: _____	HCP: _____
1 <input type="checkbox"/> BEF-PAT/ ENV <input type="checkbox"/> AFT-PAT/ ENV T: <input type="checkbox"/> BEF-ASP T: <input type="checkbox"/> AFT-BFL <input type="checkbox"/> Rub <input type="radio"/> Missed <input type="checkbox"/> Wash <input type="checkbox"/> Gloves <input type="checkbox"/> Nails <input type="checkbox"/> Bracelets <input type="checkbox"/> Rings	1 <input type="checkbox"/> BEF-PAT/ ENV <input type="checkbox"/> AFT-PAT/ ENV T: <input type="checkbox"/> BEF-ASP T: <input type="checkbox"/> AFT-BFL <input type="checkbox"/> Rub <input type="radio"/> Missed <input type="checkbox"/> Wash <input type="checkbox"/> Gloves <input type="checkbox"/> Nails <input type="checkbox"/> Bracelets <input type="checkbox"/> Rings	1 <input type="checkbox"/> BEF-PAT/ ENV <input type="checkbox"/> AFT-PAT/ ENV T: <input type="checkbox"/> BEF-ASP T: <input type="checkbox"/> AFT-BFL <input type="checkbox"/> Rub <input type="radio"/> Missed <input type="checkbox"/> Wash <input type="checkbox"/> Gloves <input type="checkbox"/> Nails <input type="checkbox"/> Bracelets <input type="checkbox"/> Rings	1 <input type="checkbox"/> BEF-PAT/ ENV <input type="checkbox"/> AFT-PAT/ ENV T: <input type="checkbox"/> BEF-ASP T: <input type="checkbox"/> AFT-BFL <input type="checkbox"/> Rub <input type="radio"/> Missed <input type="checkbox"/> Wash <input type="checkbox"/> Gloves <input type="checkbox"/> Nails <input type="checkbox"/> Bracelets <input type="checkbox"/> Rings
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After Patient/Patient Environment Contact

will be publicly reported

AFT-PAT/ ENV = “after patient/patient environment contact”

- a) if the health care provider is leaving the patient and his/her environment to go on working in the hospital environment or with another patient
- b) if the health care provider is leaving the patient area after touching objects in the patient environment (without touching the patient) to go on working in the hospital environment or with another patient.

<p>HCP: _____</p> <p>1 <input type="checkbox"/> BEF-PAT/ ENV <input checked="" type="checkbox"/> AFT-PAT/ ENV</p> <p>T: <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL</p> <p><input type="checkbox"/> Rub <input type="radio"/> Missed</p> <p><input type="checkbox"/> Wash</p> <p><input type="checkbox"/> Gloves <input type="checkbox"/> Nails</p> <p><input type="checkbox"/> Bracelets <input type="checkbox"/> Rings</p>	<p>HCP: _____</p> <p>1 <input type="checkbox"/> BEF-PAT/ ENV <input checked="" type="checkbox"/> AFT-PAT/ ENV</p> <p>T: <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL</p> <p><input type="checkbox"/> Rub <input type="radio"/> Missed</p> <p><input type="checkbox"/> Wash</p> <p><input type="checkbox"/> Gloves <input type="checkbox"/> Nails</p> <p><input type="checkbox"/> Bracelets <input type="checkbox"/> Rings</p>	<p>HCP: _____</p> <p>1 <input type="checkbox"/> BEF-PAT/ ENV <input checked="" type="checkbox"/> AFT-PAT/ ENV</p> <p>T: <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL</p> <p><input type="checkbox"/> Rub <input type="radio"/> Missed</p> <p><input type="checkbox"/> Wash</p> <p><input type="checkbox"/> Gloves <input type="checkbox"/> Nails</p> <p><input type="checkbox"/> Bracelets <input type="checkbox"/> Rings</p>	<p>HCP: _____</p> <p>1 <input type="checkbox"/> BEF-PAT/ ENV <input checked="" type="checkbox"/> AFT-PAT/ ENV</p> <p>T: <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL</p> <p><input type="checkbox"/> Rub <input type="radio"/> Missed</p> <p><input type="checkbox"/> Wash</p> <p><input type="checkbox"/> Gloves <input type="checkbox"/> Nails</p> <p><input type="checkbox"/> Bracelets <input type="checkbox"/> Rings</p>
<p>2 <input type="checkbox"/> BEF-PAT/ ENV <input checked="" type="checkbox"/> AFT-PAT/ ENV</p> <p>T: <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL</p> <p><input type="checkbox"/> Rub <input type="radio"/> Missed</p> <p><input type="checkbox"/> Wash</p> <p><input type="checkbox"/> Gloves</p>	<p>2 <input type="checkbox"/> BEF-PAT/ ENV <input checked="" type="checkbox"/> AFT-PAT/ ENV</p> <p>T: <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL</p> <p><input type="checkbox"/> Rub <input type="radio"/> Missed</p> <p><input type="checkbox"/> Wash</p> <p><input type="checkbox"/> Gloves</p>	<p>2 <input type="checkbox"/> BEF-PAT/ ENV <input checked="" type="checkbox"/> AFT-PAT/ ENV</p> <p>T: <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL</p> <p><input type="checkbox"/> Rub <input type="radio"/> Missed</p> <p><input type="checkbox"/> Wash</p> <p><input type="checkbox"/> Gloves</p>	<p>2 <input type="checkbox"/> BEF-PAT/ ENV <input checked="" type="checkbox"/> AFT-PAT/ ENV</p> <p>T: <input type="checkbox"/> BEF-ASP <input type="checkbox"/> AFT-BFL</p> <p><input type="checkbox"/> Rub <input type="radio"/> Missed</p> <p><input type="checkbox"/> Wash</p> <p><input type="checkbox"/> Gloves</p>

Before Aseptic Procedure

* data will be submitted to MOHLTC

BEF-ASP = “before aseptic procedure” if the health care provider is to perform any of the following after having touched any other surface including the concerned patient himself/herself and his/her environment:

- a) touch/manipulate a body site that should be protected against any colonization (e.g., wound care including dressing change and wound assessment)
- b) manipulate an invasive device that could result in colonization of a body area that should be protected against colonization (e.g., priming intravenous infusion set, inserting spike into opening of IV bag, flushing line, adjusting intravenous site, administering medication through IV port, changing IV tubing).

HCP: _____	HCP: _____	HCP: _____	HCP: _____
1 <input type="checkbox"/> BEF-PAT/ ENV	1 <input type="checkbox"/> BEF-PAT/ ENV	1 <input type="checkbox"/> BEF-PAT/ ENV	1 <input type="checkbox"/> BEF-PAT/ ENV
<input type="checkbox"/> AFT-PAT/ ENV	<input type="checkbox"/> AFT-PAT/ ENV	<input type="checkbox"/> AFT-PAT/ ENV	<input type="checkbox"/> AFT-PAT/ ENV
I: <input checked="" type="checkbox"/> BEF-ASP	I: <input checked="" type="checkbox"/> BEF-ASP	I: <input checked="" type="checkbox"/> BEF-ASP	I: <input checked="" type="checkbox"/> BEF-ASP
T: <input type="checkbox"/> AFT-BFL	T: <input type="checkbox"/> AFT-BFL	T: <input type="checkbox"/> AFT-BFL	T: <input type="checkbox"/> AFT-BFL
<input type="checkbox"/> Rub	<input type="checkbox"/> Rub	<input type="checkbox"/> Rub	<input type="checkbox"/> Rub
<input type="checkbox"/> Wash	<input type="checkbox"/> Wash	<input type="checkbox"/> Wash	<input type="checkbox"/> Wash
<input type="checkbox"/> Missed	<input type="checkbox"/> Missed	<input type="checkbox"/> Missed	<input type="checkbox"/> Missed
<input type="checkbox"/> Gloves	<input type="checkbox"/> Gloves	<input type="checkbox"/> Gloves	<input type="checkbox"/> Gloves
<input type="checkbox"/> Nails	<input type="checkbox"/> Nails	<input type="checkbox"/> Nails	<input type="checkbox"/> Nails
<input type="checkbox"/> Bracelets	<input type="checkbox"/> Bracelets	<input type="checkbox"/> Bracelets	<input type="checkbox"/> Bracelets
<input type="checkbox"/> Rings	<input type="checkbox"/> Rings	<input type="checkbox"/> Rings	<input type="checkbox"/> Rings

After Body Fluid Exposure Risk

* data will be submitted to MOHLTC

AFT-BFL = “*after body fluid exposure risk*” if the health care provider has been engaged in a care activity involving a risk of body fluid exposure and before touching any other surface including the concerned patient himself/herself and his/her environment (e.g., contact with blood or blood products, emptying urinal/catheter bag and suctioning oral/nasal secretions).

HCP: _____	HCP: _____	HCP: _____	HCP: _____
1 <input type="checkbox"/> BEF-PAT/ ENV	1 <input type="checkbox"/> BEF-PAT/ ENV	1 <input type="checkbox"/> BEF-PAT/ ENV	1 <input type="checkbox"/> BEF-PAT/ ENV
<input type="checkbox"/> AFT-PAT/ ENV	<input type="checkbox"/> AFT-PAT/ ENV	<input type="checkbox"/> AFT-PAT/ ENV	<input type="checkbox"/> AFT-PAT/ ENV
T: <input type="checkbox"/> BEF-ASP	T: <input type="checkbox"/> BEF-ASP	T: <input type="checkbox"/> BEF-ASP	T: <input type="checkbox"/> BEF-ASP
<input checked="" type="checkbox"/> AFT-BFL	<input checked="" type="checkbox"/> AFT-BFL	<input checked="" type="checkbox"/> AFT-BFL	<input checked="" type="checkbox"/> AFT-BFL
<input type="checkbox"/> Rub	<input type="checkbox"/> Rub	<input type="checkbox"/> Rub	<input type="checkbox"/> Rub
<input type="checkbox"/> Wash	<input type="checkbox"/> Wash	<input type="checkbox"/> Wash	<input type="checkbox"/> Wash
<input type="checkbox"/> Missed	<input type="checkbox"/> Missed	<input type="checkbox"/> Missed	<input type="checkbox"/> Missed
<input type="checkbox"/> Gloves	<input type="checkbox"/> Gloves	<input type="checkbox"/> Gloves	<input type="checkbox"/> Gloves
<input type="checkbox"/> Nails	<input type="checkbox"/> Nails	<input type="checkbox"/> Nails	<input type="checkbox"/> Nails
<input type="checkbox"/> Bracelets	<input type="checkbox"/> Bracelets	<input type="checkbox"/> Bracelets	<input type="checkbox"/> Bracelets
<input type="checkbox"/> Rings	<input type="checkbox"/> Rings	<input type="checkbox"/> Rings	<input type="checkbox"/> Rings

For each opportunity, indicate the hand hygiene action of the health care provider

- Mark whether the health care provider used alcohol-based hand rub (RUB), soap and water (WASH) or did not do hand hygiene (MISSED)
- If a health care provider used soap and water and then alcohol-based hand rub (or vice-versa), mark both.

HCP: _____	HCP: _____	HCP: _____	HCP: _____
1 <input type="checkbox"/> BEF-PAT/ ENV T: <input type="checkbox"/> BEF-ASP	1 <input type="checkbox"/> BEF-PAT/ ENV T: <input type="checkbox"/> BEF-ASP	1 <input type="checkbox"/> BEF-PAT/ ENV T: <input type="checkbox"/> BEF-ASP	1 <input type="checkbox"/> BEF-PAT/ ENV T: <input type="checkbox"/> BEF-ASP
<input type="checkbox"/> AFT-PAT/ ENV T: <input type="checkbox"/> AFT-BEL	<input type="checkbox"/> AFT-PAT/ ENV T: <input type="checkbox"/> AFT-BEL	<input type="checkbox"/> AFT-PAT/ ENV T: <input type="checkbox"/> AFT-BEL	<input type="checkbox"/> AFT-PAT/ ENV T: <input type="checkbox"/> AFT-BEL
<input checked="" type="checkbox"/> Rub <input checked="" type="checkbox"/> Wash	<input checked="" type="checkbox"/> Rub <input checked="" type="checkbox"/> Wash	<input checked="" type="checkbox"/> Rub <input checked="" type="checkbox"/> Wash	<input checked="" type="checkbox"/> Rub <input checked="" type="checkbox"/> Wash
<input type="checkbox"/> Missed	<input type="checkbox"/> Missed	<input type="checkbox"/> Missed	<input type="checkbox"/> Missed
<input type="checkbox"/> Gloves <input type="checkbox"/> Bracelets	<input type="checkbox"/> Gloves <input type="checkbox"/> Bracelets	<input type="checkbox"/> Gloves <input type="checkbox"/> Bracelets	<input type="checkbox"/> Gloves <input type="checkbox"/> Bracelets
<input type="checkbox"/> Nails <input type="checkbox"/> Rings	<input type="checkbox"/> Nails <input type="checkbox"/> Rings	<input type="checkbox"/> Nails <input type="checkbox"/> Rings	<input type="checkbox"/> Nails <input type="checkbox"/> Rings

Standard Analysis Tool – Data and Reports

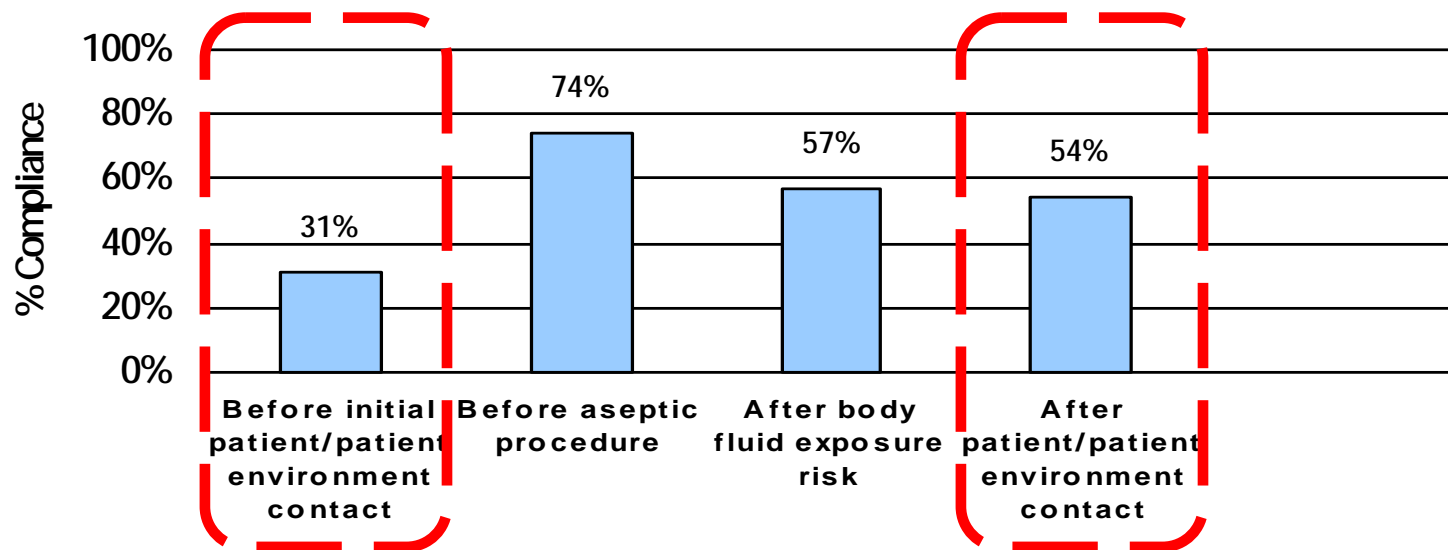
The screenshot shows a Microsoft Excel spreadsheet with a web browser window embedded within it. The browser window displays the 'Hand Hygiene Observation Tool' interface. At the top, it features the Ontario logo and the text 'Ministry of Health and Long-Term Care'. Below this, it shows the date '24-Feb-2008', the version 'Version: 1.0', and the update date 'Updated: February 2008'. The main heading is 'Hand Hygiene Observation Tool'. There are two main sections: 'Observations Input' and 'Reports'. The 'Observations Input' section includes a diagram of a hospital room with numbered steps (1-4) and a 'NEXT' button. The 'Reports' section lists several report options, each with a radio button. The 'Reports' section is titled 'Reports Module I' and includes the following options:

- Report 1 (a)**
Hand Hygiene Compliance Before Initial Patient/Patient Environment Contact by Category of Health Care Provider
- Report 1 (b)**
Hand Hygiene Compliance Before Aseptic Procedure by Category of Health Care Provider
- Report 1 (c)**
Hand Hygiene Compliance After Body Fluid Exposure Risk by Category of Health Care Provider
- Report 1 (d)**
Hand Hygiene Compliance After Patient/Patient Environment Contact by Category of Health Care Provider
- Report 2**
Hand Hygiene Compliance by Type of Indication
- Report 3**
Hand Hygiene Compliance by Category of Health Care Provider
- Report 4**
Hand Hygiene Technique

At the bottom of the 'Reports' section, there is a 'RUN' button. The browser window also shows a copyright notice: '@ 2008 iServe Technology Consulting Ltd.'. The Excel spreadsheet is titled 'Microsoft Excel - HH-mnuMain.xls' and the browser window is titled 'Ministry of Health and Long-Term Care - HHOT [Welcome]'. The taskbar at the bottom shows the Start button, several open applications, and the system clock showing 10:26 PM.

Public Reporting

Hand Hygiene by Type of Indication



Calculation:

$\frac{\# \text{ times hand hygiene was performed for a specific indication by all categories of HCP}}{\# \text{ observed hand hygiene indications for a specific indication by all categories of HCP}} \times 100 = \% \text{ compliance}$

Who is observed

- JCYH tool is used to collect data on all health care providers working with patients or in the patient care area. This allows the hospital to identify the most appropriate interventions for hand hygiene education, training and promotion

Observation by health care provider type

- Tool records the type of health care provider being observed by entering the number that corresponds with the categories listed at the top of the form. The coding system is a number followed by a letter

Health care provider (HCP) category:

1 = Physician

2 = Nurse

3 = Medical Student

4 = Nursing Student

5 = Social Worker

6 = Pastoral Care

7 = IV Team/Blood Collection

8 = Physiotherapist

9 = Environmental Services Worker

10 = Patient Transporter

11 = Radiology Tech

12 = Respiratory Therapist

13 = Dietician

14 = PSA, PSW, PCA

15 = Other

Public Reporting will be by combined health care provider type

Site level data collection

- JCYH recommends collecting both identity of the facility (Facility-ID), and the identity of the patient care unit (Patient Care Unit) to allow for feeding data back at a unit level
- Site level data collection will be used for patient safety indicator reporting

Observer-ID: _ _ _ _ _ _ _	Form-No. _ _ _	Facility-ID _ _ _ _
Date (mm.dd.yyyy) _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _		Patient Care Unit _____
Day of Week _____		
Start time (hh:mm:AM/PM) _ _ _ _ : _ _ _ _ : _ _		
End time (hh:mm) _ _ _ _ : _ _ _ _		

Frequency and Sample Size

Just Clean Your Hands

- Each observation session is approximately 20 minutes. Multiple opportunities can be captured during each session
- 56 observation sessions at different times of the day (different shifts and different times within the shift) for a total of 200 observed opportunities per 100 beds
- Timeframe for data collection >2 weeks < 4 weeks
- Minimum of two observation periods during program implementation – baseline and one – follow up
- ongoing annual audit

Public Reporting

- Each observation session is approximately 20 minutes. Multiple opportunities can be captured during each session
- Sample size is 200 observed opportunities per every 100 beds – in patient settings only
- Timeframe for data collection – local decision
- Annualized reporting – data collected and submitted on all four indications, public reporting on Ministry and hospital website will be two indications:

Before patient/patient environment

After patient/patient environment

MOHLTC WERS Reporting

WERS data include among other administrative data such as, facility #:

- The # of times hand hygiene was performed:
 1. before initial patient/patient environment contact
 2. before aseptic procedure
 3. after body fluid exposure risk
 4. after patient/patient environment contact
- The # of observed hand hygiene indications for:
 1. before initial patient/patient environment contact
 2. before aseptic procedure
 3. for after body fluid exposure risk
 4. for after patient/patient environment contact
- The percent compliance for:
 1. before initial patient/patient environment contact
 2. before aseptic procedure
 3. after body fluid exposure risk
 4. after patient/patient environment contact

Note: all above data are submitted by combined categories of HCP

Hand Hygiene Compliance Patient Safety Indicator Reporting Form

Request	User Input	Definition
Report Date:		Date reported to the MOHLTC (Month, Day, Year)
Facility Number:		Input the facility number.
Institution Number:		Input the site specific identifier.
Person Reporting, Title:		Name and title of the person reporting the data (eg. Jane Doe, ICP).
Email contact:		Email address of the person reporting the data (eg. Jane.doe@hospital.ca).
Reporting Period:		Input the reporting period (Month, Year - Month, Year)
Number of times hand hygiene was performed before initial patient/patient environment		The number of times hand hygiene was performed before initial patient/patient environment contact. Note: Combine all categories of HCP.
Number of times hand hygiene was performed before aseptic procedure		The number of times hand hygiene was performed before aseptic procedure. Note: Combine all categories of HCP.
Number of times hand hygiene was performed after body fluid exposure risk		The number of times hand hygiene was performed after body fluid exposure risk. Note: Combine all categories of HCP.
Number of times hand hygiene was performed after patient/patient environment contact		The number of times hand hygiene was performed after patient/patient environment contact. Note: Combine all categories of HCP.
Number of observed hand hygiene indications for before initial patient/patient environment contact		The number of observed hand hygiene indications for before initial patient/patient environment contact. Note: Combine all categories of HCP.
Number of observed hand hygiene indications for before aseptic procedure		The number of observed hand hygiene indications for before aseptic procedure. Note: Combine all categories of HCP.
Number of observed hand hygiene indications for after body fluid exposure risk		The number of observed hand hygiene indications for after body fluid exposure risk. Note: Combine all categories of HCP.
Number of observed hand hygiene indications for after patient/patient environment contact		The number of observed hand hygiene indications for after patient/patient environment contact. Note: Combine all categories of HCP.
Percent compliance for before initial patient/patient environment contact	#DIV/0!	The % compliance for before initial patient/patient environment contact by combined categories of HCP. Note: # times hand hygiene performed before initial pat/pat env contact divided by # observed hand hygiene indications for before initial pat/pat env contact. Multiply by 100.
Percent compliance for before aseptic procedure	#DIV/0!	The % compliance for before aseptic procedure by combined categories of HCP. Note: # times hand hygiene performed before aseptic procedure divided by # observed hand hygiene indications for before aseptic procedure. Multiply by 100.
Percent compliance for after body fluid exposure risk	#DIV/0!	The % compliance for after body fluid exposure risk by combined categories of HCP. Note: # times hand hygiene performed after body fluid exposure risk divided by # observed hand hygiene indications for after body fluid exposure risk. Multiply by 100.
Percent compliance for after patient/patient environment contact	#DIV/0!	The % compliance for after patient/patient environment contact by combined categories of HCP. Note: # times hand hygiene performed after pat/pat env contact divided by # observed hand hygiene indications for after pat/pat env contact. Multiply by 100.

Summary of Hand Hygiene Reporting

- For hand hygiene compliance rates, hospitals will be required to submit data for the four indications as set out in the *Just Clean Your Hands Observation Tool and Training Program*:
 - 1) before initial patient/patient environment contact,
 - 2) before aseptic procedure,
 - 3) after body fluid exposure risk, and
 - 4) after patient/patient environment contact.
- The ministry will only publicly report indications 1 and 4
- Data submission will be by combined health care provider type.
- Hand Hygiene compliance rate reporting will occur by hospital site on an annual basis.

Hand Hygiene Management Resources

- Best Practices Hand Hygiene in all Health Care Settings. May 2008. Ministry of Health and Long-term Care/Provincial Infectious Diseases Advisory Committee (PIDAC), Toronto, Canada.
- *Just Clean Your Hands* Program which provides tools to assist in understanding how to implement best practice recommendations. Program documents are available for download at www.justcleanyourhands.ca
- Hospitals may also contact their Regional Infection Control Network (RICN) for further information.