STOP! CLEAN YOUR HANDS

A look back over the past 5 years

November, 2013
Our Funder:
Health Canada

Our Vision:
Safe Healthcare for all Canadians

Our Mission:
To inspire extraordinary improvement in patient safety and quality.
In Canada, an estimated 250,000 (1 of 9) patients admitted to hospital every year pick up infections while being treated for something else. ¹
Hospital-acquired infections kill 8,000-12,000 Canadians annually. ²
Research indicates that improvement in hand hygiene could reduce health care associated infections by up to 50 per cent. ³
In Canada, only 30 to 40 per cent of healthcare providers comply with the WHO guidelines for hand hygiene. ⁴

STOP! Clean Your Hands:
An Overview of the campaign

- Canada joined WHO’s Global Patient Safety Challenge *Clean Care is Safe Care*
- “STOP! Clean Your Hands” Campaign was Launched in 2007
- Our Partners and Sponsors
STOP Clean Your Hands Campaign: Key activities and products

- Train the trainer sessions:
  - 8 sessions over 200 attendees
- Disseminated campaign materials based on the WHO Multimodal strategy
Your 4 Moments for Hand Hygiene

1. BEFORE INITIAL PATIENT/PATIENT ENVIRONMENT CONTACT
   - Clean your hands when entering the patient's environment.
   - Before contact with the patient or their care items.
   - To prevent the patient/patient environment from being contaminated by your hands.

2. BEFORE ASEPSTIC PROEDURE
   - Clean your hands appropriately before any aseptic procedure.
   - To protect the patient's internal environment.
   - To prevent the patient's internal environment from being contaminated by your hands.

3. AFTER BODY Fluid Exposure Risk
   - Clean your hands immediately after any exposure to body fluids (and often gloves removed).
   - To prevent yourself and the handle area environment from being contaminated by your hands.

4. AFTER PATIENT/PATIENT ENVIRONMENT CONTACT
   - Clean your hands when leaving the patient's environment.
   - After touching the patient or their care items.
   - After handling any equipment or furniture in the patient's environment.

**Campaign Materials**

**Fact Sheet 2**

**How to handrub?**

To effectively reduce the growth of germs on hands, **handrubbing** must be performed by following all steps illustrated below. This takes only 20–30 seconds!

1. **Apply a painful amount of the product in a cupped hand, covering all surfaces.**
2. **Rub hands palm to palm.**
3. **Eggs palm over left hand, with fingers interlocked, and vice versa.**
4. **Palms to palm with fingers interlocked.**
5. **Back of hand with fingers interlocked, and vice versa.**
6. **Fingers of left hand in right palm, and vice versa.**
7. **Once dry, your hands are safe.**

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**Fact Sheet 3**

**How to handwash?**

To effectively reduce the growth of germs on hands, **handwashing** must last 40–60 seconds and should be performed by following all steps illustrated below.

1. **Wash hands with water.**
2. **Apply enough soap to cover all hand surfaces.**
3. **Rub hands palm to palm.**
4. **Right palm over left hand, with fingers interlocked, and vice versa.**
5. **Palms to palm with fingers interlocked.**
6. **Back of hand with fingers interlocked, and vice versa.**
7. **Fingers of left hand in right palm, and vice versa.**
8. **Once dry, your hands are safe.**

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Campaign Materials:
Pleas and reminders

STOP!
Did you know...

...if you clean your hands others will too?

www.handhygiene.ca
Canada's National Hand Hygiene Challenge
Campaign Materials: Monitoring and Measuring

Observation Tool

[Image of a hand with the text "STOP! Clean Your Hands"
and the word "ARRÊT! Nettoyez vos mains."]

Note: If patient is an additional precaution/isolated indicate "HEP category number" and "Opportunity number" in the "Comments."
The movement

Breaking News: Handwashing Saves Lives
Posted by Daniela Nuñez on Thursday, May 7th, 2009
HAND-HYGIENE AUDIT

The organization evaluates its compliance with accepted hand-hygiene practices.

HAND-HYGIENE EDUCATION AND TRAINING

The organization delivers hand-hygiene education and training for staff, service providers, and volunteers.
Public Reporting of Hand Hygiene

- Ontario: 2009
- British Columbia: 2012
- Nova Scotia: 2013
- Others?
Progress…

- Success stories surfacing
- Questioning
  - Reliability of auditing results
  - Sustainability of progress
- Infections are still present
Keeping the momentum going

- May 5\textsuperscript{th} 2010
- Aligning with the World Health Organization (WHO) global campaign to improve hand hygiene, \textbf{SAVE LIVES: Clean Your Hands}
- Canada held \textbf{STOP Clean Your Hands Day}
Tools and Resources

Hand Hygiene Tool Kit

Hand Hygiene Human Factors Tool Kit

Patient Family Guide

Online Educational Module
Annual competitions

- Canadian Hand Hygiene Video Competition

- Stick it to Hand Hygiene!

- What's Your Hand In It?
STOP Clean Your Hands Day: Media Event
Canada’s Patient Safety Week Poster Campaign
Measuring Hand Hygiene for Improvement

1. Volume of Alcohol Based Hand Rub used for area being monitored
2. Volume of Hand Hygiene Soap used for area being monitored
3. Percent Appropriate Hand Hygiene Practice by Health Care Workers
4. Percent Availability of Hand Hygiene Products at Bed Spaces or Patient Areas being Monitored
5. Percent Appropriate Hand Hygiene Practice by moment
Hand Hygiene Observation Tools

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STOP! Clean Your Hands!

ARRET! Nettoyage des mains!

BE A PARTNER IN YOUR OWN HEALTHCARE!

100 Mile District General Hospital

PLEASE FILL OUT THE FORM AND SEE INSTRUCTIONS BELOW TO SUBMIT YOUR VALUED OPINION

Your active participation in your care or the care of your loved one is important to us and we value your feedback.

Our goal is to provide you with safe, high quality healthcare. Using soap and water or alcohol based hand rubs helps to prevent the spread of germs.

DID YOUR HEALTHCARE PROVIDER(S) USE PROPER HAND HYGIENE BEFORE AND AFTER YOU RECEIVED CARE?

(Please fill in the appropriate bubbles below)

- DOCTOR
- NURSE
- OTHER

BEFORE CARE

AFTER CARE

YES

NO

UNSURE

INSTRUCTIONS
Measuring Hand Hygiene

STOP! Clean Your Hands
Take the Hand Hygiene Self-Assessment!

CLEAN HANDS SAVE LIVES

Hand Hygiene Self-Assessment Framework
(adapted from WHO Hand Hygiene Self-Assessment Framework 2010)
Results: 2012

Hand Hygiene Self-Assessment
Average score for each component (n=111)

- System Change: 83
- Training and Education: 71
- Evaluation and Feedback: 58
- Reminders in the Workplace: 67
- Institutional Safety Climate for Hand Hygiene: 50

Score: 0-100
Today

- We know the problem….
  - Every year 8,000-12,000 Canadians die from a hospital acquired infection.
  - In Canada, only 30 to 40 per cent of healthcare providers comply with the WHO hand hygiene guidelines on when and how to clean their hands.

- We know what to do…
  - System change – alcohol-based handrub at the point of care
  - Training and education
  - Observation and feedback
  - Reminders in the workplace
  - Creating a safety culture

- We have endless tools, resources and supports to help us…
But we don’t always do it well...
CBC NEWS: WINNIPEG AT 6:00 | Oct 16, 2012 | 1:44
Hospital staff not washing hands enough
Winnipeg Regional Health Authority audit finds that health-care staff at the city’s hospitals are washing their hands half as much as they should be.

Handwashing among hospital staff lacking: review
Hospital officials in Northwestern Ontario say more work needs to be done to make handwashing second nature

Monday March 18, 2013
Northern doctors worst for hand-washing
A recent review of handwashing in northern hospitals found 30% of hospital staff don’t wash their hands before and after treating patients—and doctors are the worst offenders. Betsy Trumpener brings us the story.

Hospitals don't follow best hand-hygiene practices to reduce HAIs
Only 30% of those surveyed implemented WHO guidelines

NEW | Hand washing key to the war on germs
Saskatoon Health Region says only 5 per cent of people wash their hands long enough

CBC News | Posted: Aug 22, 2013 2:34 PM CT | Last Updated: Aug 22, 2013 2:29 PM CT
Definition of insanity

Insanity- Doing the same thing over and over again and expecting different results.
-Albert Einstein
It is not all bad news…

**London hospital launches hand washing campaign**

The Child and Youth Advisory Council at the London Health Sciences Centre is trying to help kids understand the importance of hand washing when in hospital.

*Wednesday, Mar. 13, 2013*

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**Personal Hand Gel Improves Hand-Hygiene Compliance**

Kathleen Louden  
October 29, 2013

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**High-tech ways ensure hospital employees keep their hands clean**

Theresa Groff, Infection prevention coordinator at St. Mary’s Health Center, wears a device to help remind health care workers to keep their hands clean at the hospital in Richmond Heights, Mo. on Thursday, June 20, 2013. (AP / Jeff Roberson)
How do we get it to be better news

- New Approach to controlling superbug

  “Creating a new kind of culture by leveraging the front line teams as the change agents”

http://www.cbc.ca/player/News/TV+Shows/The+National/Health[ID/2213462958/?page=6&sort=MostPopular
The future of Hand Hygiene at CPSI
The Canadian Patient Safety Institute will:


2. Inspire and sustain patient safety knowledge within the system, and through innovation, enable transformational change.

3. Build and influence patient safety capability (knowledge and skills) at organizational and system levels.

4. Engage all audiences across the health system in the national patient safety agenda.
Four clinical priority areas:

- medication safety
- surgical care safety
- infection prevention and control
- home care safety
Hand Hygiene Strategy: STOP the insanity

- As we create our IPAC strategy, we will be looking for your help.
- We need your collective wisdom and creative ideas to help us move beyond our traditional approaches and create achievable and sustainable solutions…
- Together we can stop the insanity!