CLEAN CARE FOR ALL –
IT’S IN YOUR HANDS!

Prof Didier Pittet, MD, MS
Infection Control Programme & WHO Collaborating Centre on Patient Safety, University of Geneva Hospitals and Faculty of Medicine

Prof Benedetta Allegranzi, MD
Infection Prevention and Control Global Unit
World Health Organization (WHO) Service Delivery and Safety

http://www.who.int/infection-prevention/en/

www.webbertraining.com

May 3, 2019

Objectives

• Understand the universal health coverage (UHC) “health for all” agenda
• Understand how infection prevention and control (IPC) and hand hygiene can contribute to quality UHC
• Understand why the WHO 2019 Global Survey is critical for IPC improvement
• Learn about the 2019 campaign theme and resources
• Review examples of campaign celebrations from around the world
• Learn about the other new WHO IPC tools, to use for improvement all year round
5 May 2019 – what’s the menu

- **5 May 2019** theme: the link of IPC and hand hygiene with quality UHC
- The **evidence** that IPC and hand hygiene improve quality of care and patient outcomes
- **WHO Global survey 2019**: facility-level assessments in a spirit of improvement
- **5 May 2019**: *Clean Care For All; it’s in your hands*
- **5 May 2019** calls for actions
  - UHC / Hand Hygiene *solidarity chains*
  - WHO 5 May: *video message*
  - Let’s pledge for **SAVE LIVES**: Clean YOUR Hands “Clean Care for All; it’s in your hands”
  - “It’s in Your Hands”: **the song**
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

3.8 Achieve UHC, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all.

Universal Health Coverage

What is UHC?
UHC means that all individuals and communities receive the health services they need without suffering financial hardship.

It includes the full spectrum of essential, quality health services, from health promotion to prevention, treatment, rehabilitation, and palliative care.

Key facts
- At least half of the world’s population still do not have full coverage of essential health services.
- About 100 million people are still being pushed into “extreme poverty” because they have to pay for health care.
- Over 800 million people spend at least 10% of their household budgets to pay for health care.

www.webbertraining.com
2018 - Affirming quality as central to UHC

https://www.hoscomission.org/

Deaths due to poor quality
The Lancet Global Health Commission on High-Quality Health Systems in the SDG Era

- **8.6 million** deaths per year (UI 8.5-8.8) in 137 LMICs are due to inadequate access to quality care.

- Of these, **3.6 million** (UI 3.5-3.7) are people who did not access the health system.

- Whereas, **5.0 million** (UI 4.9-5.2) are people who sought care but received **poor quality care**.

https://www.thelancet.com/pdfs/journals/lanhs/PiIS2214-109X(17)30101-8.pdf
Clean Care for All — It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Without quality, UHC remains an empty promise...

We now need to urgently support countries—together—to implement recommendations from these reports. One way we are doing that is through the WHO Initiative on National Quality Policy and Strategy.

Without quality, UHC remains an empty promise...

www.webbertraining.com
The third revolution in global health

- “The third revolution in global health—a revolution in the quality of care.”
- “But this revolution is hampered by a challenge that seems to paralyze even the most talented experts: agreement on what is meant by quality.”
- “Never has this third revolution in global health been as important as it is today. Yet never has our understanding of what quality means felt so distant.”

Quality health services? Health care that is…

- Effective
- Safe
- People-centred
- Timely
- Equitable
- Integrated
- Efficient

- Improving quality implies change.
- Quality is multi-dimensional.
- Quality is the product of individuals working with the right attitude in the right system.

Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

How does IPC contribute to quality of care?

Redefining infection prevention and control in the new era of quality universal health coverage

Jil Stein
Consultant, CDC
Office of Global Alliances
 справка по гуманитарным вопросам

Claire Kopicz
Consultant, CDC
Office of Global Alliances

Benedetta Allegranzi
Consultant, WHO
Regional Office for South-East Asia

Didier Pittet
Consultant, WHO
Regional Office for Europe

Abstract
With the advent of the new millennium, the World Health Organization has been working to define a global agenda for ensuring universal health coverage. This involves the development of strategies that will improve the quality of care provided to all patients, regardless of their socioeconomic status. In this context, infection prevention and control (IPC) plays a crucial role in preventing the spread of infectious diseases and improving patient outcomes. However, the current approach to IPC is often fragmented and lacks a comprehensive strategy. To address this, the WHO has developed a new framework for IPC that emphasizes a holistic approach, focusing on the prevention of all preventable infections. This framework includes the following key principles:

1. IPC must be integrated into all aspects of healthcare
2. IPC must be evidence-based
3. IPC must be culturally sensitive
4. IPC must be patient-centered

Conclusion
In conclusion, IPC is essential for ensuring the quality of care provided to all patients. By adopting the new framework for IPC, healthcare providers can improve the quality of care they provide and ensure that all patients receive the care they deserve. This will help to ensure that we are able to achieve universal health coverage and provide care that is safe, effective, and patient-centered.

Lancet Global Health: online on 3 May 2019

How IPC relates to the core domains of quality care

Effective care
- IPC has a demonstrated impact on patient morbidity and mortality due to healthcare-associated infections and AMR.

Safe care
- IPC occupies a unique position in the field of patient safety as it prevents one of the most frequent causes of harm.

People centered care
- IPC is universally relevant to patients and health workers at every single healthcare encounter across the entire health system and benefits from patient empowerment and participation.

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

IPC is interlinked with the quality dimension of UHC

Stern et al. Redefining infection prevention and control in the new era of quality universal health coverage.

The interconnections between IPC and other global health priorities

www.webbertraining.com
WASH in Health Care Facilities

Just issued:

- Global Baseline Report 2019
- Practical Steps to Improve Quality of Care

www.washinhcf.org

Remember that 5 May is also International Day of the Midwife... and 12 May is International Nurses Day!

https://www.who.int/topics/midwifery/en/
https://www.internationalmidwives.org/
https://www.who.int/topics/nursing/en/
https://www.icn.ch/what-we-do/campaigns/international-nurses-day

www.webbertraining.com
5 May 2019 – what’s the menu

- **5 May 2019** theme: the link of IPC and hand hygiene with quality UHC
- The **evidence** that IPC and hand hygiene improve quality of care and patient outcomes
- **WHO Global survey 2019**: facility-level assessments in a spirit of improvement
- **5 May 2019**: *Clean Care For All; it’s in your hands*
- **5 May 2019** calls for actions
- **UHC / Hand Hygiene** solidarity chains
- WHO 5 May: **video message**
- Let’s pledge for SAVE LIVES: **Clean Your Hands** “Clean Care for All; it’s in your hands”
- “It’s in Your Hands”: the **song**

---

**ECDC point prevalence surveys (PPSs) of healthcare-associated infections (HAIs) in acute care hospitals and LTCFs, 2016-2017**

<table>
<thead>
<tr>
<th></th>
<th>PPS in acute care hospitals</th>
<th>PPS in long-term care facilities (LTCFs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of facilities, EU/EEA countries</td>
<td>1209 hospitals, 28 countries</td>
<td>1788 LTCFs, 23 countries</td>
</tr>
<tr>
<td>Number of included patients/residents</td>
<td>310 755</td>
<td>102 301</td>
</tr>
<tr>
<td>Patients/residents with at least one HAI on any given day*</td>
<td>6.5%¹²</td>
<td>3.9%¹</td>
</tr>
<tr>
<td>Estimated total number of HAIs each year in EU/EEA</td>
<td>4.5 million</td>
<td>4.4 million</td>
</tr>
</tbody>
</table>

**Total**: 8.9 million HAIs per year

**Estimated attributable deaths/year***: 91 310 (in acute care Hs only)

---

*PPS 2011-2012

www.webbertraining.com
Estimated burden of infections with antibiotic-resistant bacteria, EU/EEA, 2015

- **671,689** infections with antibiotic-resistant bacteria
- **33,110** attributable deaths
- **170 DALYs per 100,000**
  - 63% of cases were HAI representing 75% of total burden population (DALYs)
  - 70% due to 4 top-ranking antibiotic-resistant bacteria
  - 39% due to carbapenem- and/or colistin resistance

HAI represent the highest burden:
63% of HAI represent 75% AMR BOD

Burden of infections with antibiotic-resistant bacteria, EU/EEA, 2007-2015 (1)

**2007 to 2015:**
- Number of deaths more than doubled
- Number of deaths due to:
  - carbapenem-resistant *K. pneumoniae* increased six-fold
  - third-generation cephalosporin-resistant *E. coli* increased four-fold

Adapted from Cassini A, et al. The Lancet Infectious Diseases. 3 November 2018

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Burden of infections with antibiotic-resistant bacteria, EU/EEA, 2007-2015 (2)

2007 to 2015:
- Number of deaths more than doubled
- Number of deaths due to:
  1. carbapenem-resistant K. pneumoniae increased six-fold
  2. third-generation cephalosporin-resistant E. coli increased four-fold

Adapted from Cessi A, et al. The Lancet Infectious Diseases. 5 November 2018

Burden is comparable to the combined burden of influenza, TB & HIV/AIDS

1. Third-generation cephalosporin-resistant E. coli and K. pneumoniae, amikacin-resistant and fluoroquinolone-resistant Acinetobacter spp. - three or more antimicrobial group-resistant P. aeruginosa
2. Carabapenem- and/or colistin-resistant E. coli, K. pneumoniae, Acinetobacter spp. and P. aeruginosa
3. Metallo-resistant S. aureus
4. Vancomycin-resistant E. faecalis and E. faecium
5. Penicillin-resistant and combined penicillin and macrolide-resistant S. pneumoniae

Cessi A, et al. The Lancet Infectious Diseases. 5 November 2018

www.webbertraining.com
The cost of AMR

Figure 7. Without prompt and effective action, AMR will impact healthcare budgets in EU/EEA countries.


Correlations between IPC and composite index of AMR

"The first intervention would be to improve **hygiene in healthcare facilities**, including promotion of **hand hygiene and better hospital hygiene**."
Economic assessment

Investing 1.5 Euros per capita per year in a package 3 of mixed public health interventions would avoid about 27 000 deaths per year in EU/EEA countries.

Package 1, for hospitals: hand hygiene, antibiotic stewardship programmes and enhanced environmental hygiene = 85%

Package 2, for community settings: delayed antibiotic prescriptions, mass media campaigns and the use of rapid diagnostic tests = 23%

Package 3, mix of interventions = 73%

Savings of 3, 0.7 and 2 Euros per capita per year


New WHO IPC resources issued for 5 May 2019!

www.webbertraining.com
Core components of IPC programmes at the national and acute health care facility level

Core Component 1
IPC Programme

Core Component 2
IPC Guidelines

Core Component 3
IPC Training/Education

Core Component 4
HAI Surveillance

Core Component 5
Multimodal Strategies

Core Component 6
Monitoring, audit & feedback

Core Component 7
Workload, staffing & bed occupancy

Core Component 8
Built environment, materials & equipment for IPC


The evidence basis of the WHO Core Components of IPC Programmes

- Zingg W et al. TID 2016
- Starr J et al. ARG 2017
- Presley L et al. TID, 2017

www.webbertraining.com
Recently launched WHO SSI Prevention Implementation Package

Fact sheets on SSI recommendations

http://www.who.int/infection-prevention/tools/surgical/en/

Hand Hygiene is the most important measure to prevent HAI and the spread of antimicrobial resistance

www.webbertraining.com
A key example of impact on patient outcomes & quality care

https://www.thelancet.com/journals/lancet/article/PIIS1473-3099(18)30491-2/fulltext


www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

HH compliance and HAIs


WHO Hand Hygiene improvement Multimodal Strategy

1a. System change – alcohol-based handrub at point of care

1b. System change – access to safe, continuous water supply, soap and towels

2. Training and education

3. Evaluation and feedback

4. Reminders in the workplace

5. Institutional safety climate

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

WHO Hand Hygiene improvement Multimodal Strategy

1a. System change – alcohol-based handrub at point of care
1b. System change – access to safe, continuous water supply, soap and towels
2. Training and education
3. Evaluation and feedback
4. Reminders in the workplace
5. Institutional safety climate

Impact of the WHO Hand Hygiene multimodal promotion strategy

- Significant increase of health-care workers hand hygiene compliance across all professional categories in all wards (OR 2.15, 1.99–2.32; compliance from 51.0% to 67.2%) and across all levels of resources

www.webbertraining.com
• All intervention strategies indicated an improvement in compliance
• WHO-5 and WHO-5+ were more effective
• WHO-5+ had the highest probability (67%) for improvement

World Health Organization (WHO)
Geneva, Switzerland,
2005-2015

Through the promotion of best practices in hand hygiene and infection control, the 1st Global Patient Safety Challenge aimed to reduce health care-associated infection worldwide

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

SAVE LIVES: Clean Your Hands: an ongoing worldwide campaign

Countries with health-care facilities registered for SAVE LIVES: Clean Your Hands global campaign

As of 1 May 2019, 22,144 facilities in 182 countries – covering over 13 million staff and over 5.1 million beds


We still need more to join!

www.webbertraining.com
Lessons learned
Why did it work?

- system change
- multimodal / evidence-based
- experience-based
- implementation strategy
- top to bottom - bottom up
- tools for implementation
- linked to positive outcomes
- reward success / excellence
- involve patients & relatives
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

- system change
- multimodal / evidence-based
- experience-based
- implementation strategy
- top to bottom - bottom up
- tools for implementation
- linked to positive outcomes
- reward success / excellence
- involve patients & relatives

What else?

- simplification (make it usable)
- co-creation
- creativity
- community experience
- adaptation
- silo busting
- sharing economy principles
- use of SoMe

www.webbertraining.com
5 May 2019 – what’s the menu

- **5 May 2019** theme: the link of IPC and hand hygiene with quality UHC
- The **evidence** that IPC and hand hygiene improve quality of care and patient outcomes
- **WHO Global survey 2019**: facility-level assessments in a spirit of improvement
- **5 May 2019**: Clean Care For All; it’s in your hands
- 5 May 2019 **calls for actions**
- UHC / Hand Hygiene solidarity chains
- WHO 5 May: **video message**
- Let’s pledge for **SAVE LIVES**: Clean YOUR Hands “Clean Care for All; it’s in your hands”
- “It’s in Your Hands”: **the song**

---

**WHO 2019 Global Survey on Infection Prevention and Control and Hand Hygiene**

**Facility-level assessments in a spirit of improvement**

16 January – 16 July 2019

All health care facilities and countries are invited to participate!

WHO IPC Global Survey 2019

Objectives

1) To encourage and support local assessments of IPC and hand hygiene activities using standardized and validated tools, in the context of the regular work of the IPC teams/committees and the development of local improvement plans.

2) To gather a situational analysis on the level of progress of current IPC and hand hygiene activities around the world and inform future efforts and resource use for supporting patient safety, health care quality improvement, outbreak preparedness and response, and antimicrobial resistance prevention and control.

Assessments in a spirit of improvement

- Regular assessments of IPC programmes are essential for continuous quality improvement.

- Assessment helps to identify existing strengths and take stock of achievements made so far to convince decision-makers that success and progress is possible.

- Assessment also helps to create a sense of urgency for the changes needed to improve IPC, taking account of the WHO core component guideline recommendations.

- By using validated tools, you can be confident that the information collected is meaningful and will support improvement.
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

SAVE LIVES: Clean Your Hands - 5 May 2019
Monitoring IPC & Hand Hygiene – WHO Global Survey 2019

- **Tools:** IPC Assessment Framework (IPCAF)* & Hand Hygiene Self-assessment Framework (HHS AF)**
- **Timeline:**
  - Survey conduct: 16 January - 16 July 2019
  - Survey analysis: May-August 2019
- **Sample:**
  - Open voluntary participation by health care facilities around the world + countries
  - Stratified sub-sample
- **Data submission:** online protected system
- **Data confidentiality and property:** WHO’s and MS (upon specific agreement) – data completely anonymized

[Links to more information]

Training videos on the use of the tools

[Infection prevention and control facility-level assessments using WHO standardized tools in a spirit of improvement – Training video](https://youtu.be/yMJPVtma9t0)
[Hand Hygiene Self-assessment Framework – training video](https://youtu.be/PDz8kxrPaMk)

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

IPC facility-level assessment tool

- **Structured, closed-formatted questionnaire** with an associated scoring system based on the HHSAF approach; **81 indicators**
- **Self- or joint-assessments**
- Tested for usability, reliability and construct validity in a sample of **181 acute health care facilities in 46 countries** across the world

http://www.who.int/infection-prevention/tools/core-components/en/
https://youtu.be/J4UVPxtm990

Structure of the IPC Assessment Framework

8 sections:

1. IPC programme
2. IPC guidelines
3. IPC education & training
4. HAI surveillance
5. Multimodal strategies
6. IPC Monitoring/audits & feedback
7. Workload, staffing, bed occupancy
8. Built environment

- **Who completes it:** Health care professionals responsible for organising and implementing IPC measures and who have in-depth knowledge of IPC at the facility level

www.webbertraining.com
IPC assessment framework (IPCAF) – purpose of the tool

- It provides a quantitative evaluation of the different components of IPC programmes in a systematic way, allowing changes to be tracked over time.
- Its purpose is to help assess, plan, organize and implement a facility IPC programme.
- To determine the core components already in place and identify gaps or weaknesses to guide action planning.
- The resulting scores can be used to measure and monitor progress in implementing IPC programmes at the facility level.
- Its usefulness depends on being completed as objectively and accurately as possible.

Section example: IPC programme

<table>
<thead>
<tr>
<th>Question</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Do you have an IPC programme?</td>
<td>5</td>
</tr>
<tr>
<td>2. Are any of the following professional groups represented on the IPC committee?</td>
<td>5</td>
</tr>
<tr>
<td>3. Is the IPC programme supported by an IPC liaison at IPC level or equivalent (e.g. doctor working with IPC)?</td>
<td>5</td>
</tr>
<tr>
<td>4. Does the IPC team have at least one full-time IPC or equivalent (i.e. doctor working with IPC)?</td>
<td>5</td>
</tr>
<tr>
<td>5. Does the IPC team or local person have dedicated activities?</td>
<td>5</td>
</tr>
<tr>
<td>6. Do you have clearly defined IPC objectives (i.e. specific critical areas)?</td>
<td>5</td>
</tr>
<tr>
<td>7. Does the IPC programme show clear commitment and support from the facility leadership?</td>
<td>5</td>
</tr>
</tbody>
</table>

IPC programme subtotal score: 60/100

www.webbertraining.com
IPCAF – interpretation of the results: a 3-step process

1. Add up your points

<table>
<thead>
<tr>
<th>Section (Core component)</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. IPC programme</td>
<td>45</td>
</tr>
<tr>
<td>2. IPC guidelines</td>
<td>60</td>
</tr>
<tr>
<td>3. IPC education and training</td>
<td>75</td>
</tr>
<tr>
<td>4. HA surveillance</td>
<td>20</td>
</tr>
<tr>
<td>5. Multimodal strategies</td>
<td>45</td>
</tr>
<tr>
<td>6. Monitoring/audits of IPC practices and feedback</td>
<td>50</td>
</tr>
<tr>
<td>7. Workload, staffing and bed occupancy</td>
<td>65</td>
</tr>
<tr>
<td>8. Built environment, materials and equipment for IPC at the facility level</td>
<td>30</td>
</tr>
<tr>
<td><strong>Final total score</strong></td>
<td><strong>390 / 800</strong></td>
</tr>
</tbody>
</table>

2. Determine the assigned “IPC level” in your facility using the total score from Step 1

<table>
<thead>
<tr>
<th>Total score (range)</th>
<th>IPC level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–200</td>
<td>Inadequate</td>
</tr>
<tr>
<td>201–400</td>
<td>Basic</td>
</tr>
<tr>
<td>401–600</td>
<td>Intermediate</td>
</tr>
<tr>
<td>601–800</td>
<td>Advanced</td>
</tr>
</tbody>
</table>

Interpreting results

Box 8. IPCAF scoring interpretation

<table>
<thead>
<tr>
<th>Score</th>
<th>Interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–200</td>
<td>Inadequate. IPC core components’ implementation is deficient. Significant improvement is required.</td>
</tr>
<tr>
<td>201–400</td>
<td>Basic. Some aspects of the IPC core components are in place, but not sufficiently implemented. Further improvement is required.</td>
</tr>
<tr>
<td>401–600</td>
<td>Intermediate. Most aspects of IPC core components are appropriately implemented. Continue to improve the scope and quality of implementation and focus on the development of long-term plans to sustain and further promote the existing IPC programme.</td>
</tr>
<tr>
<td>601–800</td>
<td>Advanced. The IPC core components are fully implemented according to the WHO recommendations and appropriate to the needs of your facility.</td>
</tr>
</tbody>
</table>


www.webbertraining.com
### IPCAF step 3 – Review the results and develop an action plan

**Detailed facility assessment**

<table>
<thead>
<tr>
<th>IPCAF Section</th>
<th>Strengths</th>
<th>Gaps</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. IPC programme</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. IPC guidelines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. IPC education &amp; training</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. HAI surveillance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Multimodal strategies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Monitoring/audits &amp; feedback</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Workload, staffing and bed occupancy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Built environment</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


### WHO Guidelines on Hand Hygiene in Health Care

- WHO has issued resources to support Hand Hygiene guideline implementation
- The Implementation Toolkit includes the *Hand Hygiene Self-Assessment Framework* (HHSAF)
- *HHSAF*: a validated tool for the evaluation of the level of implementation of the Multimodal Hand Hygiene Improvement Strategy
See explanatory videos at: https://youtu.be/PDz8kxrPaMk and www.tinyurl.com/HHSAFsurvey

Introduction to the Hand Hygiene Self-Assessment Framework (HHSASF)

Purpose and background
- The HHSASF assigns hospitals a score and position on a continuum of improvement from “inadequate” to “advanced”
- It is a diagnostic tool to assess existing hand hygiene activities and identify strengths and gaps
- It comprises the 5 components of the WHO Multimodal Hand Hygiene improvement strategy and addresses a total of 27 indicators framed as questions

Introduction to the Hand Hygiene Self-Assessment Framework (HHSAF)

- Hand hygiene is a key healthcare quality indicator
- The HHSAF facilitates regular monitoring and reporting of the WHO multimodal improvement strategy at local and national level
- WHO recommends to use the HHSAF on an annual basis
- HHSAF survey may act as a proxy indicator of the global quality of healthcare delivery

Who should complete and use the HHSAF?

This tool should be used by professionals in charge of implementing a strategy to improve hand hygiene within a healthcare facility

Infection control team

Senior managers

The HHSAF can be used globally at any level of hand hygiene progress

www.webbertraining.com
How is the HHSAF structured?

1. Add up your points

<table>
<thead>
<tr>
<th>Score</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. System change</td>
<td>100/100</td>
</tr>
<tr>
<td>2. Education and Training</td>
<td>60/100</td>
</tr>
<tr>
<td>3. Evaluation and Feedback</td>
<td>75/100</td>
</tr>
<tr>
<td>4. Reminders in the Workplace</td>
<td>90/100</td>
</tr>
<tr>
<td>5. Institutional Safety Climate</td>
<td>60/100</td>
</tr>
<tr>
<td><strong>Total Score</strong></td>
<td><strong>385</strong></td>
</tr>
</tbody>
</table>
1. Add up your points

<table>
<thead>
<tr>
<th>Score</th>
<th>100/100</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. System change</td>
<td></td>
</tr>
<tr>
<td>2. Education and Training</td>
<td>60/100</td>
</tr>
<tr>
<td>3. Evaluation and Feedback</td>
<td>75/100</td>
</tr>
<tr>
<td>4. Reminders in the Workplace</td>
<td>90/100</td>
</tr>
<tr>
<td>5. Institutional Safety Climate</td>
<td>60/100</td>
</tr>
<tr>
<td><strong>Total Score</strong></td>
<td><strong>385</strong></td>
</tr>
</tbody>
</table>

2. Determine the assigned Hand Hygiene Level

<table>
<thead>
<tr>
<th>Total Score</th>
<th>Hand Hygiene Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-125</td>
<td>Inadequate</td>
</tr>
<tr>
<td>126-250</td>
<td>Basic</td>
</tr>
<tr>
<td>251-375</td>
<td>Intermediate or (consolidation)</td>
</tr>
<tr>
<td>376-500</td>
<td>Advanced or (embedding)</td>
</tr>
</tbody>
</table>

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

1. Add up your points.

<table>
<thead>
<tr>
<th>Component</th>
<th>Subtotal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. System Change</td>
<td>100</td>
</tr>
<tr>
<td>2. Education and Training</td>
<td>60</td>
</tr>
<tr>
<td>3. Evaluation and Feedback</td>
<td>75</td>
</tr>
<tr>
<td>4. Reminders in the Workplace</td>
<td>90</td>
</tr>
<tr>
<td>5. Institutional Safety Climate</td>
<td>60</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>385</strong></td>
</tr>
</tbody>
</table>

2. Determine the assigned “Hand Hygiene Level” for your facility.

<table>
<thead>
<tr>
<th>Total Score (range)</th>
<th>Hand Hygiene Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 125</td>
<td>Inadequate</td>
</tr>
<tr>
<td>126 - 250</td>
<td>Basic</td>
</tr>
<tr>
<td>251 - 375</td>
<td>Intermediate (or Consolidation)</td>
</tr>
<tr>
<td>376 - 500</td>
<td>Advanced (or Embedding)</td>
</tr>
</tbody>
</table>

3. If your facility has reached the Advanced level, then complete the Leadership section overleaf.
(Otherwise go to Step 4.)

Your facility has not reached Hand Hygiene Leadership level, yet.

Continue to use the WHO Hand Hygiene Self-assessment Framework

Find template action plans here:

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Interpretation: A four step process

1. Add up your points
   - System change
   - Education and Training
   - Evaluation and Feedback
   - Reminders in the Workplace
   - Institutional Safety Climate

2. Determine the Hand Hygiene Level

<table>
<thead>
<tr>
<th>Total Score (max)</th>
<th>Hand Hygiene Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 125</td>
<td>Inadequate</td>
</tr>
<tr>
<td>126 - 269</td>
<td>Basic</td>
</tr>
<tr>
<td>251 - 375</td>
<td>Intermediate (or Don disemb)</td>
</tr>
<tr>
<td>376 - 509</td>
<td>Advanced (or Embedding)</td>
</tr>
</tbody>
</table>

3. Complete the Leadership Section
   - For Advanced Hand Hygiene Level
   - If not go to Step 4
   - Answer "yes" to at least one leadership criteria per category
   - For HH Leadership level score should be 12 or more

4. Develop and execute an action plan
   - Analysis of results
   - Identify strengths and gaps
   - Next steps for improvement
   - Sustain the HH programme over the long term

HAND HYGIENE SELF-ASSESSMENT FRAMEWORK 2019

WHO HHSAF Global Survey 2011

- Participation of 2119 health-care settings from 69 countries
- Find more at http://www.who.int/gpsc/5may/hhsaf_framework/en/
- Scientific publication:

www.webbertraining.com
Major article

Status of the implementation of the World Health Organization multimodal hand hygiene strategy in United States of America health care facilities

Benedetta Allegranzi MD, 1, Laurie Conway RN, MS, CIC, 2, Elain Larson RN, PhD, FAAN, CIC, 2, Didier Pittet MD, MS 2

2Adolescent Care Program and WHO Collaborating Centre on Patient Safety, University of Geneva Hospitals and Faculty of Medicine, Geneva, Switzerland

Key Words
WHO multimodal strategy
Health care-associated infection
Infection control
US hospitals
WHO Hand Hygiene Self-Assessment Framework

Background: The World Health Organization (WHO) launched a multimodal strategy and campaign in 2009 to improve hand hygiene practices worldwide. Our objective was to evaluate the implementation of the strategy in United States health care facilities.

Methods: From July through December 2011, US facilities participating in the WHO global campaign were invited to complete the Hand Hygiene Self-Assessment Framework online, a validated tool based on the WHO multimodal strategy.

Results: Of 2,218 invited facilities, 168 participated in the survey (7.5%). A detailed analysis of 129, mainly non-teaching public facilities (89.6%), showed that most had an advanced or intermediate level of hand hygiene implementation progress (40.0% and 45.0%, respectively). The total Hand Hygiene Self-Assessment Framework score was 36 points higher for facilities with staffing levels of infection preventionists > 0.75/100 beds than for those with lower ratios (P < .00) and 41 points higher for facilities participating in hand hygiene campaigns (P < .00).

Conclusion: Before the Webber Survey, the survey results are more and allow integration of

Median component scores for US facilities participating in the WHO Hand Hygiene Self-Assessment Framework survey 2011 (n = 129)

Global hand hygiene improvement progress: two surveys using the WHO Hand Hygiene Self-Assessment Framework

C. Kilpatrick\textsuperscript{a}, E. Tartari\textsuperscript{b,c}, A. Gayet-Ageron\textsuperscript{b,d}, J. Storr\textsuperscript{a}, S. Tomczyk\textsuperscript{a}, B. Allegranzi\textsuperscript{a}, D. Pittet\textsuperscript{b,*}

\textsuperscript{a} Infection Prevention and Control Global Unit, Department of Service Delivery and Safety, World Health Organization, Geneva, Switzerland

\textsuperscript{b} Infection Control Programme and WHO Collaborating Centre on Patient Safety, University of Geneva Hospitals and Faculty of Medicine, Geneva, Switzerland

\textsuperscript{c} Department of Nursing, Faculty of Health Sciences, University of Malta, Malta

\textsuperscript{d} Department of Health and Community Medicine, Division of Clinical Epidemiology, University of Geneva Hospitals and Faculty of Medicine, Geneva, Switzerland

Kilpatrick et al. J Hosp Infect 2018; 100: 202-206

Median score in hospitals* in 2011 & 2015

Overall and by WHO region

\textit{only in hospitals participating in both survey in 2011 & 2015}
WHO HHSASF Global surveys 2011 – 2015; conclusions

- Global improvement in hand hygiene promotion capacity was observed worldwide
- Institutional safety climate scored the lowest
- IPC interventions can be enhanced in the context of a positive safety culture
- Use of the HHSASF could counter campaign fatigue and contribute to sustained incremental progress

People in health facilities around the world told us why using the framework is beneficial...

“We are easily carried away with various emerging priorities in infection control; the hand hygiene self-assessment framework is key to keeping hand hygiene on everyone’s agenda and having a clear strategy in place.”
People in health facilities around the world told us why using the framework is beneficial...

“We are easily carried away with various emerging priorities in infection control; the hand hygiene self-assessment framework is key to keeping hand hygiene on everyone’s agenda and having a clear strategy in place.”

Hand Hygiene Self-Assessment Framework

“The tool is a driver which has enabled us to critically appraise our hand hygiene programme and improve it.”

Join us! Over 1200 facilities from 101 countries have already participated

Instructions

• Health-care facilities registered for SAVE LIVES: Clean Your Hands and participating in other WHO networks will receive a personal email invitation to participate, including specific link to the WHO IPC Global Survey online system
• Other health-care facilities wishing to participate can:
  ➢ Submit their data to www.who-ipc-survey.org after completing the tools locally
• You can submit enquiries to who_ipc Globalsurvey@who.int

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

5 May 2019 – what’s the menu

- **5 May 2019** theme: the link of IPC and hand hygiene with quality UHC
- The **evidence** that IPC and hand hygiene improve quality of care and patient outcomes
- **WHO Global survey 2019**: facility-level assessments in a spirit of improvement

**5 May 2019: Clean Care For All; it’s in your hands**

- **5 May 2019 calls for actions**
- UHC / Hand Hygiene **solidarity chains**
- WHO 5 May: **video message**
- Let’s pledge for **SAVE LIVES: Clean YOUR Hands** “Clean Care for All; it’s in your hands”
- “It’s in Your Hands”: **the song**

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Danish

Indonesian

Italian

German

Swedish

Greek

Malay

Farsi

Ahmaric

Urdu

Turkish

www.webbertraining.com
5 May 2019 – what’s the menu

- **5 May 2019** theme: the link of IPC and hand hygiene with quality UHC
- The **evidence** that IPC and hand hygiene improve quality of care and patient outcomes
- **WHO Global survey 2019**: facility-level assessments in a spirit of improvement
- **5 May 2019**: *Clean Care For All; it’s in your hands*

**5 May 2019 calls for actions**

- UHC / Hand Hygiene **solidarity chains**
- WHO 5 May: **video message**
- Let’s pledge for **SAVE LIVES**: *Clean YOUR Hands* “Clean Care for All; it’s in your hands”
- “It’s in Your Hands”: **the song**

---

**HEALTH WORKERS**

Champion clean care
It’s in your hands

#InfectionPrevention
#HandHygiene #Healthcare

Be part of the WHO 5 May
Clean YOUR Hands campaign

---

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Infection Prevention & Control Leaders
Monitor infection prevention and control standards
Take action and improve practices
#InfectionPrevention
#HandHygiene #HealthForAll

Health Facility Leaders
Is your facility up to WHO infection control and hand hygiene standards?
Take part in the WHO survey 2019 and take action!
#InfectionPrevention
#HandHygiene #HealthForAll

Be part of the WHO SAVE LIVES: Clean YOUR Hands campaign

www.webbertraining.com
MINISTRIES OF HEALTH

Does your country meet infection prevention and control standards?

Monitor and act to achieve quality universal health coverage

#InfectionPrevention
#HandHygiene #HealthForAll

A part of the WHO SAVE LIVES: Clean YOUR Hands campaign
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

English

Arabic

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass
SAVE LIVES: Clean Your Hands 5 May 2019 campaign
Help in translation in IPC – Worldwide coverage

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

POSTER MAKER
Save Lives by Supporting the 5th of May campaign
Create your own version of the 5th of May campaign posters to print, post and share with your friends to spread awareness for the campaign.

Step 1: Take Your Photo
1. Stand in front of a dark background
2. Ask a friend to take a portrait photo

TAKING YOUR PHOTO
Stand in front of a dark background
Ask a friend to take a photo in a portrait layout

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Step 2: Create Your Poster

3. Choose one of the templates in this kit
4. Insert your photo into the space
5. Print the poster and share on social media

INSERTING AND PLACING YOUR IMAGE
To add your image onto the poster, select insert image and choose your photograph.

Then click on your photo, right click and select SEND TO BACK.

Step 3: Promote The Campaign

6. Share on Twitter
7. Share on Instagram
8. Share on Facebook

SHARE SOCIA LLY
Choose FILE and then EXPORT to save your image as a picture and then share on all the Social Media.

Make sure to use the following #Hashtags

#HandHygiene #InfectionPrevention #HealthForAll

Send it simply on
www.cleanhandssavelives.org

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

INFECTION PREVENTION & CONTROL LEADERS
Monitor infection prevention and control standards
Take action and improve practices

#InfectionPrevention
#HandHygiene #HealthForAll

Be part of the WHO SAVE LIVES: Clean Your Hands campaign

DR. A. TEDROS
DIRECTOR GENERAL
WORLD HEALTH ORGANIZATION
Achieving universal health coverage means quality care for everyone, everywhere
Quality care is clean care
We all have a part to play in making care safer

#InfectionPrevention
#HandHygiene #HealthForAll

Be part of the WHO SAVE LIVES: Clean Your Hands campaign

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

DR. A. TEDROS
DIRECTOR GENERAL
WORLD HEALTH ORGANIZATION

Achieving universal health coverage means quality care for everyone, everywhere.

Quality care is clean care.

We all have a part to play in making care safe.

5 May promotion on stakeholders’ web pages - thank you very much!

www.webbertraining.com
5 May 2019 – what’s the menu

- **5 May 2019** theme: the link of IPC and hand hygiene with quality UHC
- The **evidence** that IPC and hand hygiene improve quality of care and patient outcomes
- **WHO Global survey 2019**: facility-level assessments in a spirit of improvement
- **5 May 2019**: *Clean Care For All; it’s in your hands*
- **5 May 2019 calls for actions**
  - UHC / Hand Hygiene **solidarity chains**
  - WHO 5 May: **video message**
  - Let’s pledge for **SAVE LIVES**: **Clean YOUR Hands “Clean Care for All; it’s in your hands”**
  - “It’s in Your Hands”: **the song**

---

Solidarity Chain (April 7th – May 5th)

….. and BEYOND

[Image of hands shaking]

*let's join hands*

---

[Website link]

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass


THIS WORLD HEALTH DAY,
HUNDREDS OF PEOPLE CAME TOGETHER IN GENEVA
IN SUPPORT OF HEALTH FOR ALL

www.who.int/infection-prevention/campaigns/clean-hands/5May2019_SolidarityChain.pdf?ua=1


WE STAND TOGETHER IN OUR
SHARED COMMITMENT TO MAKE
UNIVERSAL HEALTH COVERAGE A REALITY

www.who.int/infection-prevention/campaigns/clean-hands/5May2019_SolidarityChain.pdf?ua=1

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass


WE STAND TOGETHER IN OUR
SHARED COMMITMENT TO MAKE
UNIVERSAL HEALTH COVERAGE A REALITY

www.who.int/infection-prevention/campaigns/clean-hands/5May2019_SolidarityChain.pdf?ua=1


IT’S TIME FOR...

www.who.int/infection-prevention/campaigns/clean-hands/5May2019_SolidarityChain.pdf?ua=1

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

HEALTH FOR ALL

WHO 2019

SIGN THE PETITION
WWW.WHO.INT/PETITION

World Health Organization

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

World Health Day 2019
The first solidarity chain to pledge for universal health coverage
7 April 2019


Hand hygiene moment at first solidarity chain for « Health for All » on World Health Day – 7 April 2019

www.webbertraining.com
Hand hygiene moment at first solidarity chain for « Health for All » on World Health Day – 7 April 2019
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Hand hygiene moment at first solidarity chain for « Health for All » on World Health Day – 7 April 2019

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Hand hygiene moment at first solidarity chain for « Health for All » on World Health Day – 7 April 2019

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

5 May 2019 promotion video by

www.tinyURL.com/5May2019WHOcc

The 5th of May Solidarity Chain

Join us in a solidarity chain to show that our health care facility is serious about making clean care for all a priority

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

World Hand Hygiene Day
SAVE LIVES: Clean Your Hands 5 May 2019
Solidarity Chain | Instructions

Background
World Hand Hygiene Day 5 May 2019 marks the 11th year of the WHO SAVE LIVES: Clean Your Hands campaign. WHO calls on everyone to be inspired by the global movement to achieve universal health coverage (UHC) under the banner of ‘health for all’, i.e. achieving better health and well-being for all people at all ages. This includes addressing not just financial risk protection but access to quality essential health care services and access to safe, effective, quality and affordable essential medicines and vaccines for all. Infection Prevention and Control (IPC), including hand hygiene, is critical to achieving health for all as it is a practical and evidence-based approach with demonstrated impact on quality of care and patient safety across all levels of the health system.

Example invitation text

World Hand Hygiene Day
SAVE LIVES: Clean Your Hands 5 May 2019 WHO campaign
Solidarity Chain I You are invited to join - (enter date and time)
Join us in a solidarity chain to show that our health care facility is serious about and united in making clean care for all a priority. Take the chance to network and discuss how we can all help prevent infections through IPC and hand hygiene actions, and find out about the latest resources available for you.

What will happen?
We will all form a chain, with linked hands at a set meeting point.
At a key moment, you will be instructed, one person will peel off from the chain and walk directly to an agreed end point with each person following them in what would be a final march.
During this final march, each person will take a bottle of alcohol-based handrub from their pocket and clean their hands as they walk and then hold one hand up in the air symbolizing

Instructions
The 5th of May Solidarity Chain

Form a chain, walking hand in hand
At the end of your walk:
• Peel off and walk directly to the agreed end point
• During this final march,
  - take a bottle of alcohol-based handrub and clean your hands as you walk and then hold one hand up in the air symbolizing clean hands (or a five)
  OR
  - each person hold one hand up in the air symbolizing clean hands (or a five)

Photos and videos can be posted online.
Follow the instructions provided at www.CleanHandsSaveLives.org

www.webbertraining.com
5 May 2019 – what’s the menu

- **5 May 2019** theme: the link of IPC and hand hygiene with quality UHC
- The **evidence** that IPC and hand hygiene improve quality of care and patient outcomes
- **WHO Global survey 2019:** facility-level assessments in a spirit of improvement
- **5 May 2019:** *Clean Care For All; it’s in your hands*
- **5 May 2019 calls for actions**
- UHC / Hand Hygiene **solidarity chains**
- **WHO 5 May: video message**
  - Let’s pledge for **SAVE LIVES: Clean YOUR Hands “Clean Care for All; it’s in your hands”**
  - “It’s in Your Hands”: **the song**

---

Recording together the 2019 WHO 5 May video
https://www.youtube.com/watch?v=nw9TMfqc3cE

www.webbertraining.com
“No one should get sick while seeking care and yet globally HAIs are one of the most common consequences of poor quality care. They cause avoidable harm to hundreds of thousands of patients and fund the flames of AMR. Strong infection prevention and control is vital...”
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Let’s work together more than ever in 2019
Dr. Tedros wearing the « Clean Care for All; it’s in your hands » T-shirt

5 May 2019 – what’s the menu

- **5 May 2019** theme: the link of IPC and hand hygiene with quality UHC
- The **evidence** that IPC and hand hygiene improve quality of care and patient outcomes
- **WHO Global survey 2019**: facility-level assessments in a spirit of improvement
- **5 May 2019**: *Clean Care For All; it’s in your hands*
- 5 May 2019 **calls for actions**
- UHC / Hand Hygiene **solidarity chains**
- WHO 5 May: **video message**
- Let’s pledge for **SAVE LIVES**: Clean YOUR Hands “*Clean Care for All; it’s in your hands*”
- “It’s in Your Hands”**: **the song**

www.webbertraining.com
5 May 2019 – what’s the menu

- **5 May 2019** theme: the link of IPC and hand hygiene with quality UHC
- The **evidence** that IPC and hand hygiene improve quality of care and patient outcomes
- **WHO Global survey 2019**: facility-level assessments in a spirit of improvement
- **5 May 2019**: *Clean Care for All; it’s in your hands*
- **5 May 2019 calls for actions**
- UHC / Hand Hygiene **solidarity chains**
- WHO 5 May: **video message**
- Let’s pledge for **SAVE LIVES**: *Clean YOUR Hands “Clean Care for All; it’s in your hands”*
- “It’s in Your Hands”: **the song**
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

« It’s in your hands »
- the song

www.tinyURL.com/ItsInYourHands
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

www.tinyURL.com/ItsInYourHands

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Hands are such a simple thing

but our hands can change most everything.

www.tinyURL.com/ItsInYourHands

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

www.tinyURL.com/ItsInYourHands

Rubbing our hands helps us survive

www.tinyURL.com/ItsInYourHands

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Come and join the fight

www.tinyURL.com/ItsInYourHands

www.tinyURL.com/ItsInYourHands

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

All around the world

Let’s join our hands

www.tinyURL.com/ItsInYourHands

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

www.tinyURL.com/ItsInYourHands

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

www.tinyURL.com/ItsInYourHands

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

www.tinyURL.com/ItsInYourHands

let’s rub our hands

www.tinyURL.com/ItsInYourHands

www.webbertraining.com
« It’s in your hands » - the song
The song and more ...

- Yes, the lyrics are made available to all of you
- Yes, we are preparing a version for KARAOKE
- Yes, we will make sure access to translations of the lyrics are available directly on YouTube
- Yes, we might help you create your own song in your own language

But only after 5 May 2019 ....

www.tinyURL.com/ItsInYourHands

www.webbertraining.com
Clean Care for All – It’s In Your Hands
Prof. Benedetta Allegranzi and Prof. Didier Pittet, World Health Organization
A Webber Training Teleclass

Shiraz, Iran, April 2019 – Participating to the final steps for 5 May 2019 preparation

Save the Date:
5th ICPIC, 10-13 Sept 2019,
Geneva, Switzerland

Semmelweis at ICPIC

www.icpic.com

www.webbertraining.com
For this presentation, we would like to thank:

- Tcheun Borzykowski, Ermira Tartari and the team at the Geneva WHO Collaborating Centre
- Claire Kilpatrick
- Safiah Mai
- Julie Storr

Follow and like
@WHO
@didierpittet
@GLOBAL_POPS
https://www.who.int/infection-prevention/campaigns/clean-hands/5may2019/en/
www.cleanhandssaveslives.org
#HandHygiene
#HealthForAll
#InfectionPrevention
Thank you for participating in the WHO global annual hand hygiene campaign

“Clean care for all, it’s in your hands”

&

The WHO 2019 Global Survey on Infection Prevention and Control and Hand Hygiene

Learn more at:  
https://www.who.int/infection-prevention/campaigns/clean-hands/5may2019/en/

Send enquiries to: who_ipc_globalsurvey@who.int

www.webbertraining.com/schedulep1.php

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 16, 2019</td>
<td>IMMIGRANT AND REFUGEE POPULATIONS: A PUBLIC HEALTH AND POLICY</td>
</tr>
<tr>
<td></td>
<td>PERSPECTIVE ON A CONTINUING GLOBAL CRISIS</td>
</tr>
<tr>
<td></td>
<td>Speaker: Prof. Sotirios Tsiodras, National and Kapodistrian University of Athens, Greece</td>
</tr>
<tr>
<td>May 27, 2019</td>
<td>(FREE Teleclass – Broadcast live from the IPAC Canada conference)</td>
</tr>
<tr>
<td></td>
<td>ADAPTING IPAC IN UNCONVENTIONAL SPACES</td>
</tr>
<tr>
<td></td>
<td>Speaker:</td>
</tr>
<tr>
<td></td>
<td>Peter Hoffman, Public Health England</td>
</tr>
<tr>
<td></td>
<td>Karen Staniforth, Nottingham University Hospitals, UK</td>
</tr>
<tr>
<td></td>
<td>Dr. Michael Weinbren, University Hospitals Coventry &amp; Warwickshire NHS Trust</td>
</tr>
<tr>
<td></td>
<td>In collaboration with Healthcare Infection Society (HIS)</td>
</tr>
<tr>
<td>May 28, 2019</td>
<td>(FREE Teleclass – Broadcast live from the IPAC Canada conference)</td>
</tr>
<tr>
<td></td>
<td>ADULT LEARNING STYLES</td>
</tr>
<tr>
<td></td>
<td>Speaker:</td>
</tr>
<tr>
<td></td>
<td>Karren Hoffman, University of North Carolina School of Medicine</td>
</tr>
<tr>
<td></td>
<td>Professor Marilyn Cruikshank, University of Technology, Sydney, Australia</td>
</tr>
<tr>
<td></td>
<td>In collaboration with the Association for Professionals in Infection Prevention and Epidemiology (APIC) and Australasia College for Infection Prevention and Control</td>
</tr>
</tbody>
</table>

www.webbertraining.com
Thanks to Teleclass Education

PATRON SPONSORS

Diversey
www.diversey.com

Virox
www.virox.com

World Health Organization
Infection Prevention and Control Global Unit
www.who.int/gpsc/en

www.webbertraining.com