

WHO Clean Care is Safer Care Programme

10 YEARS OF *CLEAN CARE IS SAFER CARE*
WHY YOU SHOULD BE A PART
OF THE SOCIAL PANDEMIC THAT IS
SAVE LIVES: CLEAN YOUR HANDS

Professor Didier Pittet

Infection Control Programme &
WHO Collaborating Centre on Patient Safety
University of Geneva Hospitals and
Faculty of Medicine, Geneva, Switzerland

Hosted by:
Dr. Benedetta Allegranzi, WHO SDS



Sponsored by
WHO Patient Safety Challenge
Clean Care is Safer Care

Hand Hygiene – a global life saving action



Launched October 2005
Clean Care is Safer Care, 2005-2015

Page 2



Clean Care is Safer Care

Clean Care is Safer Care

▶ [Save Lives: Clean Your Hands](#)

[The evidence for clean hands](#)

[Campaigning countries](#)

[Information centre](#)

[News and events](#)

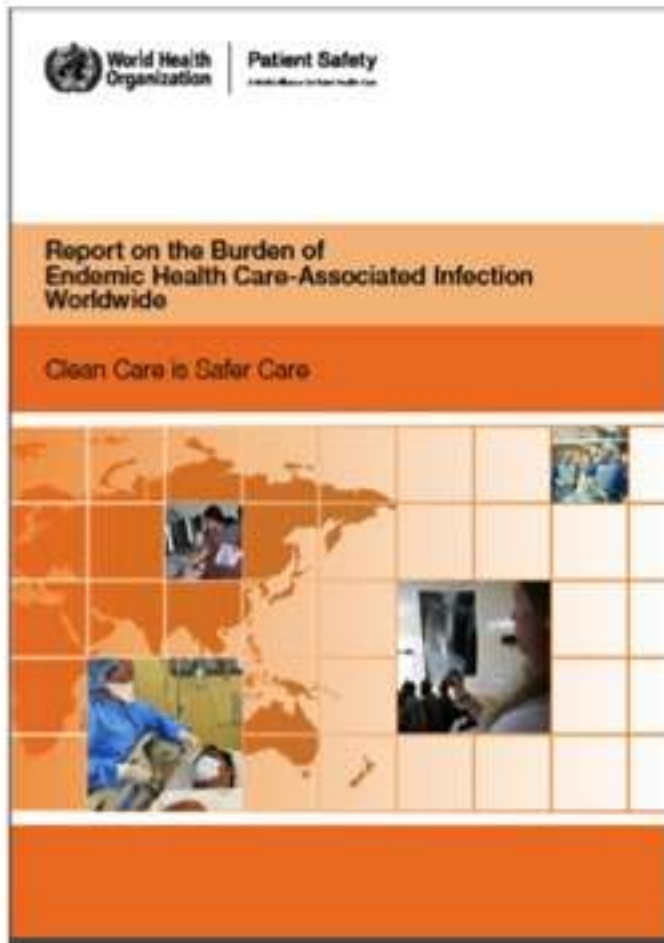
Background to Clean Care is Safer Care

In previous years, WHO Global Patient Safety Challenges were born from calls from around the world on specific patient safety issues, and were also reflected in global campaigns, which have brought together expertise and evidence to raise awareness, and to catalyze political and professional commitment on these important topics. They have also generated knowledge, recommendations and actions to improve the safety of patients receiving care globally.

The focus and objectives of Clean Care is Safer Care

The first of these Challenges, Clean Care is Safer Care, which was launched in 2005, targeted the important aspect of reducing health care-associated infections (HCAIs). HCAI is the most frequent harmful event in health-care delivery and occurs

The reason for SafeHANDS



- **Hundreds of millions** of patients are affected by **health care-associated infections** (HAIs) worldwide each year, leading to significant mortality, financial losses for health systems, and patients' and families' suffering
- **Hand hygiene at the right times saves lives**
- **Hand hygiene action** provides assurance that a **health system overall is a safer place to receive care**
- Health-care problems, like **HAIs** which are often invisible but nevertheless still occur, are still **political and social challenges** that we **must address now through hand hygiene**

In 10 years, *Clean Care is Safer Care* has evolved to become the *Infection Control Programme* hosted by the new WHO HQ Service Delivery and Safety department



**Continuing to aim to reduce
healthcare-associated infection worldwide**

WHO Service Delivery & Safety dept – Clean Care is Safer Care

Focus in 2014-2015 (1)

- Support for and consolidation of **hand hygiene improvement** through SAVE LIVES: Clean Your Hands campaign, *CleanHandsNet*, and POPS – **5 May 2015**
- **Infection prevention and control (IPC) for the Ebola outbreak**
 - *Response*
 - *Recovery*
 - *Resilience*
- **Country support** for capacity building and strengthening the core components of IPC programmes
- **Burden of HAI** worldwide – **SSI burden update**

Page 6

WHO Service Delivery & Safety dep Clean Care is Safer Care Focus in 2014-2015 (2)

- **Prevention of surgical site infection**
 - ✓ *New Guidelines under development*
 - ✓ *Surgical Unit-based Safety Programme (SUSP) project in African hospitals*
 - *Manual on sterilization and safe processing of medical devices (launch in June 2015)*
- **Injection safety** new global initiative
 - ✓ *New Policy launched in February 2015*
 - *New Global Injection Safety campaign (to be launched)*
- **AMR prevention and control in health care**
 - ✓ *AMR IPC expertise provided in consultations*
 - ✓ *AMR hand hygiene resources produced for 5 May 2014*

Page 7

**5 May 2015: *hand hygiene* is
the entrance door to strengthening
health-care systems and delivery**



5 May 2015 – this year is different

- **Awareness raising** - a social marketing strategy
#safeHANDS and country engagement
- **Mobilisation** - a year of activities
- **Building on the evidence base** - consolidating the WHO improvement toolkit
- The role of hand hygiene in the **Ebola** outbreak
- Commitment to **SAVE LIVES: Clean YOUR Hands** continues around the world!

SAVE LIVES



Clean Your Hands



#safeHANDS



World Health
Organization



World Health
Organization

SAVE LIVES
Clean Your Hands

Clean Care
is Safer Care
2005-2015

*Are you ready
for 5 May 2015 ?*



*Are you ready
for 5 May 2015 ?*

I provide clean care

#safeHANDS

FLAMINIA, Italy

*Are you ready
for 5 May 2015 ?*

I provide clean care

#safeHANDS

Lionel, HUG, Genève

*Join us
from 5 May 2015*



« We provide clean care - #safeHANDS »



*Are you ready
for 5 May 2015 ?*

I deserve clean care

#safeHANDS

Sonia Geniva. ♡

*Join us
from 5 May 2015*

#safeHANDS

A woman with dark, curly hair, wearing a brown top and a patterned scarf, is smiling and holding a young child in a pink shirt. She is holding a white sign that says "#safeHANDS". The background is a blurred indoor setting, possibly a hallway or a room with other people.

*Join us
from 5 May 2015*

#safeHANDS

Use *YOUR* own language

I provide clean care
I deserve clean care
I promote clean care

Je prodigue des soins propres
Je mérite des soins propres
Je m'engage pour des soins propres

نظيف علاج اقدم
نظيف علاج استحق
النظيف العلاج اعزز انا

#safeHANDS

Yo proporciono una atención limpia
Yo merezco una atención limpia
Yo promuevo una atención limpia

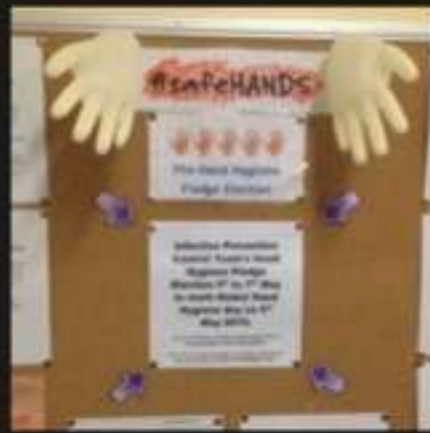
我提供清洁医疗
我应得清洁医疗
我提倡清洁医疗

Я соблюдаю гигиену рук
Я требую соблюдения гигиены рук
Я способствую гигиене рук

Health-care facilities and
individuals around the world

THE GLOBAL REACH!







Info
Clean Hands Saves Lives - 30.04.2015

kate.ryan
#safeHANDS pic

@hospitaloeyza
Campaña por atención segura en Hospital Loayza #manoslimpias @hospitaloeyza #safehands #manosseguras #hisa #hilo

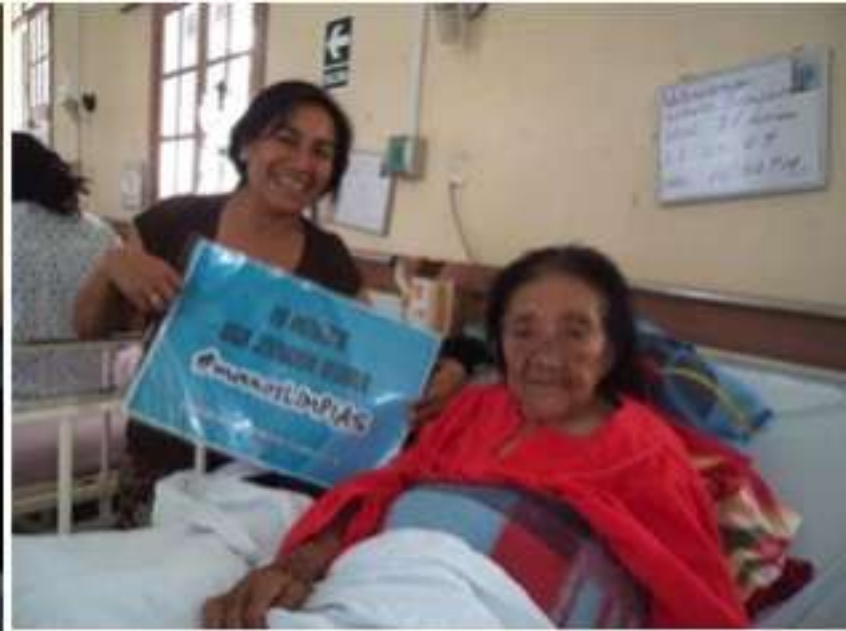




Je mérite des soins propres

#safeHANDS

MALOU 94 ans



Families pledging
for #safeHANDS
for their parents



#safeHANDS

FOR PAPPY & MAMMY

Launch

1st Global Patient Safety Challenge

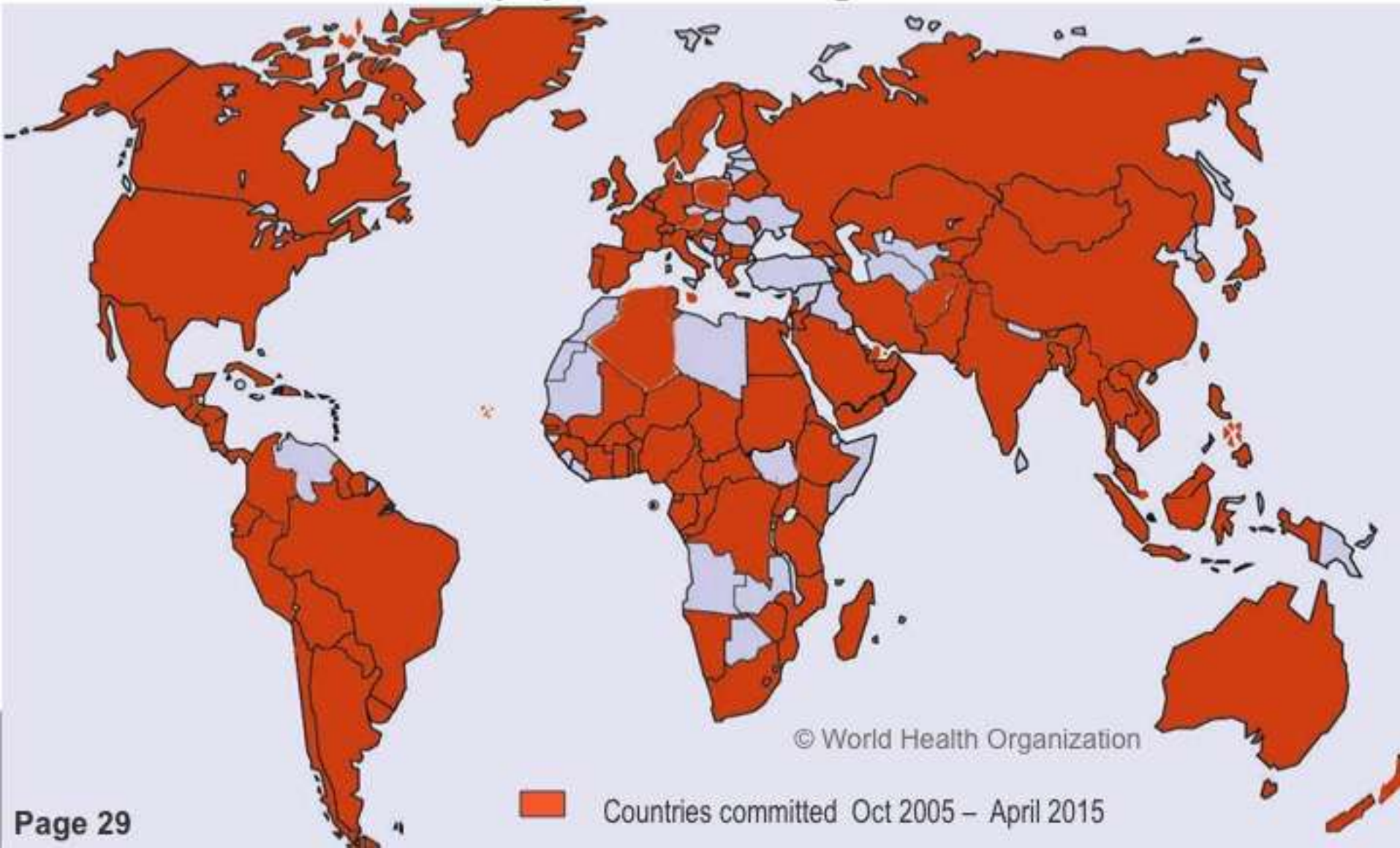
WHO headquarter, Geneva, Switzerland

13 October 2005



136 countries committed to address health care-associated infection

World population coverage : > 93 %

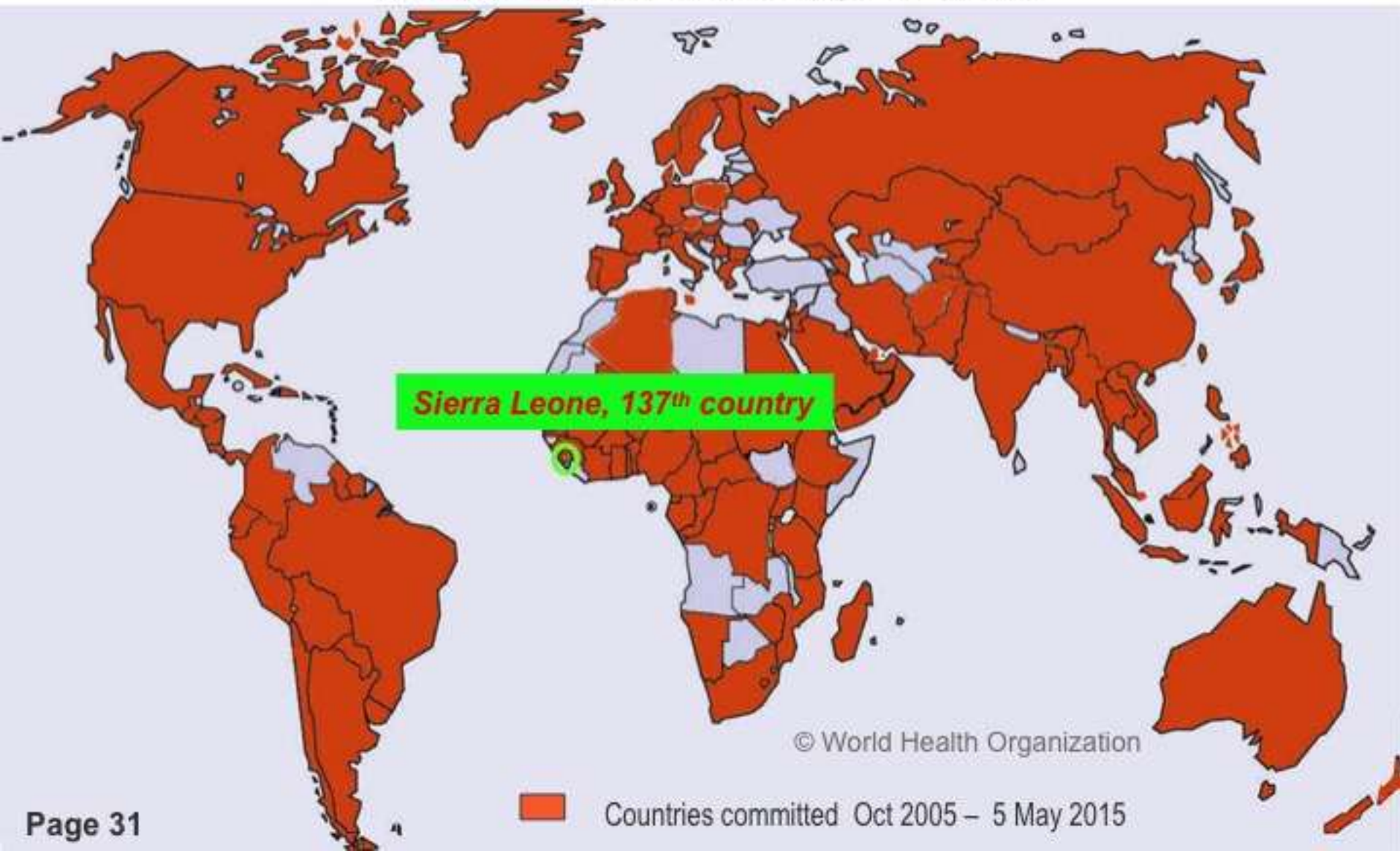


On 5 May 2015, His Excellency the Sierra Leone Minister of Health and Sanitation pledges to fight against healthcare-associated infections *in memory of the fallen heroes of Sierra Leone Health Sector due to Ebola Viral Disease*



137 countries committed to address health care-associated infection

World population coverage : > 93 %



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

MAY 2015

2015 - LARGEST INCREASE IN AFRICAN REGION

Number of registered
health-care facilities
per 10,000,000 population *



* The number of health-care facilities registered for SAVE LIVES is adjusted by population per country. Fully adjusted estimates based on total number of health care facilities per country are not available and the estimates here may not fully represent the actual health-care facility coverage in each country.

0 1,200 2,400 4,800 Kilometers

The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: World Health Organization
Map Production: Health Statistics and
Information Systems (HSI)
World Health Organization



© WHO 2015. All rights reserved.

Page 32

Re-energising the world!

2005-2015 Clean Care is Safer Care

For 10 years member states and autonomous regions around the world have pledged their commitment to clean care. Now some of them are reminding the world just how important it still is to work towards clean hands at the point of patient care every day.

Here are some examples:

Professor Chris Baggoley AO, Chief Medical Officer, Department of Health, Australia:

"Australia is totally committed to good hand hygiene as a simple but crucial intervention to keep our patients safe. Over the last five years, Australia has implemented a successful national campaign based on the WHO strategy, with open public reporting of each hospital's hand hygiene performance. Participation in the Hand Hygiene Australia program is now a mandatory requirement for public and private hospital accreditation in Australia. Embedding and sustaining this important patient safety culture change is a key focus of health care policy."

Shona Robison, Cabinet Secretary for Health, Wellbeing and Sport, Scotland, UK:

"The Scottish Government fully supports World Hand Hygiene Day on 5th May, to raise awareness around hand-washing best practice."

Mg. Lic. Norma Peralta, Directora, Programa Nacional de Epidemiología y Control de Infecciones Hospitalarias de Argentina:

"El Programa Nacional de Epidemiología y Control de Infecciones Hospitalarias de Argentina, en el marco de la Campaña Nacional para la Mejora de Higiene de Manos que la Asociación Argentina de Enfermeros en Control de Infecciones lidera en Argentina, apoya la iniciativa y adhiere a la promoción de la higiene de manos como un alto estándar de calidad y seguridad de atención de los pacientes y prevención de enfermedades. Esta medida, simple y eficaz resulta en la disminución de las infecciones y salva cientos de vidas al año."

Desde el Argentina, el Programa Nacional de Epidemiología y Control de Infecciones Hospitalarias de Argentina, renueva, al cabo de sus primeros 10 años, su compromiso de continuar trabajando por la seguridad de los pacientes y la calidad de la atención médica.

The National Program of Epidemiology and Hospital Acquired Infections in Argentina, as part of the National Campaign for Hand Hygiene Improvement of the Argentina Association of Nurse in Infection Control leads in Argentina, supports the initiative and adheres to promote hand hygiene as a high standard of quality and safety in patient care. This measure is simple and effective in reducing infections and save hundreds of lives a year.

From Argentina, the National Program of Epidemiology and Control of Hospital Infections in Argentina, renewed, after its first 10 years, their commitment to

Dr CHAN Hon-yeo Constance, Director of Health, Hong Kong, China:

"Promoting hand hygiene in both healthcare settings and in the community has been accorded a top priority in Hong Kong ever since Hong Kong pledged to support the WHO First Global Patient Safety Challenge in 2005. In the past 10 years, Hong Kong has adopted the WHO Hand Hygiene Strategy in implementing hand hygiene programmes in hospitals, clinics and long-term care facilities. Since 2010, the 5th of May has been marked as an important annual event - Hand Hygiene Awareness Day in Hong Kong. In collaboration with healthcare institutions and community organizations, promotional activities are carried out to encourage proper hand hygiene in healthcare workers, patients, visitors and the general public."

Patient safety is always our first concern. Hong Kong is fully committed to promoting hand hygiene as one of the most effective yet simple means for infection control."

Department of Health, Republic of South Africa (via Twitter)

"Hand hygiene exists as an important topic to prevent hospital acquired infection. Join the campaign! WHO SAVE LIVES: Clean Your Hands Campaign promotes hand hygiene action at the point of patient care. Infection prevention is at the heart of strengthening health care systems #safeHANDS."

Dr Elisabeth Heisbourg, Directeur Adjoint I.I. de Directeur de la Santé, Luxembourg

Thank you!

Page 33

5 May 2015 – this year is different

- Awareness raising - a social marketing strategy
#safeHANDS and country engagement
- **Mobilisation** - a year of activities
- **Building on the evidence** base - consolidating the WHO improvement toolkit
- The role of hand hygiene in the **Ebola** outbreak
- Commitment to **SAVE LIVES: Clean YOUR Hands** continues around the world!

WHO Hand Hygiene Self-Assessment Framework!!!



A validated and systematic tool to obtain a situational analysis of hand hygiene infrastructure, promotional activities, performance monitoring and feedback, and institutional commitment

WHO Global Hand Hygiene Self-Assessment Framework Survey - 2011



World Health
Organization

WHO Hand Hygiene Self-Assessment Framework Global Survey Summary Report

From April to December 2011, health-care facilities registered for the WHO SAVE LIVES: Clean Your Hands initiative and those participating in some national hand hygiene campaigns were invited to participate in a global survey based on the

Page 36



World Health
Organization

SAVE LIVES
Clean Your Hands

WHO HHSAF Global Survey 2011



WHO Hand Hygiene Self-Assessment Framework Global Survey Summary Report

From April to December 2011, health-care facilities registered for the WHO SAVE LIVES: Clean Your Hands initiative and those participating in some national hand hygiene campaigns were invited to participate in a global survey based on the completion of the Hand Hygiene Self-Assessment Framework (HHSAF).

The survey objectives were three-fold:

- to assess the level of progress of health-care facilities in terms of hand hygiene infrastructure, promotional activities, performance monitoring and feedback, and institutional commitment, according to a range of indicators relevant to the WHO Multimodal Hand Hygiene Improvement Strategy summarized in a score;
- to identify gaps in hand hygiene infrastructures and activities according to the HHSAF indicators;
- to provide feedback through summary results.

Methods

The HHSAF is a tool providing a systematic situation analysis of hand hygiene structures, resources, promotion, and practices within a health-care facility. It resembles a questionnaire and is structured in five sections, based on the five components of the WHO Multimodal Hand Hygiene Improvement Strategy (namely system change, training and education, evaluation and performance feedback, reminders in the workplace, and institutional safety climate). The tool includes 27 indicators reflecting the key elements of each strategy component. These are assigned values totaling 100 points within each HHSAF section, adding up to a maximum overall score of 500 points. Based on its overall score, a facility is assigned to one of four levels of progress:

1. **Inadequate** (score of 0-125): hand hygiene practices and hand hygiene promotion are deficient. Significant improvement is required.

- Participation of **2119 health-care settings** from **69 countries**
- Find more at http://www.who.int/gpsc/5may/hhsa_framework/en/
- **Scientific publication:**
B. Allegranzi et al. American Journal of Infection Control 2014;42:224-30

WHO launches a **new HHSAF Global Survey** starting on **1 June 2015**



HOW TO PARTICIPATE ?

■ All health-care facilities registered for

SAVE LIVES: Clean Your Hands will be invited by WHO to participate and submit their Framework results online

■ Download the Framework at http://www.who.int/gpsc/5may/hhsa_framework/en/

and fill out the online form to give WHO your details

■ Facilities' identity and results will be kept strictly confidential

■ Results will be issued on **13 October 2015**, the 10th anniversary of the ***Clean Care is Safer Care*** programme

WHO Hand Hygiene Self-Assessment Framework Global Survey May – Sept 2015

Use the Framework to identify where your facility stands in terms of hand hygiene resources, practices and promotion!

AND

By submitting your results online, help WHO follow up the progress on hand hygiene worldwide and identify areas for further improvement!

To participate in the global survey your health-care facility must be registered for **SAVE LIVES: Clean Your Hands**

GET READY TO PARTICIPATE!!!

<http://www.who.int/gpsc/5may> EN_PSP_GPSC1_5May_2015/en/

*Facilities awarded
with the
Hand Hygiene
Excellence Award
in South-East Asia
and
Western Pacific,
in Europe,
and in Latin
America*



WHO Hand Hygiene
Self-assessment
Framework

www.handhygieneexcellenceaward.com

Apply now –
<http://www.handhygieneexcellenceaward.com>

APSIC 2013
Shanghai
Asia-Pacific Hand Hygiene
Excellence Awards
2012-2013



Country campaign fatigue?

A Hand Sanitizing Relay! (see the video: tinyurl.com/HHRelay)

- Try to break a world record – it is simple!
- Do pre and post intervention (relay) compliance monitoring
- Receive a certificate
- Be part of a global report

Arrange a hand sanitizing relay in your organization and even try to break the world record! - between now and beginning of September 2015

We would like you to tell us if you are organising a hand sanitizing relay in support of the WHO 5 May 2015 call to action. We will use your contact information to provide more instructions for you and for Professor Didier Pittet to send you a congratulatory message upon completion of your relay. We will report on the number of hospitals around the world undertaking sanitizing relays but the name of your hospital will be kept confidential. It will take 1 minute for you to complete the requested information!

- [Hand hygiene sanitizing relay information form](#)
- [Watch a video on how you can do a relay](#)

The hand sanitizing relay work is being led by the WHO Collaborating Centre (WCC) on Patient Safety (Infection Control and Improving Practices) at University Hospitals Geneva. Find brief instructions on how to do your hand sanitizing relay here - you can do your relay any time from now until September! You will receive more instructions and support if you complete the Hand Sanitizing Relay Information Form. Send any relay enquiries to handhygienelay@who.int.

↓ [Hand Sanitizing Relay: Instructions](#) pdf, 165kb

↓ [Procedure](#) pdf, 353kb

↓ [Hand sanitizing relay poster](#) pdf, 261kb

[Print this poster to advertise your relay in your health-care facility](#)

5 May 2015 Campaign posters



Web sites promoting WHO SAVE LIVES: Clean Your Hands - 5 May 2015

#SafeHANDS photos



American Journal of Infection Control
Articles and Issues • Collections • Resource Centers • For Authors • Journal Info • Subscribe • About APIC
All Content Search Advanced Search
Previous Article March 1, 2015 Volume 43, Issue 3, Pages 295-297 Next Article
Impact of the first hand sanitizing relay world record on compliance with hand hygiene in a hospital
Wing Hong Ip, MD, Benjamin J. Cowling, MBChB, PhD, Christine W. Y. Cheung, RN, David Y. Y. Wang, RN, Patricia Y. Y. Cheng, RN, Debra Fries, MD, MS, Raymond G. L. Chan, MD

http://www.who.int/gpsc/5may/EN_PSP_GPSC1_5May_2015/en/

Hong Kong
5 May 2014

**1st Hand Sanitizing Relay Guinness World Record
on Compliance with Hand Hygiene
Hong Kong Baptist Hospital**



Page 43

Get ready & Participate from 5 May to 5 Sept 2015

Get ready & Participate from 5 May to Sept 5 2015



Hong Kong, 5 May 2014
START POINT

Start Point
開始

Checkpoint
A



World Health
Organization

Hong Kong
5 May 2014

Page 45
SAVE LIVES
Clean Your Hands

Hong Kong
5 May 2014

Start Point

開始

Checkpoint

A

Page 46

Get ready & Participate from 5 May to Sept 5 2015



Have staff practice in advance!

How to Handrub?

RUB HANDS FOR HAND HYGIENE! WASH HANDS WHEN VISIBLY SOILED

1 Duration of the entire procedure: 20-30 seconds



Apply a palmful of the product in a cupped hand, covering all surfaces;



Rub hands palm to palm;



Right palm over left dorsum with interlaced fingers and vice versa;



Palm to palm with fingers interlaced;



Backs of fingers to opposing palms with fingers interlocked;



Rotational rubbing of left thumb clasped in right palm and vice versa;



Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa;



Once dry, your hands are safe.



World Health
Organization



World Health
Organization

Patient Safety
A multi-country health care

SAVE LIVES
Clean Your Hands

Page 48

SAVE LIVES
Clean Your Hands





World Health
Organization

Hong Kong
5 May 2014

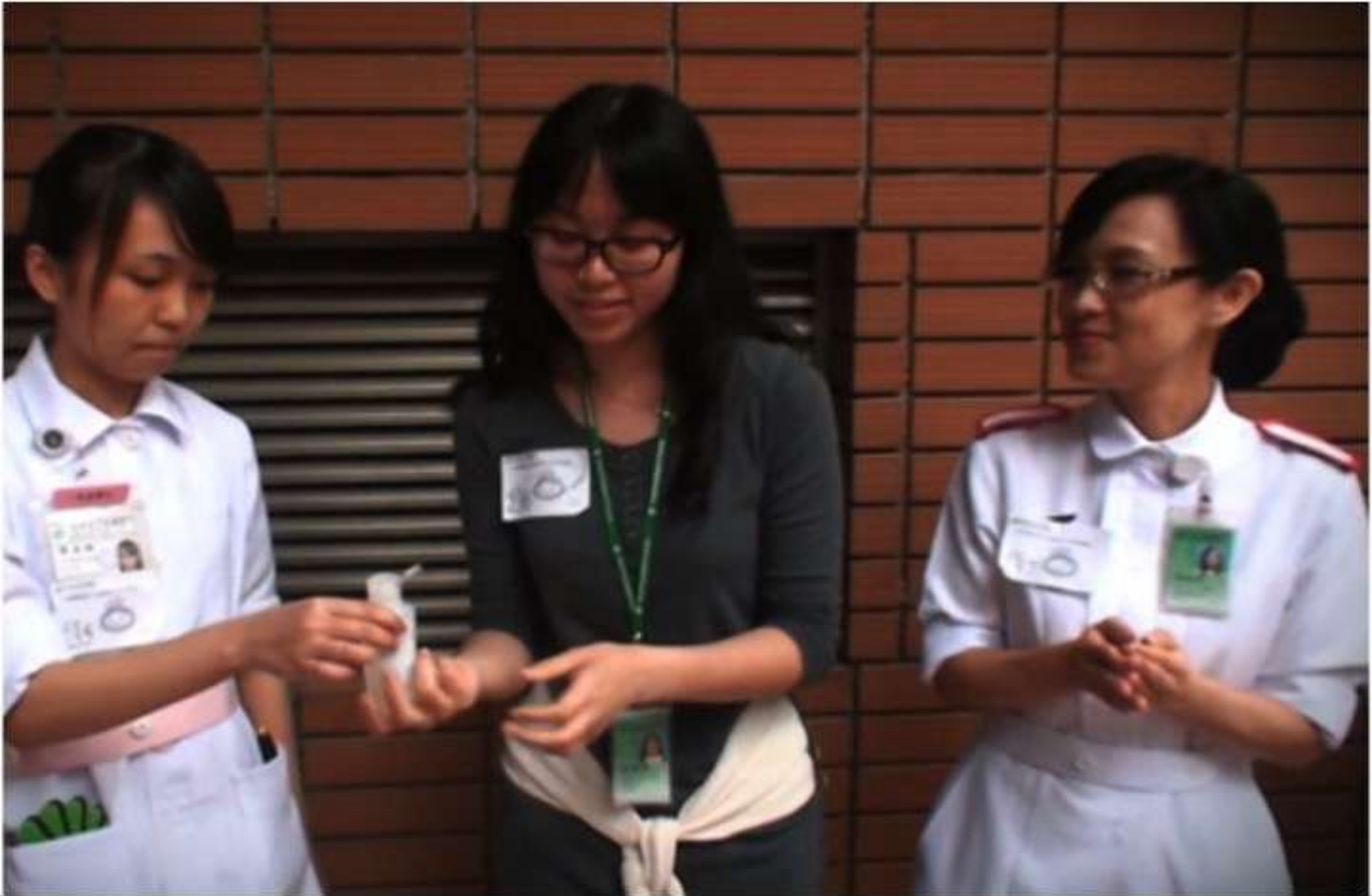
SAVE LIVES
Clean Your Hands



World Health
Organization

Hong Kong
5 May 2014

Page 51
SAVE LIVES
Clean Your Hands







World Health
Organization

Hong Kong
5 May 2014

Page 54

SAVE LIVES
Clean Your Hands

al - Block D

Floors, Kowloon

Finish
終點



World Health
Organization

Hong Kong
5 May 2014

Page 55
SAVE LIVES
Clean Your Hands

1st Hand Sanitizing Relay Guinness World Record
Hong Kong Baptist Hospital , Hong Kong, 5 May 2014

Participate from 5 May to Sept 5 2015





WHO Hand Hygiene Sanitizing Relay – New Guinness World Record
 As of 5 May 2015, WHO world Hand Hygiene Day, Prof. Didier Pittet & staff at the WHO Collaborating Center on Patient Safety in Geneva propose to all hospital...

JOIN US!

From 5 May to 5 Sept 2015



All info: who.int/5may/en/

Send your photos and videos to:

CleanHandsSaveLives.org


5 May 2015 – this year is different


- Awareness raising - a social marketing strategy
#safeHANDS and country engagement
- Mobilisation - a year of activities
- **Building on the evidence** base - consolidating the WHO improvement toolkit
- The role of hand hygiene in the **Ebola** outbreak
- Commitment to **SAVE LIVES: Clean YOUR Hands** continues around the world!

Consolidating your use of the WHO improvement toolkit


Tools and resources


Starter Kit:


 **HH Self-Assessment Framework**
doc, 281kb


 **HH – why, how and when brochure**
pdf, 407kb

 **Guide to HH Improvement**
pdf, 476kb

 **Your 5 Moments for Hand Hygiene**
pdf, 407kb

 **Guide to local ABHR production**
doc, 737kb

 **Sustaining improvement**
doc, 274kb

 **HH – why, how and when brochure**
pdf, 476kb

Tools exist for you to adopt and adapt then to support local improvement. They are proven to achieve change in patient safety if used as part of a multi-modal strategy



System Change



Reminders in the workplace



Training and education



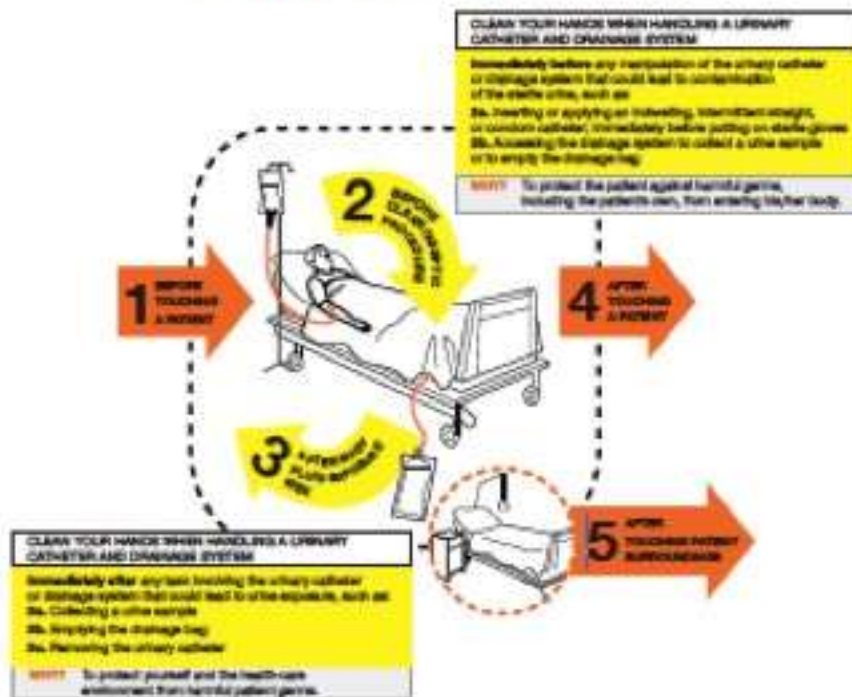
Institutional safety climate



Evaluation and feedback

2014

My 5 Moments for Hand Hygiene Focus on caring for a patient with a Urinary Catheter



5 KEY ADDITIONAL CONSIDERATIONS FOR A PATIENT WITH A URINARY CATHETER

- Make sure that there is an appropriate indication for the indwelling urinary catheter.
- Use a closed urinary drainage system, and keep it closed.
- Insert the catheter aseptically using sterile gloves.
- Assess the patient at least daily to determine whether the catheter is still necessary.
- Patients with indwelling urinary catheters do not need antibiotics (including for asymptomatic bacteriuria), unless they have a documented infection.



World Health
Organization

SAVE LIVES
Clean Your Hands

No Action Today
No Cure Tomorrow

Page 60



World Health
Organization

SAVE LIVES
Clean Your Hands

My 5 Moments for Hand Hygiene

Focus on caring for a patient with a central venous catheter



Key additional considerations for central intravenous catheters

- 1. Indication:** Ensure that a central intravenous catheter is indicated. Remove the catheter when no longer medically/clinically indicated.
- 2. Insertion/Removal/Access/Use/Management**
 - 2.1 Avoid inserting catheters into the femoral vein.
 - 2.2 Prepare clean skin with an antiseptic (alcohol-based 70% chlorhexidine gluconate preferred) before insertion.
 - 2.3 Use full sterile barrier procedures during insertion (cap, surgical mask, sterile gloves, sterile gown, large sterile drape).
 - 2.4 Replace gauze-type dressings every 2 days and transparent dressings every 7 days; replace dressings whenever visibly soiled.
- 2.5 Monitoring:** Record time and date of catheter insertion, amount and dressing change, and condition (visual appearance) of the catheter site every day.
- 2.6 Change tubing used to administer blood, blood products, chemotherapy, and fat emulsions within 24 hours of infusion start. Consider changing all other tubing every 96 hours.**
- 2.8 Use aseptic procedure (with non-touch technique) for all catheter manipulations.**
- 2.7 "Flush the hub" with alcohol-based chlorhexidine gluconate for at least 15 seconds.**

My 5 Moments for Hand Hygiene

Focus on caring for a patient with a peripheral venous catheter



Key additional considerations for peripheral intravenous catheters

- 1. Indication:** Ensure that a peripheral venous catheter is indicated. Remove the catheter when no longer medically/clinically indicated.
- 2. Insertion/Removal/Access/Use/Management**
 - 2.1 Prepare clean skin with an antiseptic (70% alcohol, tincture of iodine, or iodophor, or alcohol-based 2% chlorhexidine gluconate) before catheter insertion.
 - 2.2 Wear clean, non-sterile gloves and apply an aseptic procedure (with non-touch technique) for catheter insertion, removal, and blood sampling.
 - 2.3 Replace any dry gauze-type dressings every 2 days.
 - 2.4 Consider scheduled catheter change every 96 hours.
 - 2.5 Change tubing used to administer blood, blood products, chemotherapy, and fat emulsions within 24 hours of infusion start. Consider changing all other tubing every 96 hours.
 - 2.6 Monitoring: Record time and date of catheter insertion, removal and dressing change, and condition (visual appearance) of catheter site every day.



SAVE LIVES
Clean Your Hands

Clean Care
is Safer Care
2006-2016



SAVE LIVES
Clean Your Hands

Clean Care
is Safer Care
2006-2016

5 May 2015 – this year is different

- Awareness raising - a social marketing strategy
#safeHANDS and country engagement
- Mobilisation - a year of activities
- Building on the evidence base - consolidating the WHO improvement toolkit
- The role of hand hygiene in the **Ebola** outbreak
- Commitment to **SAVE LIVES: Clean YOUR Hands** continues around the world!

On the ground



Redemption Hospital,
Monrovia, May 2014
(Courtesy Dr Olivier Hagon)

On the ground 4 months later



Redemption Hospital,
Monrovia, September 2014
(Courtesy Dr Olivier Hagon)

Key lessons learned for infection prevention and control (IPC) from the Ebola outbreak

Absence of IPC basic measures and infrastructures both in the community and in healthcare settings led to the unprecedented situation of this outbreak

Ebola Recovery Assessment

Water, sanitation, and hygiene

- Lack of access to water, sanitation, and poor hygiene practices were problems pre-Ebola, exacerbated the outbreak, and will remain problems post-Ebola

Indicator	Guinea	Liberia	Sierra Leone
Water supply coverage	92% (urban areas; very poor reliability)	65% (rural areas; 50% fully functioning year-round)	60%
Access to improved sanitation	18.9%	16.8%	13%

The PPE obsession!



New WHO Guidelines on Hand Hygiene in Health Care in the Context of Filovirus Disease Outbreak Response

GUIDELINE ON HAND HYGIENE IN HEALTH CARE
IN THE CONTEXT OF FILOVIRUS DISEASE
OUTBREAK RESPONSE

RAPID ADVICE GUIDELINE
NOVEMBER 2014

1. Are chlorine solutions effective for hand hygiene in health care?
3. Are chlorine solutions effective for disinfection of gloves?
5. Does the use of chlorine solutions for hand hygiene cause health workers' skin irritation or lesions, respiratory side effects or any other adverse reactions?
6. Does glove disinfection with chlorine solutions cause damage to glove permeability or increased perforations?

Guideline development process

- Development of key research questions
- Systematic literature reviews
- Evidence-to-recommendations approach using the GRADE framework
- Expert consultation
- WHO Guideline Review Committee

Issued in December 2014

<http://www.who.int/mediacentre/news/releases/2014/ebola-ppe-guidelines/en/>

Recommendation 1

- We recommend performing hand hygiene, by using either an alcohol-based handrub or soap and running water applying the correct technique recommended by WHO
- Alcohol-based handrubs should be made available at every point of care (at the entrance and within the isolation rooms/areas) and are the standard of care
- If alcohol-based handrubs are unavailable, hand hygiene should be performed with soap and running water whenever necessary. When hands are visibly soiled, hand hygiene should be performed with soap and running water
- ***Strong recommendation, high-quality evidence for the effectiveness of alcohol-based handrub or soap and water***

Ebola Lessons Learned: main messages

1. IPC/WASH in healthcare settings is a cornerstone of the Ebola response
2. Patient safety and healthcare workers safety are equally important during EVD care
3. Need for adequate preparedness, i.e. meeting minimum requirements for IPC/WASH both in the community and in healthcare
4. MOH leadership, partners coordination, and consistent reference to and implementation of correct IPC standards are paramount
5. Need for including social mobilization and taking culture into account in IPC messages
6. Need for building upon the current situation of increased attention on IPC to improve basic structures and standards

WHO web page feature



The screenshot shows a WHO web page with the following content:

- Hand hygiene in the control of Ebola and health system strengthening**
- Introduction**

For any infection that can be spread through touch, including those carried in bodily fluids, hand hygiene is vital. It is the key action that protects every individual. That is why WHO highlights a number of key messages on hand hygiene in the prevention of Ebola Virus Disease, and how improving hand hygiene action can positively affect whole communities, a whole country, if the right systems and culture can be embedded.
- Key documents**
 - Hand hygiene in health care in the context of Filovirus disease outbreak response
 - WHO guidelines on hand hygiene in health care
- Ebola and hand hygiene presentation**
 - WHO Guideline and systematic review on hand hygiene and the use of chlorine in the context of Ebola
- Reports**
 - Guide to local Production: WHO-recommended Handrub Formulations (pdf, 312kb)

The page also features a graphic with the text "Safety Starts Here." and an image of hands being washed.

Acknowledging work in the field:

- *An image of Guinea, more than a year after the Ebola outbreak started – thanks to Dr Joyce Hightower*
- *Hand hygiene and infection prevention and control in Mali 2014-2015 – stopping the Ebola Virus Disease Outbreak – thanks to Dr JP Ngandu-Mbanga*

Guide to the local production of the license-free WHO alcohol-based handrub formulation

From sugar can byproducts, at low costs – Mali, Africa, 2007







Local production of alcohol-based WHO formulation,
Monrovia, Liberia, November 2014 (Courtesy Dr Olivier Hagon)

Support: CleanHandsSaveLives.org and Swiss National Aid

WHO leadership commitment – hand hygiene and Ebola in 2015



Dr A. Nordstrom, WR,
Sierra Leone



Dr E. Kelley, Director,
WHO HQ SDS

Drs B. Aylward, A. Gasgira,
J.M. Dangou WHO Ebola
West Africa



ICPIC 2015

Preliminary Programme

International Conference on Prevention & Infection Control

29 June to
2 July 2015
Geneva,
Switzerland

www.icpic2015.com

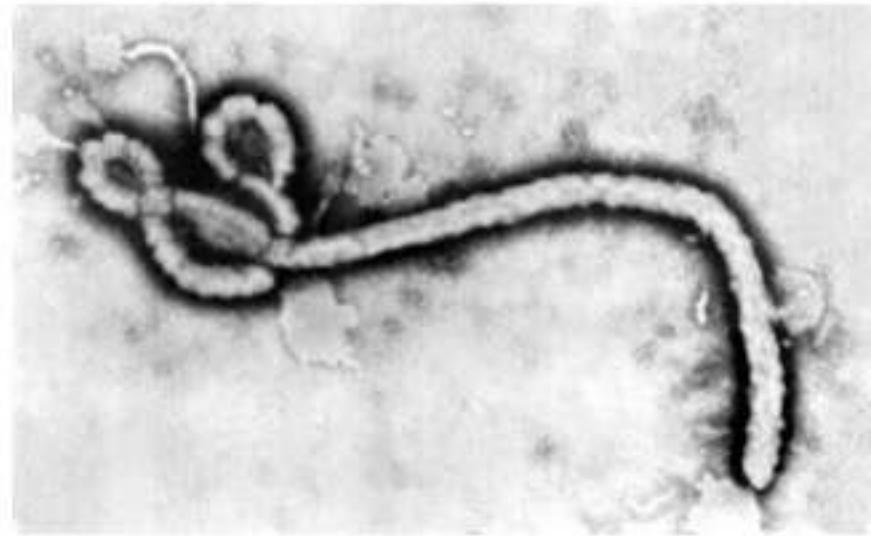
HUG
Hospitals Universitaires de Genève
University of Geneva
Faculty of Medicine Geneva, Switzerland

1000 University Center
CH-1205 Geneva
Switzerland

www.icpic2015.com

Save the Date:

**3rd ICPIC, 16-19 June 2015,
Geneva, Switzerland**



**Ebola: Hands-On
Pre-ICPIC workshop**
16 June 2015: 10AM to 5PM

See: www.ICPIC.com

5 May 2015 – this year is different

- Awareness raising - a social marketing strategy
#safeHANDS and country engagement
- Mobilisation - a year of activities
- Building on the evidence base - consolidating the WHO improvement toolkit
- The role of hand hygiene in the Ebola outbreak
- Commitment to **SAVE LIVES: Clean YOUR Hands** continues, around the world!

POPS is...



- A unique model that allows for a sense of '**community**' with **sharing** of intelligence, expertise and most importantly **ownership** of the challenge that is avoidable patient and health worker harm – **together** working for the same outcome
- It provides an enhanced **global presence** and image for all involved, translating into a greater **global reach**
- *An approach based on the principles of corporate social responsibility, the work is focused on **benefit** to member states, particularly those in low and middle-income countries*

Examples of POPS Commitment



GOJO Supports World Health Organization's SAVE Lives: Clean Your Hands Annual Global Campaign

4/28/2015

GOJO Supports World Health Organization's SAVE LIVES: Clean Your Hands Annual Global Campaign

Hand Hygiene: Your Entrance Door to Safer, More Effective Interdisciplinary Care Across the Continuum

Posted by [DebMed](#) on Apr 30, 2015 9:30:00 AM

[Tweet](#)

May 5 is the World Health Organization's (WHO's) annual [Save Lives: Clean Your Hands Day](#). It's a time for healthcare professionals to reflect on the impact of hand hygiene compliance on care quality and outcomes. This year's theme as designated by the WHO is: Strengthening healthcare systems and delivery – *hand hygiene is your entrance door*.





3M AVAGARD™ Hand Hygiene Poster Contest 2015

It's the time to bring out your creativity and shared passion, show us your creative skills and spread Hand Hygiene Awareness...

Make a poster on any one of the following

Theme 1: Why Should You Protect Your Hands

or

Theme 2: How To Practice Hand Hygiene

Tweets Tweets & replies Photos & videos

3M Infection Prevent @3M_infection · Apr 30

Set a reminder for May 5. We all can help The @WHO raise awareness for #handhygiene. s.3m.com/2bP0



Country campaigns committed to WHO call to action

Clean Care is Safer Care

WHO CleanHandsNet - a network of campaigning countries

What is WHO CleanHandsNet?



↓ CleanHandsNet global map of participants
png, 95kb

Embedding hand hygiene promotional activities as a national priority is key for sustainability. Efforts have therefore been made to support countries or areas with large scale activities to promote hand hygiene in health care.

WHO Patient Safety supports an informal network of coordinators/leaders of such activities with the aim of sharing experiences and learning from each other. At this moment there are 48 participants in the network with coordinated activities to promote hand hygiene in health care either as specific activities or as part of infection prevention and control activities or patient safety initiatives.

[WHO Patient Safety web site](#)

[Find out who has signed up to the campaign](#)

[Latest WHO campaign and Hand Hygiene news](#)

[Hand hygiene in the control of Ebola and health system strengthening](#)

[Private Organizations for Patient Safety \(POPS\) for Hand Hygiene](#)

[#safeHANDS promotional video](#)

WHO SAVE LIVES: Clean Your Hands

Examples of country work 2015 (1)

ADECI **HIGIENE DE MANOS**

Celebremos 10 años!!!

Juntos por la Seguridad de los Pacientes a través del Primer Desafío Mundial de la Organización Mundial de la Salud

VI Jornada Nacional para la Mejora de la Higiene de Manos en Argentina

El camino transitado en Argentina y en el Mundo



Hand Hygiene Promotion Activities HK, China

From 2005 to 2015

الحمى الشحمية الخطيرة

2015 إلى 2014 من أجل سلامة

2015 إلى 2014

من أجل سلامة

Mission Mains Propres / Mission Mains Propres

23 avril 2015

La France a été engagée en 2005 dans le défi mondial « à un seul enjeu » de se battre pour le meilleur de la participation française à partir de 2008 à la journée mondiale sur l'hygiène des mains à l'échelle des mains.

En 2015, le Ministère chargé de la santé renouvelle son engagement auprès de l'OMS et encourage l'implication des patients et des professionnels de la santé dans la promotion de meilleures pratiques d'hygiène des mains. L'objectif étant qu'ils soient associés pour une meilleure communication autour des soins et de leur sécurité.

Cette année, le défi porte sur le nombre de lavage des mains selon les opportunités.

Le concours « affiche & vidéo »

Do Mundial de Higiene das Mãos

Não transmita a sua impressão microbiana!

HIGIENIZE AS MÃOS

#safeHANDS

CROATIA

World Health Organization
WHO Europe

Hacettepe University

*Republic of Turkey Ministry of Health,
Hacettepe University and World Health Organization Country Office in Turkey and
Turkish Society of Hospital Infections and Control
request the honour of your company at the celebration of
Save Lives: Clean Your Hands Initiative
on Tuesday, 5th May 2015, at 11:00 hours.*

As we are approaching the launching of the 2015 National Hand Hygiene on May 3rd, we are glad to announce that a 2nd e-learning module (Multidrug-Resistant Organisms) has been uploaded on our website. This module – as the previous – is CME accredited.

To try it, log in icdkwt.com

إدارة منع العدوى
Infection Control Directorate (ICD)

Welcome to

Infection Control Directorate

To try it, log in icdkwt.com

Examples of country work 2015 (2)



Department of Health @HealthZA · 12h
Infection prevention is at the heart of strengthening health care system
[@WHO](#) [@SouthAfricanASP](#) [@GCISMedia](#) [#handhygiene](#) [#safeHANDS](#)

Clare Kilpatrick retweeted

Department of Health @HealthZA · 11h
SAVE LIVES: Clean Your Hands Campaign promotes [#handhygiene](#) action at the point of patient care [#safeHANDS](#) [@SouthAfricanASP](#) [@WHO](#)

Clare Kilpatrick retweeted

Department of Health @HealthZA · 11h
[#handhygiene](#), [#safeHANDS](#) exists as an important topic to prevent hospital acquired infection [#HAI](#) [@SouthAfricanASP](#) [@WHO](#). Join the

PAHO/WHO @pahowho · May 1
MAY5 SAVE LIVES: Clean Your Hands World Day+10 years of the "Clean care is Safer Care" program [#SafeHANDS](#)

La seguridad empieza aquí

SAVE LIVES
Clean Your Hands
[#safeHANDS](#)

WORLD NEWS @worldnews · May 1
Hand Hygiene - we aim for continuous improvement and to celebrate and share success .. Bring on May 5th [#safeHANDS](#)
@WHO and PCH

A photograph of a red tote bag with a white rectangular patch on the front. The patch has the hashtag #safeHANDS written on it in black marker. The bag is hanging on a metal railing.

Page 83

Examples of country work 2015 (3)



Infection Control Africa Network
Home About Projects

ICAN, Tygerberg Hospital Staff and Stellenbosch University supporting this initiative

Help Us Turn Africa Orange
Africa's biggest SAVE LIVES campaign
April 2015 - 2017

Why a campaign for making Africa Orange?



Hand Hygiene Australia
For Healthcare Workers Online Learning Package

World Hand Hygiene Day - 5th May 2015

SAVE LIVES. Clean Your Hands. 5 May 2015

5th May 2015

Information on the year's theme can be found at [WHO](#). This is important, as it emphasises the importance of hand hygiene action in demonstrating overall quality of care within health care facilities.



Join us!
5th May 2015, World Hand Hygiene day

Swachh Health, now listed by WHO as "Clean Hands Save India"



WORLD HAND HYGIENE DAY - 05 MAY

World Hand Hygiene Day is early here! This year's 5 May theme from the World Health Organization (WHO) is: **Strengthening healthcare systems and delivery - hand hygiene is your entrance door.**

The theme emphasises the importance of hand hygiene action in demonstrating overall quality of care within health-care facilities (WHO, 2015).

This year the WHO is calling for healthcare facilities to "Take this opportunity to show your colleagues, your country and the world what a strong quality indicator of care 'hand hygiene is' and to 'Take the opportunity to commemorate all that has happened around the world over these last 10 years'."



African Region- SAVE LIVES. clean your hands



Help Us Turn Africa Orange

Feb 2014: 669 hospitals

April 2015: 801 hospitals

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

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



Register your health facility at:

http://www.africainitiative.org/registration_campaign/

I promote clean care

#safeHANDS



Walter & Faberberg Hospital, Stellenbosch University
Cape Town, South Africa



Commitment in Sierra Leone: Country pledge, campaign activities, hospital registrations



Dr Alaa Gad, IPC Team



Miranda Deeves, IPC Team

Page 86

Too many people to mention WHO website acknowledgments – those featuring 5 May 2015

Clean Hands Saves Lives [↗](#)
Clean Hands Save India [↗](#)
Health in Your Hands - The Global Public-Private Partnership for Handwashing [↗](#)
Health Quality and Safety Commission New Zealand [↗](#)
Hospital Nacional de Niños (Costa Rica) [↗](#)
Infection Prevention and Control Canada (IPAC) [↗](#)
Infection Prevention Society (UK and Ireland) [↗](#)
Institute for Healthcare Improvement (IHI) [↗](#)
International Federation for Infection Control (IFIC) [↗](#)
International Society of Chemotherapy for Infection and Cancer [↗](#)
Le réseau CClin - Arlin, France [↗](#)
Mission Mains Propres, France [↗](#)
MRSA Survivors Network [↗](#)
National Hand Hygiene Campaign Australia [↗](#)
National Hand Hygiene Campaign Argentina [↗](#)
National Hand Hygiene Campaign Hong Kong Special Administrative Region [↗](#)
National Hand Hygiene Campaign Portugal [↗](#)
STOP! Clean Your Hands campaign (Canada) [↗](#)
Stop sepsis save lives [↗](#)

Thank you!

Clean Care is Safer Care 2005-2015

Ten years, number 10 - more to come in 2015!



Page 88



World Health
Organization

SAVE LIVES
Clean Your Hands

JOIN US!

Info&Tools – 5 May – SAVE LIVES: Clean Your Hands

<http://www.who.int/gpsc/5may/en/>

POST YOUR PHOTOS/SELFIES at:

<http://cleanhandssavelives.org>



THIERRY CROUZET

CLEAN HANDS SAVE LIVES

FOREWORD

Dr. Margaret Chan
WHO Director-General
Sir Liam Donaldson
WHO Patient Safety
Envoy



Follow, like and spread

@didierpittet

@GLOBAL_POPS

@WHO

who.int/5may/en/

CleanHandsSaveLives.org

#safeHANDS



Private
Organizations
for Patient
Safety

Page 91

CleanHandsSaveLives.org