

# Défi mondial de l'hygiène des mains: succès, enjeux, et 5 May 2021

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Infection Control Programme

WHO Collaborating Centre on Patient Safety

University of Geneva Hospitals and Faculty of Medicine, Switzerland

**Dr Pierre Parneix** MD,

Centre de prévention des IAS de Nouvelle Aquitaine

Mission nationale transversale d'appui à la prévention des infections

CHU de Bordeaux, France



**at least 0.5 million  
each day in  
hospitals only**

# Hospital infections

500,000 patients each day

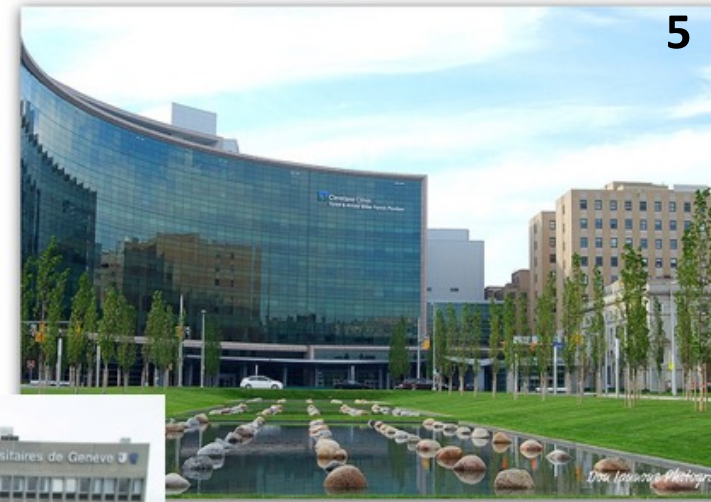
16 million **deaths** every year



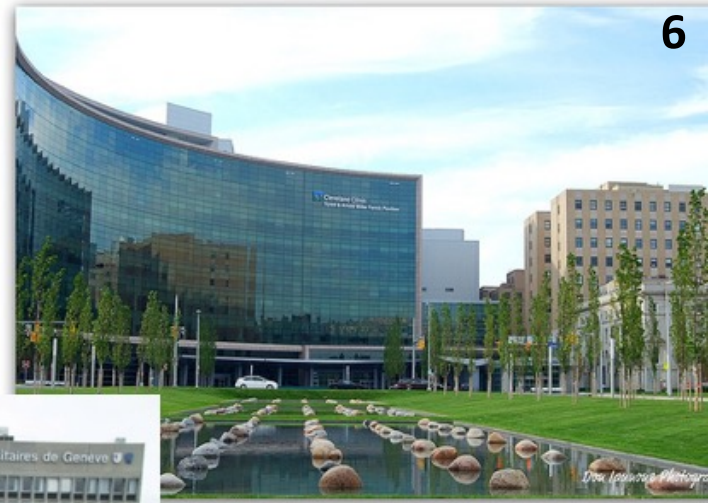
Infections liées aux soins

Une pandémie  
silencieuse

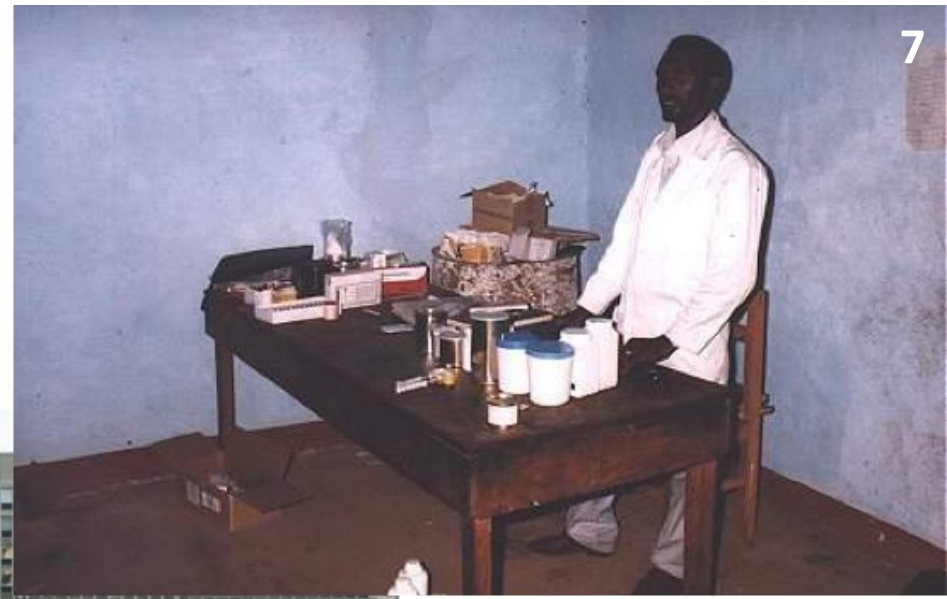
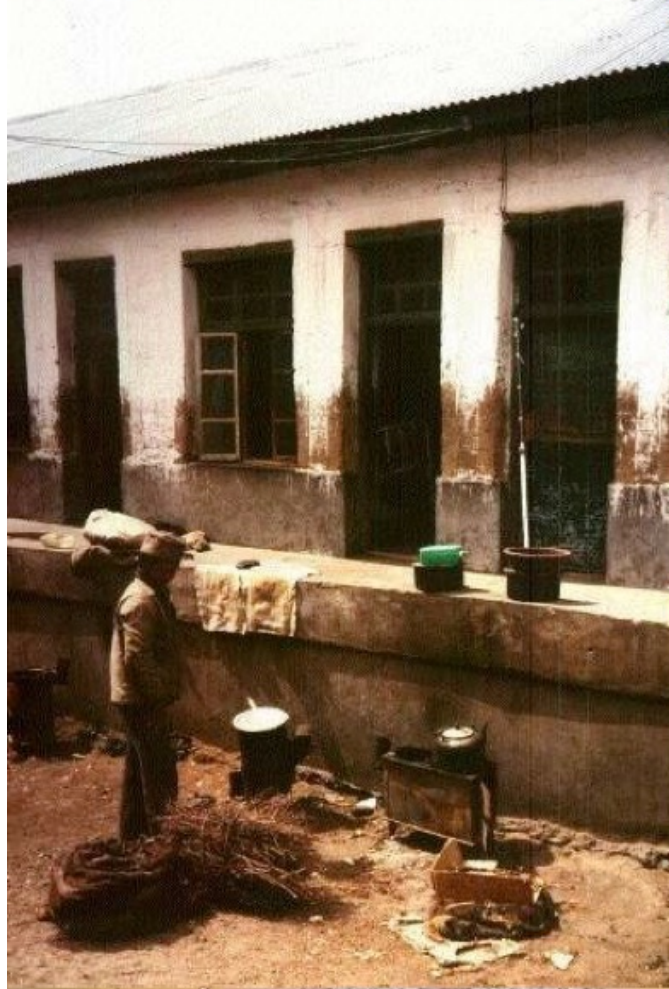








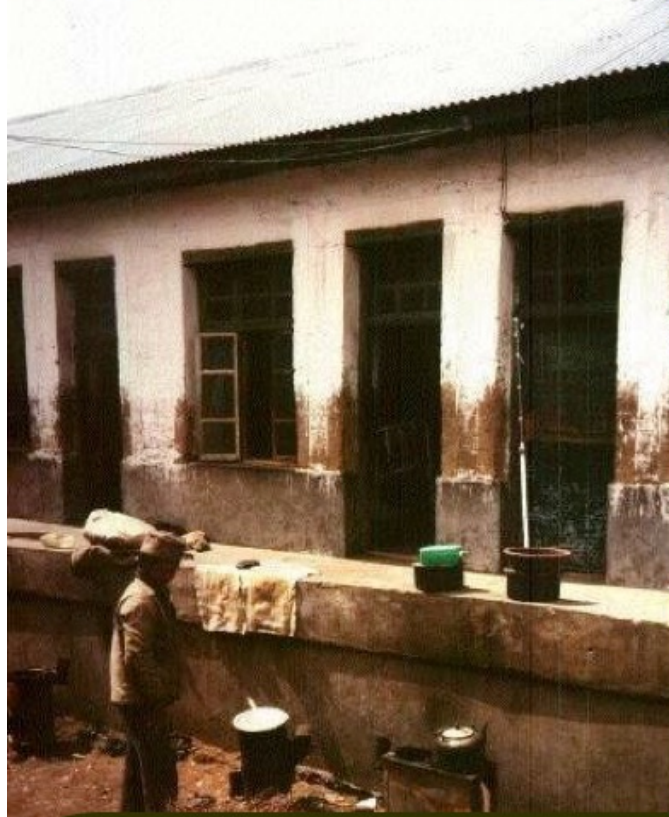
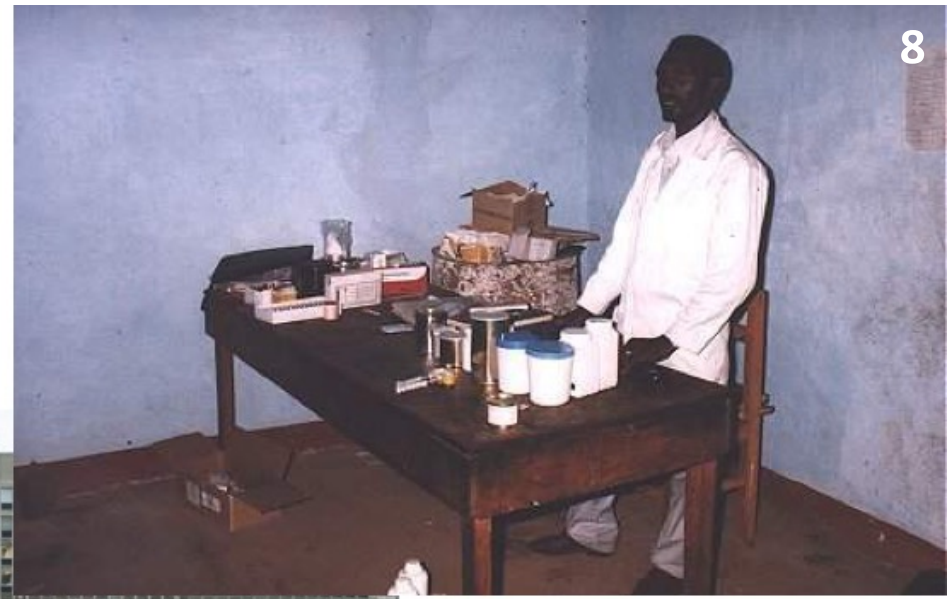




7







**No hospital, no country, no health-care system in the world can claim to have solved the problem**





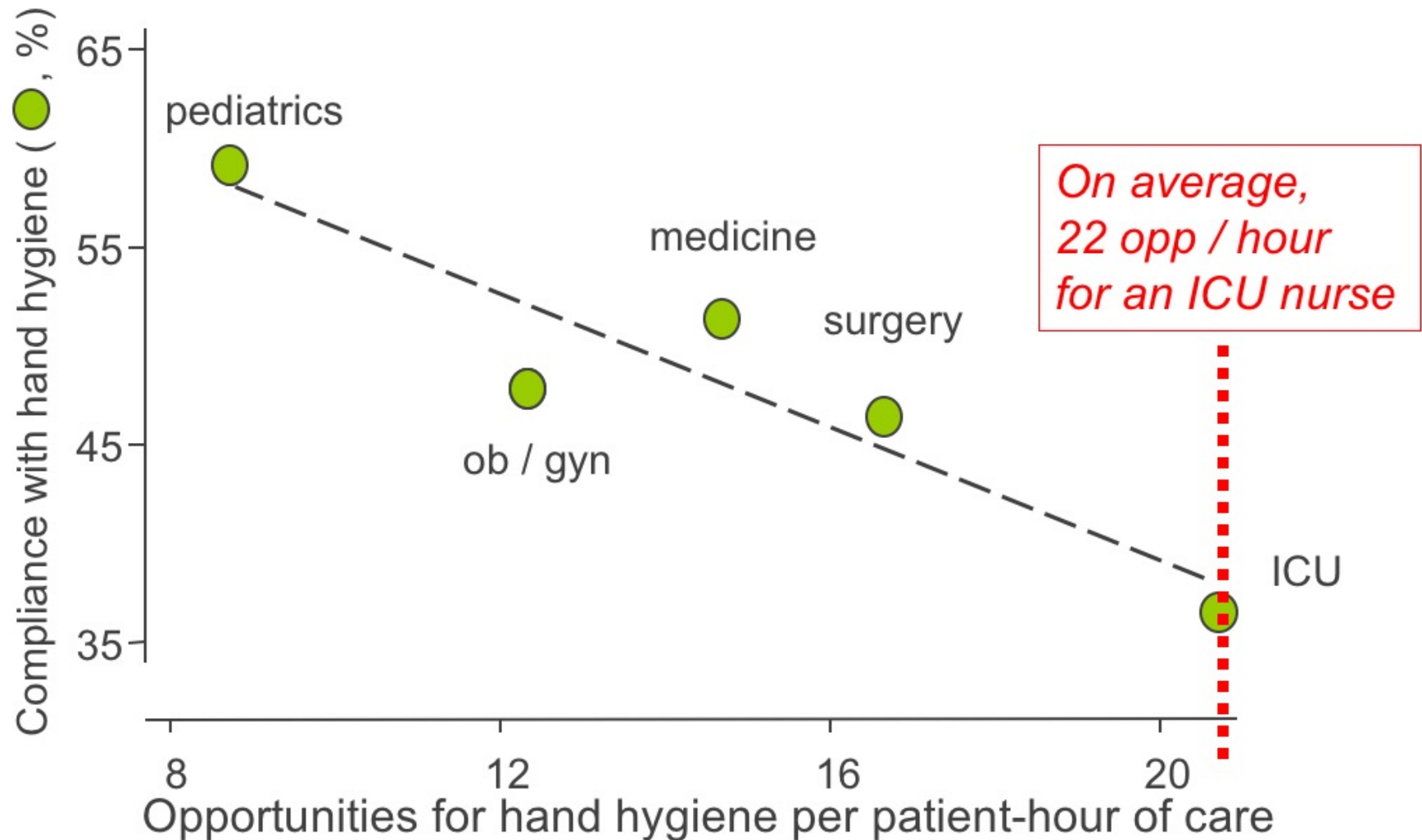
***Compliance < 40%***



**Pourquoi ?**



## Relation between opportunities for hand hygiene for nurses and compliance across hospital wards



*adapted from Pittet D et al. Annals Intern Med 1999; 130:126*

# Time constraint = major obstacle for hand hygiene



handwashing  
soap + water

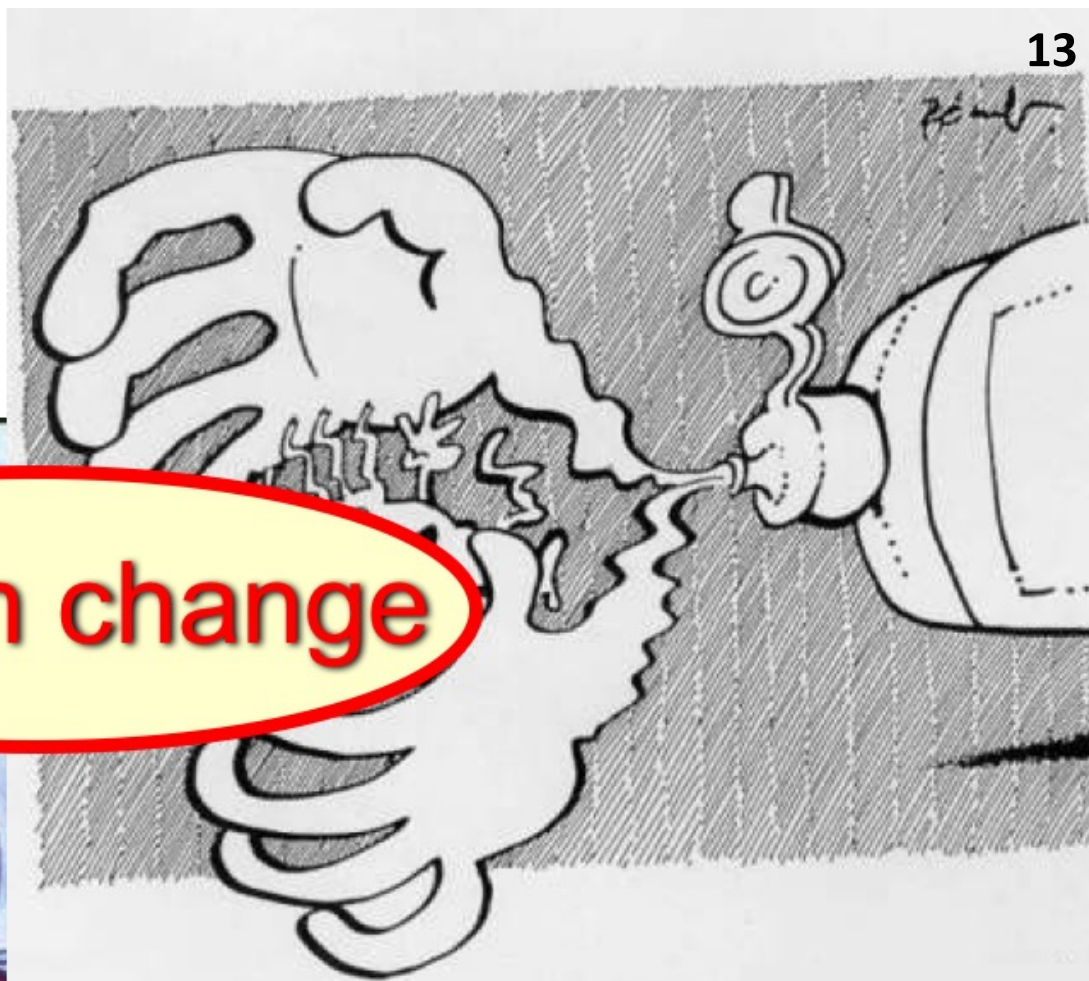
*1 to 1.5 min*

alcohol-based  
hand rub

*15 to 20 sec*

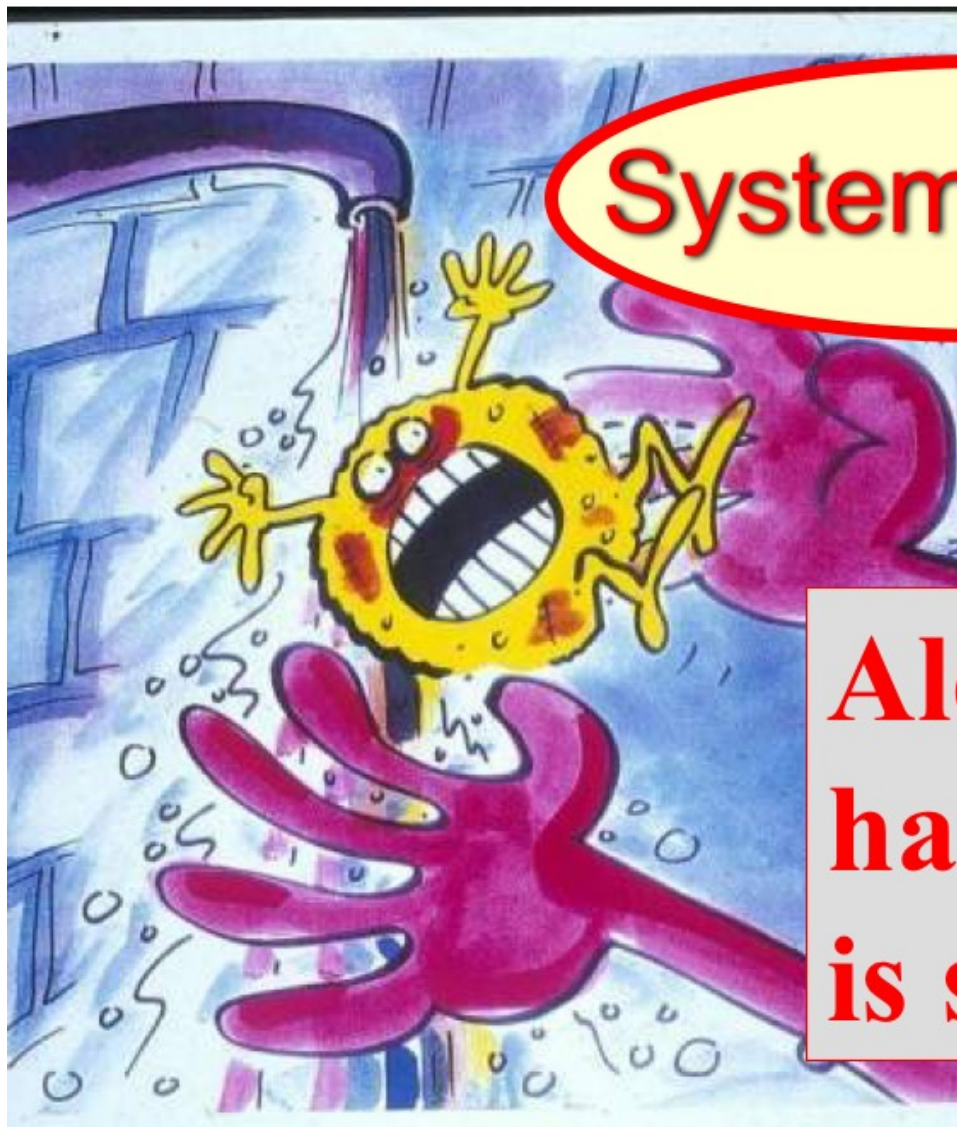


*Handwashing ...  
an action of the past  
(except when hands are visibly soiled)*



**System change**

**Alcohol-based  
hand rub  
is standard of care**





Alcohol-based  
hand rub at  
the point of  
care

HUG



*The University  
of Geneva  
Hospitals, 1995*



Before and after any patient contact  
After glove use  
In between different body site care

**Est-ce que celà  
va “marcher” ?**

**Quelle  
difference ?**

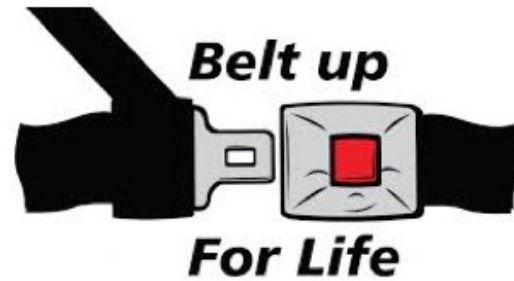


Mashhad, Iran  
April 2015





# Changer le comportement... un défi universel



multimodal

behavior

change

strategy

## **Effectiveness of a hospital-wide programme to improve compliance with hand hygiene**

*Didier Pittet, Stéphane Hugonnet, Stephan Harbarth, Philippe Mourouga, Valérie Sauvan, Sylvie Touveneau, Thomas V Perneger, and members of the Infection Control Programme*

THE LANCET Vol 256 – October 14, 2000

### **« Geneva model » of hand hygiene promotion, Reproduced with success (2002-2005)**

- ◆ in single hospitals in France, Belgium, USA, Australia ...
- ◆ in multiple hospitals in Hong Kong, Australia, Belgium, ...
- ◆ in national promotion campaigns: Belgium, the UK, Switzerland





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



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





**Launch**  
**1<sup>st</sup> Global Patient Safety Challenge**  
WHO headquarter, Geneva, Switzerland  
13 October 2005





# Political commitment is essential to achieve improvement in infection control

## Ministerial pledges to the 1<sup>st</sup> Global Patient Safety Challenge

I resolve to work to reduce health care-associated infection (HCAI) through actions such as:

- acknowledging the importance of HCAI;
- hand hygiene campaigns at national or sub-national levels;
- sharing experiences and available surveillance data, if appropriate;
- using WHO strategies and guidelines...







Saudi Arabia



Kenya



France



Bangladesh



USA



Bhutan



Northern Ireland



Russia



Republic of Ireland





# Kabul, Afghanistan - April 2012



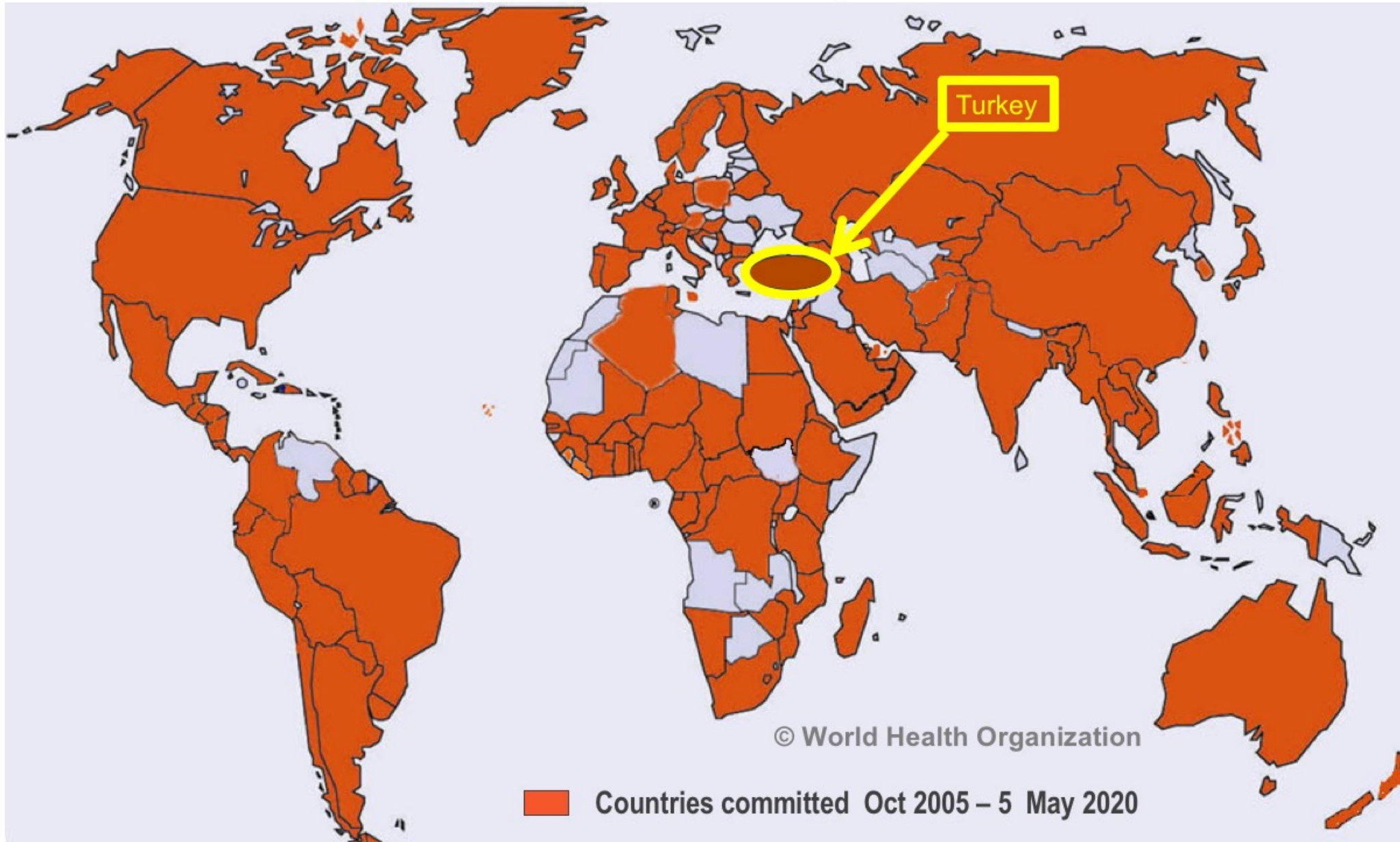


Kabul, Afghanistan - April 2012



# 142 countries committed to address health care-associated infection

World population coverage : > 95 %

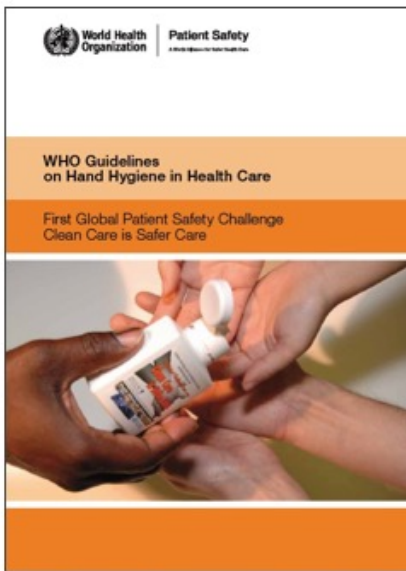


# Implementation strategy and toolkit for the WHO Guidelines on Hand Hygiene in Health Care

## Knowledge & evidence



## Action





# What is the WHO Multimodal Hand Hygiene Improvement Strategy?

Based on the evidence and recommendations from the WHO Guidelines on Hand Hygiene in Health Care (2009), made up of **5 core components**, to improve hand hygiene in health-care settings

## **ONE System change**

Alcohol-based handrubs at point of care and access to safe continuous water supply, soap and towels



## **TWO Training and education**

Providing regular training to all health-care workers



## **THREE Evaluation and feedback**

Monitoring hand hygiene practices, infrastructure, perceptions, & knowledge, while providing results feedback to health-care workers



## **FOUR Reminders in the workplace**

Prompting and reminding health-care workers



## **FIVE Institutional safety climate**

Individual active participation, institutional support, patient participation

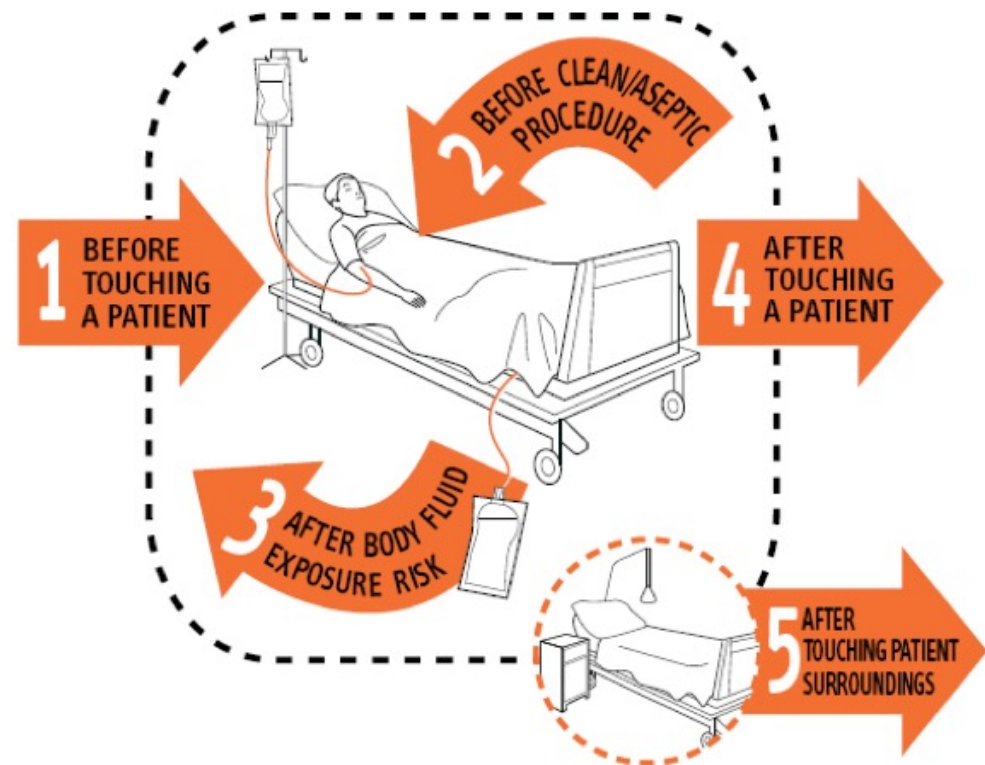
# The My Five Moments approach

Making it easier to

- understand
- remember
- practice

the hand hygiene indications at the point of care

## My 5 moments for HAND HYGIENE



Sax H, Allegranzi B, Uçkay I, Larson E, Boyce J, Pittet D. *J Hosp Infect* 2007;67:9-21

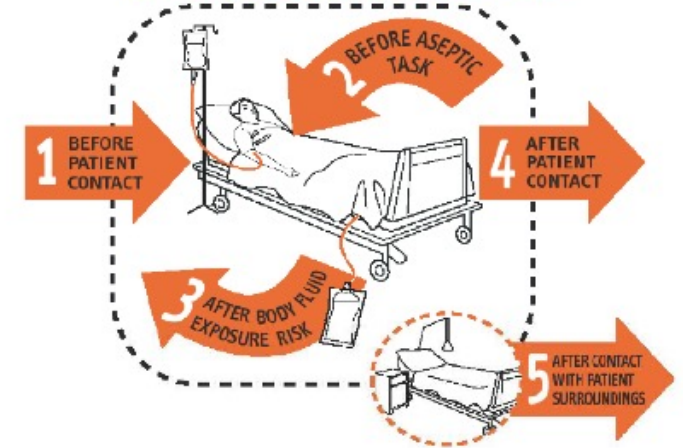




## ہاتھوں کی صفائی کے پانچ مواقع

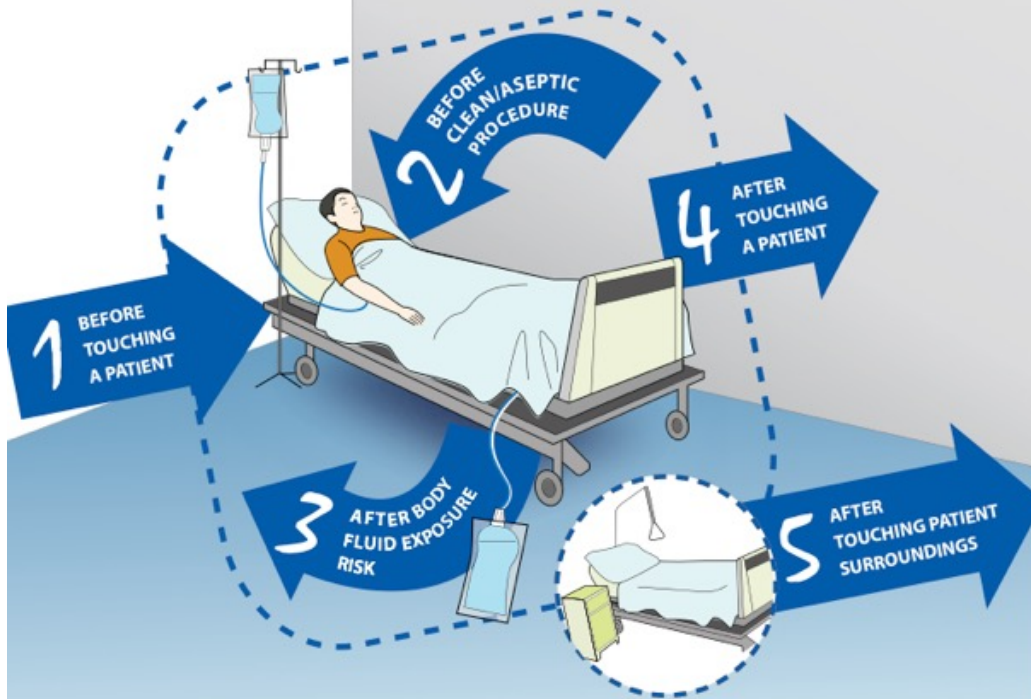


## حملة غسل الأيدي ٢٠٠٨ Your 5 moments for HAND HYGIENE



# 5

## MOMENTS for Hand Hygiene



- 1 BEFORE TOUCHING A PATIENT
- 2 BEFORE CLEAN/ASEPTIC PROCEDURE
- 3 AFTER BODY FLUID EXPOSURE RISK
- 4 AFTER TOUCHING A PATIENT
- 5 AFTER TOUCHING PATIENT SURROUNDINGS

WHEN?	Clean your hands before touching a patient when approaching him/her.
WHY?	To protect the patient against harmful germs carried on your hands.
WHEN?	Clean your hands immediately before performing a clean/aseptic procedure.
WHY?	To protect the patient against harmful germs, including the patient's own, from entering his/her body.
WHEN?	Clean your hands immediately after an exposure risk to body fluids (and after glove removal).
WHY?	To protect yourself and the health-care environment from harmful patient germs.
WHEN?	Clean your hands after touching a patient and her/his immediate surroundings, when leaving the patient's side.
WHY?	To protect yourself and the health-care environment from harmful patient germs.
WHEN?	Clean your hands after touching any object or furniture in the patient's immediate surroundings, when leaving – even if the patient has not been touched.
WHY?	To protect yourself and the health-care environment from harmful patient germs.



Los 4 momentos de la higiene de manos





## Momento 2



00:04 / 00:04

Es el momento previo a cualquier contacto con el paciente o con su entorno.

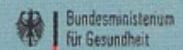




OLAF

[www.aktion-sauberehaende.de](http://www.aktion-sauberehaende.de)

Gefördert durch:



Bundesministerium für Gesundheit

aufgrund eines Beschlusses des Deutschen Bundestages





**Adapt to Adopt**



If you want people  
to AdO<sup>o</sup>pt ...

Let them AdA<sup>o</sup>pt

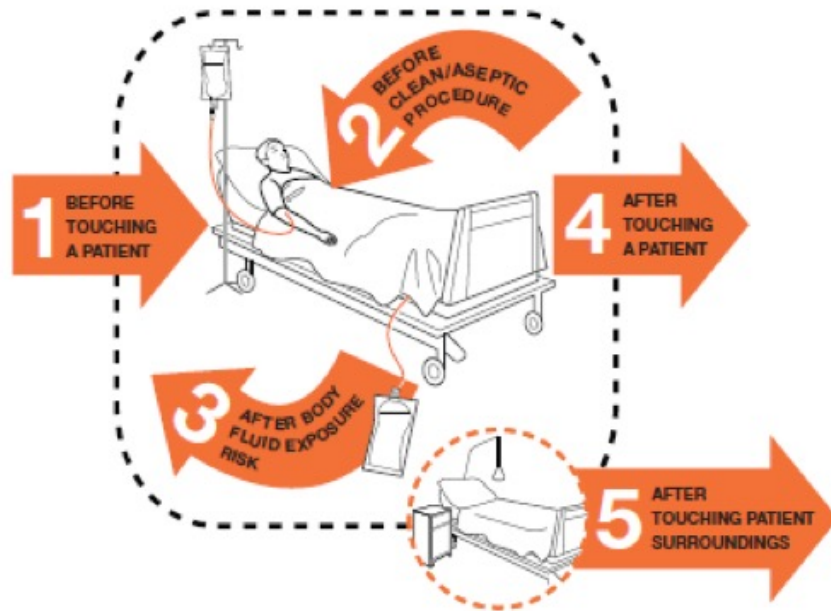
# Adapt to Adopt



[www.tinyurl.com/AdaptToAdopt](http://www.tinyurl.com/AdaptToAdopt)



# Your 5 Moments for Hand Hygiene



<b>1</b>	<b>BEFORE TOUCHING A PATIENT</b>	<b>WHEN?</b> Clean your hands before touching a patient when approaching his/her.	<b>WHY?</b> To protect the patient against harmful germs carried on your hands.
<b>2</b>	<b>BEFORE CLEAN/ASEPTIC PROCEDURE</b>	<b>WHEN?</b> Clean your hands immediately before performing a clean/aseptic procedure.	<b>WHY?</b> To protect the patient against harmful germs, including the patient's own, from entering his/her body.
<b>3</b>	<b>AFTER BODY FLUID EXPOSURE RISK</b>	<b>WHEN?</b> Clean your hands immediately after an exposure risk to body fluids (and after glove removal).	<b>WHY?</b> To protect yourself and the health-care environment from harmful patient germs.
<b>4</b>	<b>AFTER TOUCHING A PATIENT</b>	<b>WHEN?</b> Clean your hands after touching a patient and his/her immediate surroundings, when leaving the patient's side.	<b>WHY?</b> To protect yourself and the health-care environment from harmful patient germs.
<b>5</b>	<b>AFTER TOUCHING PATIENT SURROUNDINGS</b>	<b>WHEN?</b> Clean your hands after touching any object or furniture in the patient's immediate surroundings, when leaving – even if the patient has not been touched.	<b>WHY?</b> To protect yourself and the health-care environment from harmful patient germs.

# How to Handrub?

RUB HANDS FOR HAND HYGIENE! WASH HANDS WHEN VISIBLY SOILED

**⌚** 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

Patient Safety  
A WHO Alliance for Safe Health Care

SAVE LIVES  
Clean Your Hands



World Health Organization

Patient Safety  
A WHO Alliance for Safe Health Care

SAVE LIVES  
Clean Your Hands

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WHO acknowledges the Hospital Universitario de Getafe (HUG), in particular the members of the Infection Control Programme, for their active participation in developing this material.

May 2010

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May 2010





Turmi, Ethiopia





Local clinic in Turmi, Ethiopia  
The Hamlin Fistula Hospital

(Courtesy Russell Nassof)





(Courtesy Russell Nassof)

# እጅን በንፁሕና መታጠብ

Duration of the entire procedure:

0 ለጅን በንፁሕ ውሀ ማራሰ

1 ለጅ ላይ ሳሙና ማገገግ

2 የለጅን መዳፍ በመዳፍ ማገገግ

## How to Handrub?

RUB HANDS FOR HAND HYGIENE! WASH HANDS WHEN VISIBLY SOILED

Duration of the entire procedure: 20-30 seconds

**1a**

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

**1b**

Rub hands palm to palm;

**2**

Rub hands palm to palm;

**3**

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

**4**

Palm to palm with fingers interlaced;

**5**

Backs of fingers to opposing palms with fingers interlocked;

**6**

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

**7**

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

**8**

Once dry, your hands are safe.

World Health Organization  
A member of the United Nations

Patient Safety  
A member of the United Nations

SAVE LIVES  
Clean Your Hands

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May 2008

# Local clinic in Turmi, Ethiopia The Hamlin Fistula Hospital



## VIDEOS IN CLINICAL MEDICINE

## Hand Hygiene

Yves Longtin, M.D., Hugo Sax, M.D., Benedetta Allegranzi, M.D.,  
Franck Schneider, and Didier Pittet, M.D.

**FREE AVAILABLE at <http://www.nejm.org/doi/full/10.1056/NEJMvcm0903599>**

**OVERVIEW**

Health-care associated infections are a threat to patient safety and the most common adverse events resulting from a stay in the hospital.<sup>1</sup> Approximately 5 to 10% of hospitalized patients in the developed world acquire such infections, and the burden of disease is even higher in developing countries. Proper use of hand hygiene is a critical to the prevention of these infections, but compliance among health care workers is most often below 40%.

Hand hygiene serves many purposes in the health care setting.<sup>1</sup> It prevents both endogenous and exogenous infections in patients, contamination of the hospital environment with potential pathogens, and cross-transmission of microorganisms between patients. When used in conjunction with the appropriate protective equipment, it also protects health care workers from the hazards of occupational infections.

**EQUIPMENT**

Essential equipment for the performance of adequate hand hygiene includes an alcohol-based hand-rub formulation or soap, water, and drying agents such as disposable paper or cloth towels. Alcohol-based hand rubs with optimal antimicrobial efficacy usually contain 75 to 85% ethanol, isopropanol, or n-propanol, or a com-

From the Infection Control Program, University of Geneva Hospitals and Faculty of Medicine (Y.L., H.S., D.P.); World Health Organization (WHO) Patient Safety, WHO Headquarters (B.A., D.P.); and the Communication Service (F.S.) and WHO Collaborating Center for Patient Safety (D.P.) — all in Geneva. Address reprint requests to Dr. Pittet at the Infection Control Program, University of Geneva Hospitals and Faculty of Medicine, 4 Rue Gabrielle-Perret Gentil, 1211 Geneva 14, Switzerland, or at [didier.pittet@hcuge.ch](mailto:didier.pittet@hcuge.ch).

\*Drs. Longtin and Sax contributed equally to this article.

N Engl J Med 2011;364:e24.

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## VIDEOS IN CLINICAL MEDICINE

## Hand Hygiene

Yves Longtin, M.D., Hugo Sax, M.D., Benedetta Allegranzi, M.D.,  
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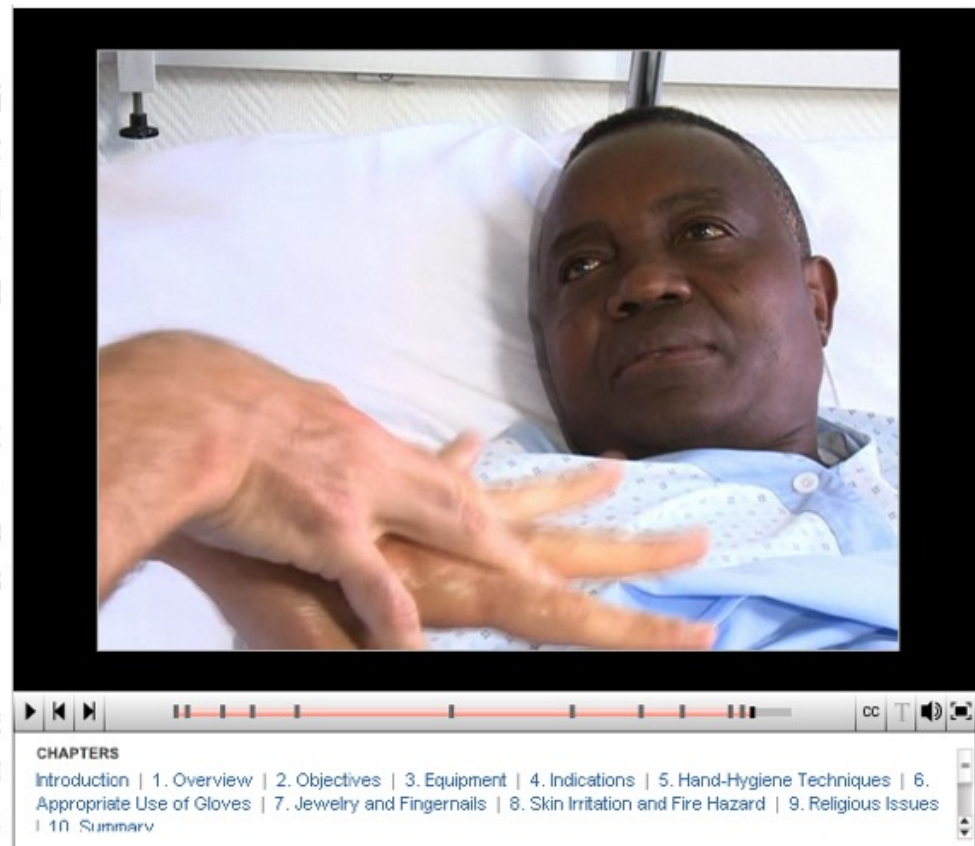
**OVERVIEW**

Health-care associated infections are a threat to patients. Common adverse events resulting from a stay in the hospital of hospitalized patients in the developed world acquired. The burden of disease is even higher in developing countries. Hand hygiene is a critical to the prevention of these infections. The compliance of health care workers is most often below 40%.

Hand hygiene serves many purposes in the health care environment: to prevent endogenous and exogenous infections in patients, to reduce the contamination of the environment with potential pathogens, and to prevent cross-transmission between patients. When used in conjunction with other infection control measures, it also protects health care workers from the hazards of infectious agents.

**EQUIPMENT**

Essential equipment for the performance of adequate hand hygiene includes an alcohol-based hand-rub formulation or soap, water, and disposable paper or cloth towels. Alcohol-based hand rubs usually contain 75 to 85% ethanol. Isopropyl





## VIDEOS IN CLINICAL MEDICINE

## Hand Hygiene

Yves Longtin, M.D., Hugo Sax, M.D., Benedetta Allegranzi, M.D.,  
Franck Schneider, and Didier Pittet, M.D.

## OVERVIEW

Health-care-associated infections are a common adverse effect of hospitalized patients. The burden of disease and health care workload is a critical health care workload.

Hand hygiene is an endogenous and environmental factor between patient and health care worker. It also prevents

## EQUIPMENT

Essential equipment for alcohol-based hand sanitizer, disposable paper towels, and efficacy usually



## Translated in :

- French
- Portuguese
- Japanese
- Spanish
- Italian
- German
- Chinese
- Russian
- Arabic
- Romanian
- Turkish
- Polish
- Vietnamese

**-Available soon:**

- Shewali
- Urdu

-.....

# Using innovative ways around the world to apply the 5 Moments

THE NEW ENGLAND JOURNAL OF MEDICINE

## VIDEOS IN CLINICAL MEDICINE

### Hand Hygiene

Yves Longtin, M.D., Hugo Sax, M.D., Benedetta Allegranzi, M.D.,  
Franck Schneider, and Didier Pittet, M.D.

**OVERVIEW** FREE AVAILABLE at <http://www.nejm.org/doi/full/10.1056/NEJMc0903599>

Health-care associated infections are a threat to patient safety and the most com- From the Infection Control Program, Uni-

### Hand Hygiene VIDEOS in The New England Journal of Medicine in YOUR language

Share Print

Produced in collaboration with the WHO Collaborating Centre on Patient Safety,  
University of Geneva Hospitals & Faculty of Medicine, Geneva, Switzerland

Hand Hygiene NEJM English



Hygiene des mains NEJM French



Higiene de manos NEJM Spanish



Hand Hygiene NEJM Arabic



Hand Hygiene NEJM Chinese



Hand Hygiene NEJM Russian



Händehygiene NEJM German

Hand Hygiene NEJM Indonesian

Hand Hygiene NEJM Italian

Translated in :

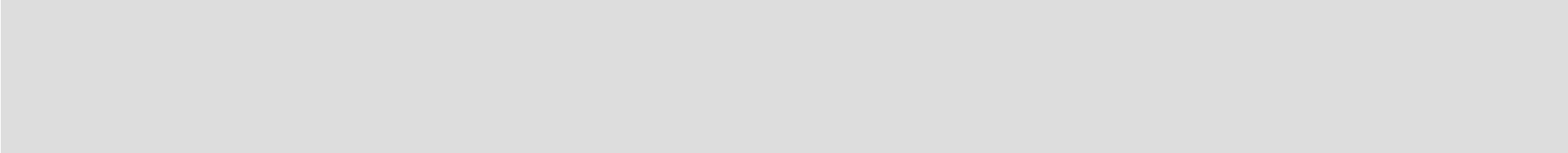
- French
- Portuguese
- Japanese
- Spanish
- Italian
- German
- Chinese
- Russian
- Romanian
- Turkish

Available soon

- Shewali
- Urdu.....



**Evidence of successful  
implementation of the strategy  
worldwide...**



# Field testing the implementation of the WHO strategy (2006-2008)<sup>48</sup>

Allegranzi B et al. *Lancet Infect Diseases* 2013





# From modern health care settings

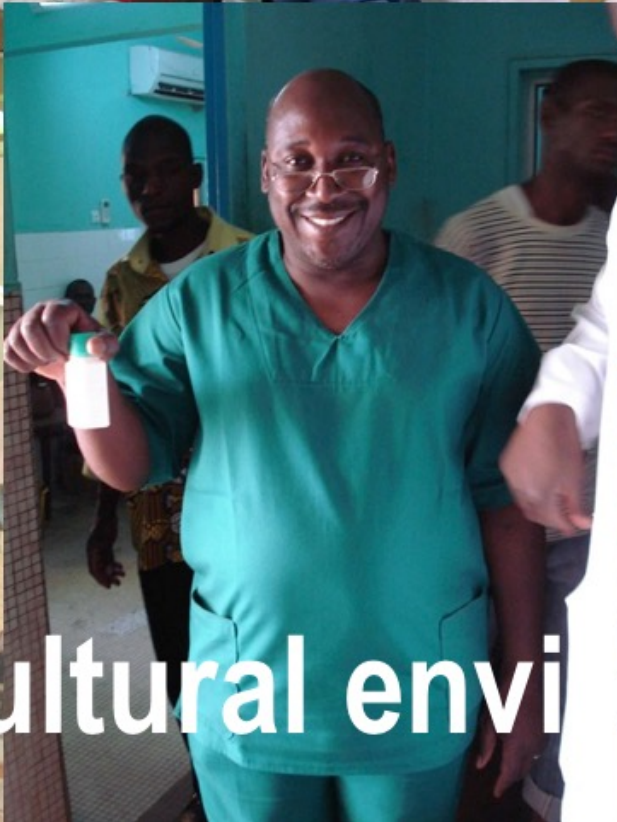




# To settings with limited resources







In a multi-cultural environment



# Overcoming religious barriers







*Kingdom  
of  
Saudi  
Arabia  
June, 2006*

## THE LANCET

23. Viewpoint  
Mar 25,  
2006

**Muslim health-care workers and alcohol-based handrubs**

[Preview](#) | [Full Text](#) | [PDF](#)

*The Lancet*,  
Vol. 367 No.  
9515 pp 1025-  
1027

Hand hygiene is the cornerstone of prevention of health-care-associated infection.<sup>1,2</sup> Evidence suggests that topical alcohol-based solutions are better than detergent-based cleansers for improving compliance and effectiveness of hand hygiene in health-care settings.<sup>2-6</sup> However, the UK National Patient Safety Agency (NPSA; Glenister H, personal communication) and others<sup>7-9</sup> have recently reported that some Muslim health-care workers consider that they are unable to comply with these new recommendations, citing religious objections.

*Lancet* 2006; 367:1025







January 2015



World Health  
Organization

Patient Safety

A World Alliance for Better Health Care

**SAVE LIVES**  
Clean Your Hands

Respecting  
religious background  
&  
accounting  
for cultural diversity  
is key to success



# Ensuring universal system change





# Equity - Solidarity





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

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





## Kenya, Africa (from 2011)

Local production started in 1 hospital

Currently produced at National Research Center for some 1000 hospitals









**Ebola virus**






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

Support: [CleanHandsSaveLives.org](http://CleanHandsSaveLives.org) and Swiss National Aid





Jinja (Uganda) – Sugar cane plantation  
75 000 km<sup>2</sup> Since 1930



## Sugar factory - Uganda



Jinja (Uganda)  
75 000 km<sup>2</sup>  
Since 1930









8000 employees – total population: 35'000



Mainly  
manual work

Minimal  
mechanization











Let's have a look inside !









Main end product:  
sugar by tons / day







High-level (7 columns) distillation)



Leftovers ("mash")

- Fermentation
- Distillation
- Purification



17000 liters / day  
Organization









Alcohol-based  
handrub production  
max current  
capacity: 1400 liters

5 employees



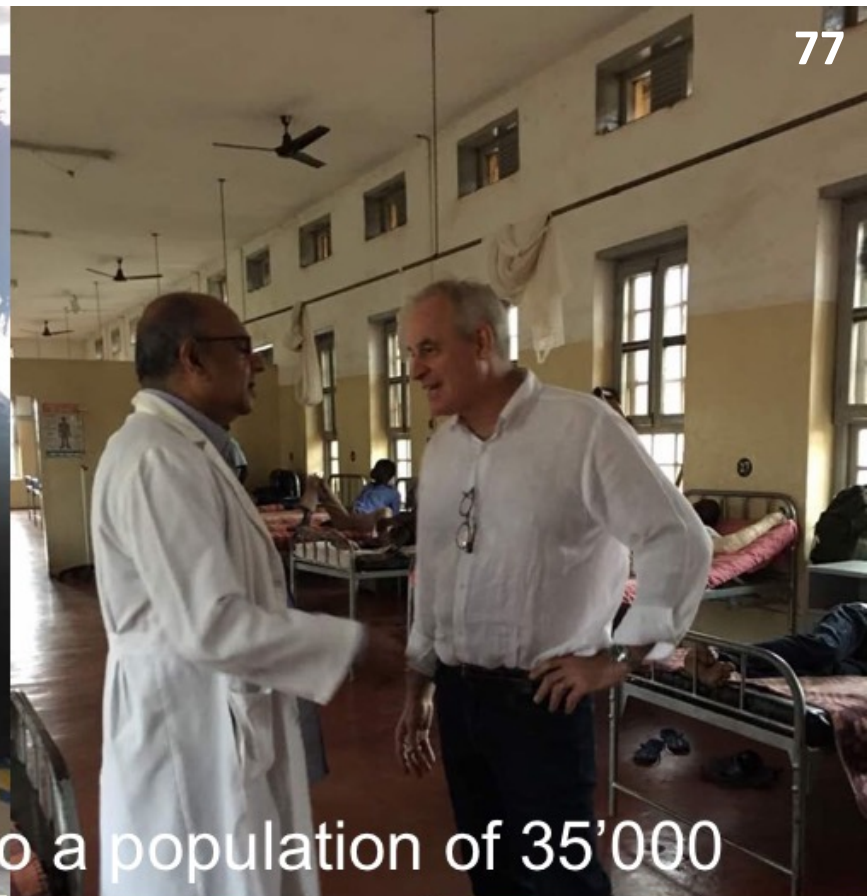


Sugar  
by tons  
per day  
+  
alcohol

Alcohol-  
based  
handrub







Hospital providing care for free to a population of 35'000





# Since 2014: WHO Essential Medicines List <sup>78</sup>





# Adaptation & adoption of *Clean Care is Safer Care* worldwide



**Adapt to Adopt**



## Clean Care is Safer Care

# > 16 years!

### 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 governments, health systems and professionals and to catalyze political and professional action. They have also generated knowledge and evidence on the safety of patients receiving care globally.



World Health Organization

2005 - 2021

### The focus and objectives of Clean Care is Safer Care

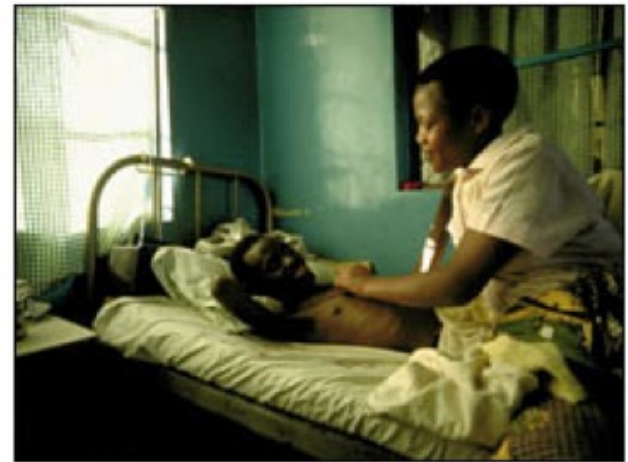
The first of these Challenges, Clean Care is Safer Care, launched in 2005, targeted the important aspect of patient safety: health care-associated infections (HCAIs). HCAI is the most frequent patient safety problem worldwide in both developed and developing countries. Every year, 10 million patients are affected by HCAIs, with significant losses for health systems too.

Centre Publications Countries Programmes Governance About WHO

**Clean Care is Safer Care**

## The burden of health care-associated infection worldwide

Health care-associated infection (HCAI), also referred to as "nosocomial" or "hospital" infection, is an infection occurring in a patient during the process of care in a hospital or other health care facility which was not present or incubating at the time of admission. HCAI can affect patients in any type of setting where they receive care and can also appear after discharge. Furthermore, they



World Health Organization

WASH  
Saves  
Lives  
Clean  
Hands





HUG / Faculty of Medicine  
WHO Collaborating Center  
on Patient Safety  
Geneva, Switzerland





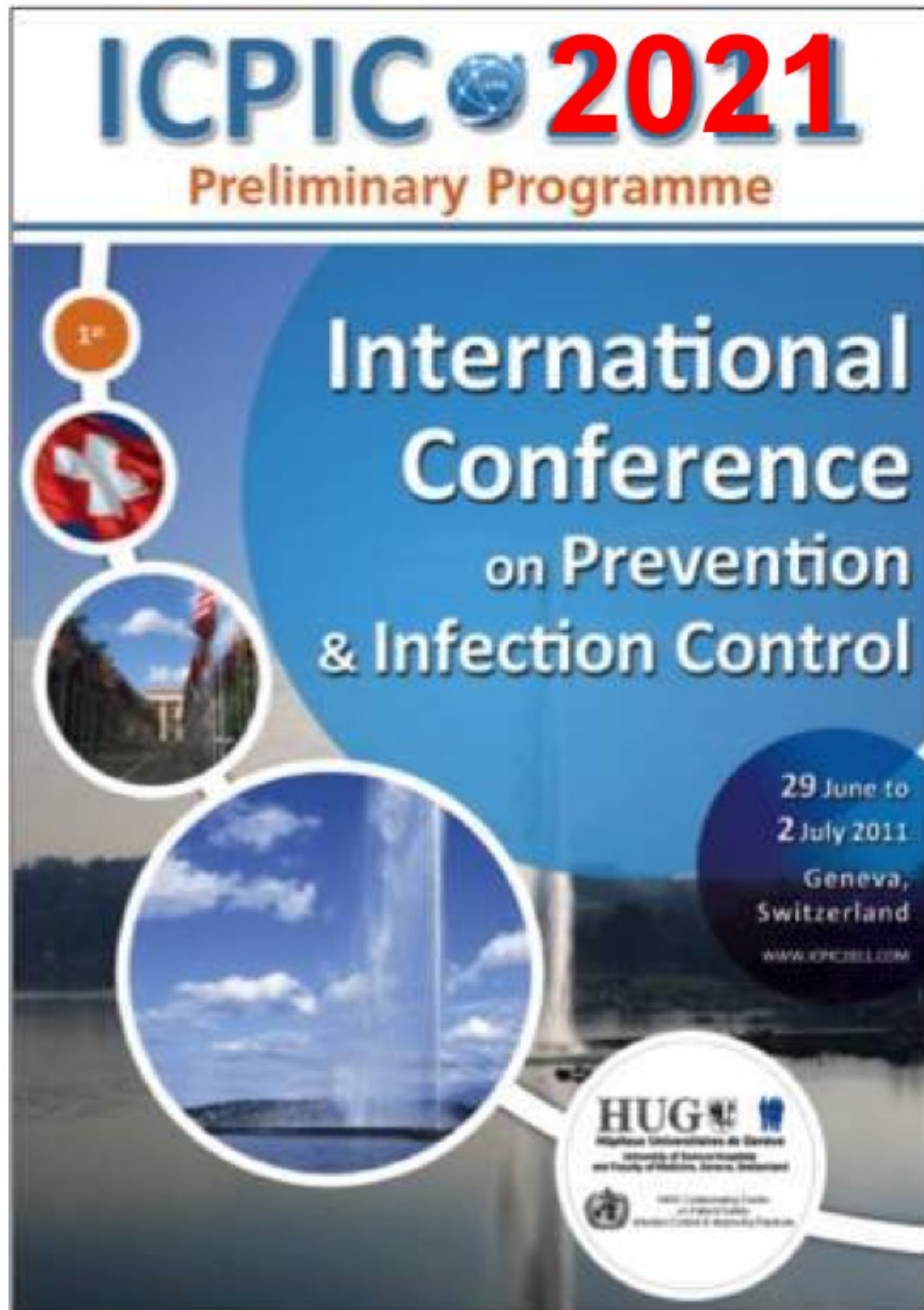
**ICPIC 2021**  
Preliminary Programme

1<sup>st</sup>

**International  
Conference  
on Prevention  
& Infection Control**

29 June to  
2 July 2011  
Geneva,  
Switzerland  
[www.icpic2011.com](http://www.icpic2011.com)

**HUG**  
HUG University of Geneva  
Faculty of Medicine, Geneva, Switzerland

The poster features a blue background with a large white circle containing the conference title. To the left, there are three circular images: the Swiss flag, a building, and a fountain. The HUG logo is at the bottom right.

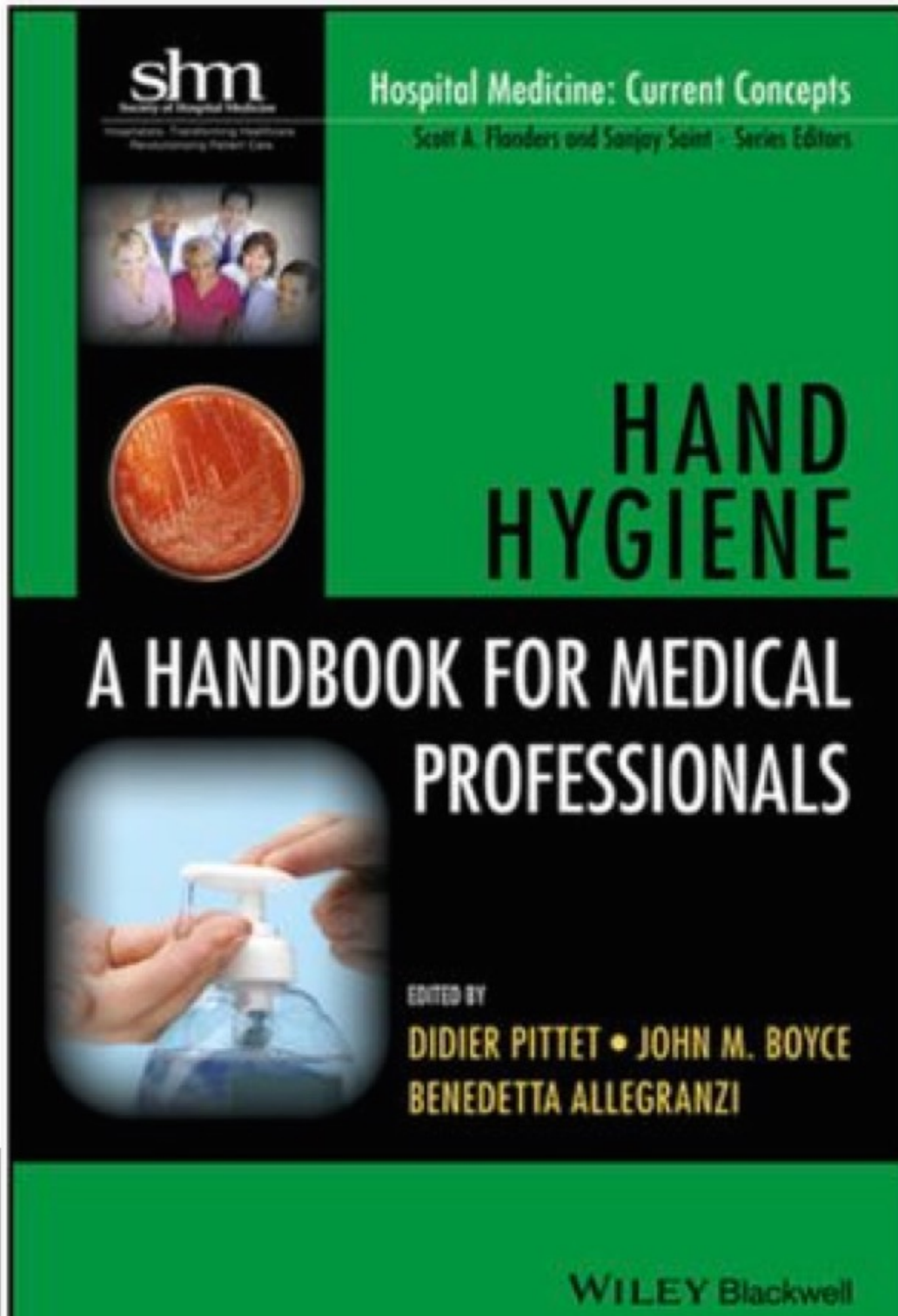
[www.icpic.com](http://www.icpic.com)

**Save the Date:**

**5<sup>th</sup> ICPIC, 14-17 Sept 2021,  
Geneva, Switzerland**



**Semmelweis at ICPIC**



## Hand Hygiene: A Handbook for Medical Professionals

Didier Pittet

John Boyce

Benedetta Allegranzi  
(editors)

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456 pages

June 2017, Wiley-Blackwell

**SAVE LIVES**  
Clean Your Hands



# 5th May 2021: achieving effective hand hygiene action at the point of care

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World Health Organization (WHO) Integrated Health Services

5 May 2021



# Hand Hygiene for All

A whole of society approach to achieving universal hand hygiene and stopping the spread of COVID-19

[https://www.who.int/water\\_sanitation\\_health/sanitation-waste/sanitation/hand-hygiene-for-all/en/](https://www.who.int/water_sanitation_health/sanitation-waste/sanitation/hand-hygiene-for-all/en/)

## HAND HYGIENE FOR ALL INITIATIVE



Improving access and behaviour in health care facilities

### Purpose of the brief

To provide insights into available strategies and approaches to hand hygiene improvement in health care facilities (HCFs) in support of the new [United Nations Children's Fund \(UNICEF\)/World Health Organization \(WHO\) Hand Hygiene for All Initiative](#), including sustainable interventions. The brief draws on learning from legacy work and the current evidence base. It emphasizes the synergistic relationship between infection prevention and control (IPC) and water, sanitation and hygiene (WASH) in HCFs and summarizes how joint action and collaboration is essential for improvement in the context of the coronavirus disease (COVID-19) response and beyond.

### Introduction and background

Access to quality health care for all is a human right. As clearly recognized by the United Nations (UN) Sustainable Development Goals 3.8 and 6, it is impossible to succeed in providing quality health care. Shockingly, many HCFs still lack WASH and, by default, cannot implement good IPC practices.

According to global estimates released in 2020 by WHO/UNICEF:

	1 in 4 facilities lack basic water <sup>1</sup>
	1 in 10 facilities have no sanitation <sup>1</sup>
	1 in 3 facilities lack hand hygiene facilities at points of care <sup>1</sup>
	1 million of the 4.1 million maternal and neonatal deaths per year may be related to unhygienic birthing practices <sup>2</sup>

<sup>1</sup> WHO/UNICEF, April 2020 <https://www.who.int/databases> accessed 22 September 2020.

<sup>2</sup> Berrocal M and Couros S. Addressing the challenge of neonatal mortality. *Topical issue* *Health Affairs* 2013; 32:303-312. <https://doi.org/10.1371/journal.pone.0222812>, accessed 22 June 2020.

<https://www.who.int/publications/i/item/9789240011618>



# Year of the Health and Care Workers 2021



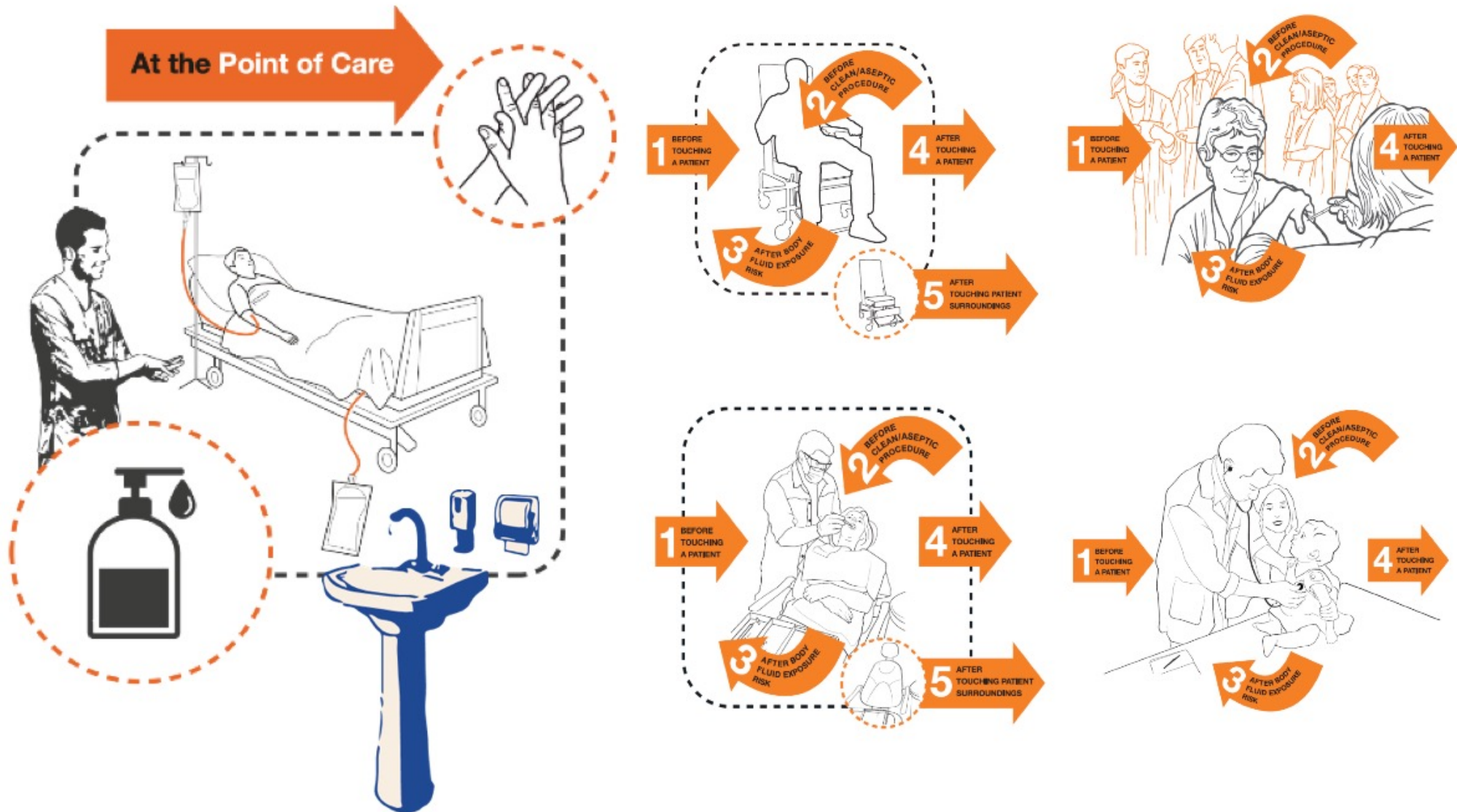
**Protect. Invest. Together.**



- 2021 has been designated as the International **Year of Health and Care Workers** (YHCW) in appreciation and gratitude for their unwavering dedication in the fight against the COVID-19 pandemic
- WHO launches a year-long campaign
- It highlights the urgent need to invest in health workers for shared dividends in health, jobs, economic opportunity and equity
- **Achieving the objectives of the WHO SAVE LIVES: Clean Your Hands campaign will protect health and care workers from infection risks**

<https://www.who.int/campaigns/annual-theme/year-of-health-and-care-workers-2021>

# The concept for the 2021 campaign: achieving effective hand hygiene action at the point of care







**Promotional tools for  
World Hand Hygiene Day  
5 May 2021**

<https://www.who.int/campaigns/world-hand-hygiene-day/2021>

# 5 May 2021

## World Hand Hygiene Day



### Ultimate goal

- To achieve effective hand hygiene action at the point of care

### Objectives

- To engage multiple audiences highlighting their role in achieving effective hand hygiene action at the point of care, according to the WHO multimodal hand hygiene improvement strategy
- To support implementation of the *WHO 2020 recommendations for universal hand hygiene* and of the *WHO/UNICEF Hand Hygiene for All* initiative



<https://www.who.int/publications/i/item/a-guide-to-the-implementation-of-the-who-multimodal-hand-hygiene-improvement-strategy>

<https://www.who.int/publications-detail/recommendations-to-member-states-to-improve-hand-hygiene-practices-to-help-prevent-the-transmission-of-the-covid-19-virus>

[https://www.who.int/water\\_sanitation\\_health/sanitation-waste/sanitation/hand-hygiene-for-all/en/](https://www.who.int/water_sanitation_health/sanitation-waste/sanitation/hand-hygiene-for-all/en/)



# 5 May 2021 slogan

**Seconds save lives - clean your hands!**



<https://www.who.int/campaigns/world-hand-hygiene-day/2021>

# A wide range of tools to get involved!







**SECONDS**  
**SAVE**  
**LIVES**  
— CLEAN YOUR —  
**HANDS!**

## **New web page feature**

Where you can find everything that you need for your campaign  
<https://www.who.int/campaigns/world-hand-hygiene-day/2021>



**SAVE LIVES**  
**CLEAN YOUR HANDS**



[#HandHygiene](#)

[#CleanYourHands](#)

[#InfectionPrevention](#)



Arabic

 منظمة الصحة العالمية

**SAVE LIVES  
CLEAN YOUR HANDS**



**توان  
تنقذ  
حياتكم  
- نظفوا -  
أيديكم**

[#HandHygiene](#)    [#CleanYourHands](#)    [#InfectionPrevention](#)

# Chinese



世界卫生组织

SAVE LIVES  
CLEAN YOUR HANDS

数秒  
挽救  
生命  
—请清洁您的—  
双手

#HandHygiene #CleanYourHands #InfectionPrevention

The poster features a central graphic of a hand being washed under a running faucet, with a circular dial indicating time. The background is a grid of diverse human faces. The text is in Chinese characters, with the main message '数秒挽救生命' (A few seconds save lives) and '—请清洁您的—双手' (Please clean your hands). The WHO logo and '世界卫生组织' are at the top left, and the English slogan 'SAVE LIVES CLEAN YOUR HANDS' is at the top right. Hashtags are at the bottom.



Spanish



Organización Mundial de la Salud

SAVE LIVES  
CLEAN YOUR HANDS

SEGUNDOS QUE  
**SALVAN VIDAS**  
— LIMPIE SUS —  
**MANOS!**

#HandHygiene #CleanYourHands #InfectionPrevention

The poster features a central graphic of a hand being washed under a running faucet, with a blue water droplet falling. This graphic is set against a background of a grid of diverse human faces. The text is in Spanish, with 'SALVAN VIDAS' in large, bold, orange letters. The WHO logo and 'Organización Mundial de la Salud' are in the top left, and the English slogan 'SAVE LIVES CLEAN YOUR HANDS' is in the top right. At the bottom, three hashtags are listed: #HandHygiene, #CleanYourHands, and #InfectionPrevention.

# French



Organisation mondiale de la Santé

SAVE LIVES  
CLEAN YOUR HANDS


QUELQUES SECONDES POUR  
**SAUVER  
DES VIES**  
— NETTOYEZ VOS —  
**MAINS!**

#HandHygiene #CleanYourHands #InfectionPrevention

The poster features a central graphic of a hand being washed under a running faucet, with a water droplet falling. This graphic is superimposed on a grid of diverse human faces. The text is in French, with the main message 'SAUVER DES VIES' and 'NETTOYEZ VOS MAINS!' in large, bold letters. The WHO logo and the slogan 'SAVE LIVES CLEAN YOUR HANDS' are at the top. Hashtags are at the bottom.




Russian




 Всемирная организация здравоохранения

**SAVE LIVES  
CLEAN YOUR HANDS**



**СЕКУНДЫ  
СПАСАЮТ  
ЖИЗНИ**  
 — СОБЛЮДАЙТЕ ЧИСТОТУ —  
**РУК**

#HandHygiene      #CleanYourHands      #InfectionPrevention



**Private  
Organizations  
for Patient  
Safety**  
**Hand Hygiene**



# Translations

Japanese



Bulgarian



Portuguese



German



Finnish

# Translations

## Greek

World Health Organization  
Department of Global Health

SAVE LIVES  
CLEAN YOUR HANDS

Τα δευτερόλεπτα  
σώζουν  
ζωές  
— Πλένετε  
τα χέρια σας!

#HandHygiene #CleanYourHands

## Italian

World Health Organization  
Department of Global Health

SAVE LIVES  
CLEAN YOUR HANDS

I SECONDI  
SALVANO  
DELLE VITE  
— PULISCI LE TUE  
MANI!

#HandHygiene #CleanYourHands #InfectionPre

## Swahili

World Health Organization  
Department of Global Health

SAVE LIVES  
CLEAN YOUR HANDS

SEKUNDE  
HUOKOA  
MAISHA  
— SAFISHA MUKONO  
YAKO!

#CleanYourHands #InfectionPrevention

## Czech

World Health Organization  
Department of Global Health

SAVE LIVES  
CLEAN YOUR HANDS

VTEŘINY  
ZACHRAŇUJÍ  
ŽIVOTY  
— DEZINFIKUJTE SI  
RUCI!

#HandHygiene #CleanYourHands #InfectionPrevention

## Danish

World Health Organization  
Department of Global Health

SAVE LIVES  
CLEAN YOUR HANDS

SEKUNDER  
REDDER  
LIV  
— HOLD HÆNDERNE  
RENE!

#HandHygiene #CleanYourHands #InfectionPrevention



# Translations

Hungarian



Turkish



Hebrew



Swedish



Polish



# Translations



German



Dutch



Slovakian







World Health  
Organization



**SECONDS  
SAVE  
LIVES**  
CLEAN YOUR  
**HANDS!**

**SAVE LIVES  
CLEAN YOUR HANDS**



**HEALTH CARE WORKERS:**

**Now more than ever  
clean your hands at the point of care**

#HandHygiene

#CleanYourHands

#InfectionPrevention



**SECONDS  
SAVE  
LIVES**  
CLEAN YOUR  
**HANDS!**

**SAVE LIVES  
CLEAN YOUR HANDS**



## **IPC PRACTITIONERS:**

**Be a champion and mentor for  
clean hands at the point of care**

**#HandHygiene**

**#CleanYourHands**

**#InfectionPrevention**





**SECONDS  
SAVE  
LIVES**  
CLEAN YOUR  
**HANDS!**

**SAVE LIVES  
CLEAN YOUR HANDS**



## **FACILITY MANAGERS:**

**Ensure hand hygiene supplies are  
available at every point of care**

#HandHygiene

#CleanYourHands

#InfectionPrevention



**SECONDS  
SAVE  
LIVES**  
CLEAN YOUR  
**HANDS!**

**SAVE LIVES  
CLEAN YOUR HANDS**



## **POLICY-MAKERS:**

**Invest now to ensure  
hand hygiene for all**

**#HandHygiene**

**#CleanYourHands**

**#InfectionPrevention**





SAVE LIVES  
CLEAN YOUR HANDS



## PATIENTS AND FAMILIES:

Help us to help you  
please clean your hands

#HandHygiene

#CleanYourHands

#InfectionPrevention



World Health Organization



**SECONDS  
SAVE  
LIVES**  
CLEAN YOUR  
**HANDS!**

**SAVE LIVES  
CLEAN YOUR HANDS**



**VACCINATORS:**  
Clean your hands with every vaccine

#HandHygiene      #CleanYourHands      #InfectionPrevention

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**SECONDS  
SAVE  
LIVES**  
CLEAN YOUR  
**HANDS!**

**SAVE LIVES  
CLEAN YOUR HANDS**



**EVERYONE:**

**Make clean hands your habit  
it protects all of us**

#HandHygiene

#CleanYourHands

#InfectionPrevention

# Poster version with masks (1)

World Health Organization

SECONDS  
**SAVE LIVES**  
— Use Your —  
**HANDS!**

SAVE LIVES  
— CLEAN HANDS —

**EVERYONE:**  
Make clean hands your habit  
it protects all of us

#HandHygiene #CleanYourHands #InfectionPrevention

© 2014 WHO. All rights reserved. WHO/UNICEF/UNEP/WHOCC/INF/ISG/14.1

World Health Organization

SECONDS  
**SAVE LIVES**  
— Use Your —  
**HANDS!**

SAVE LIVES  
— CLEAN HANDS —

**FACILITY MANAGERS:**  
Ensure hand hygiene supplies are  
available at every point of care

#HandHygiene #CleanYourHands #InfectionPrevention

© 2014 WHO. All rights reserved. WHO/UNICEF/UNEP/WHOCC/INF/ISG/14.1

World Health Organization

SECONDS  
**SAVE LIVES**  
— Use Your —  
**HANDS!**

SAVE LIVES  
— CLEAN HANDS —

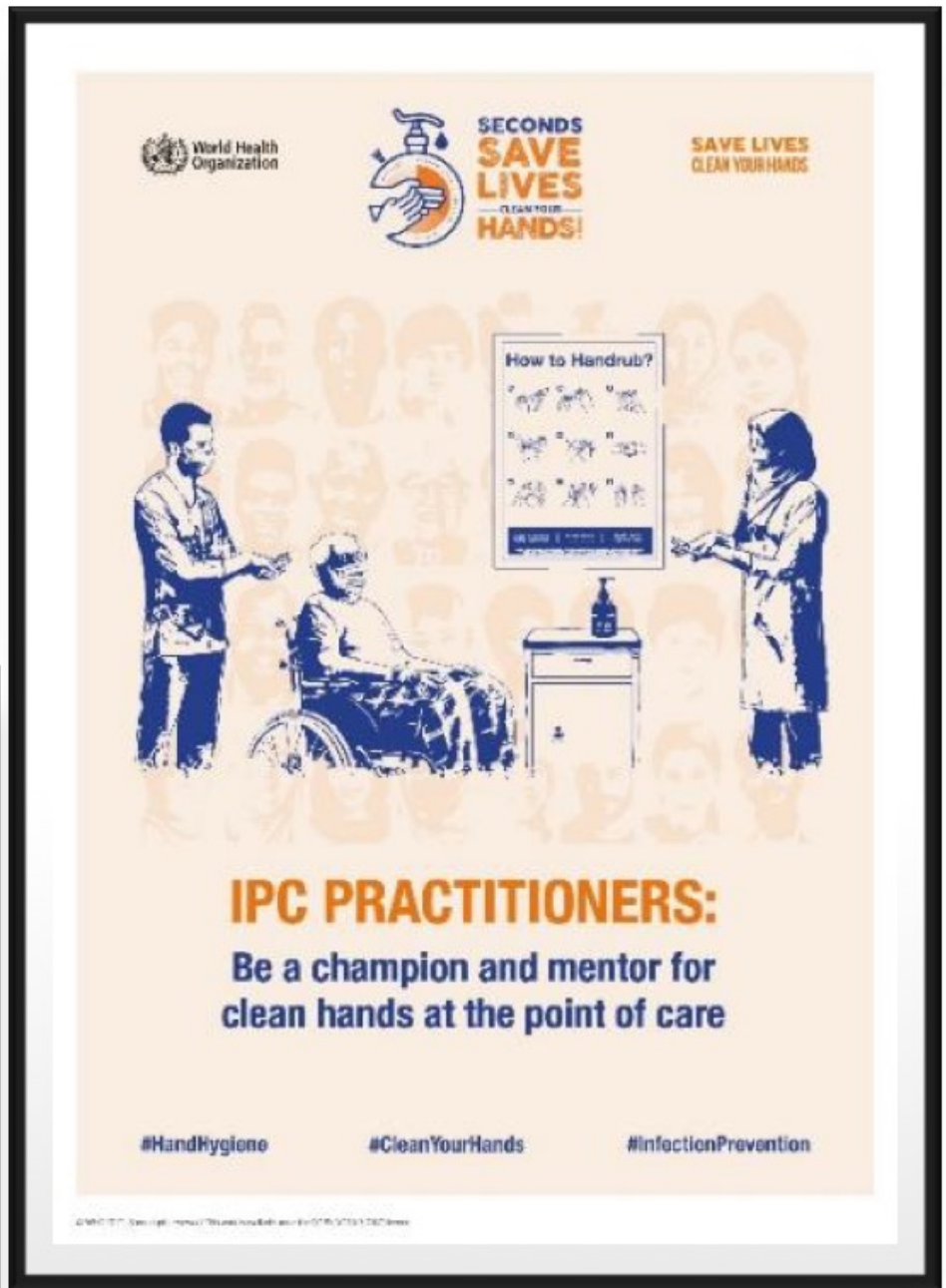
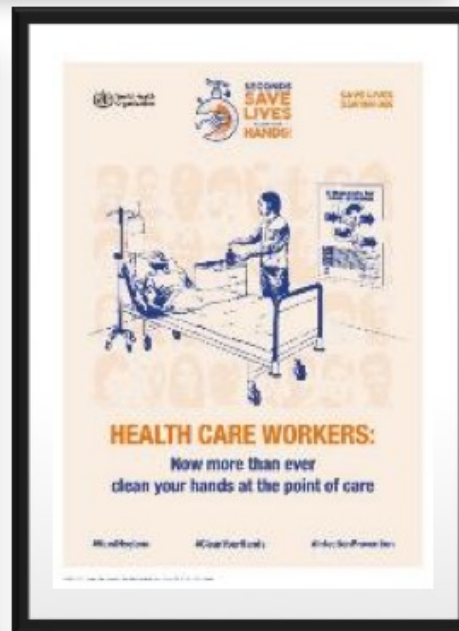
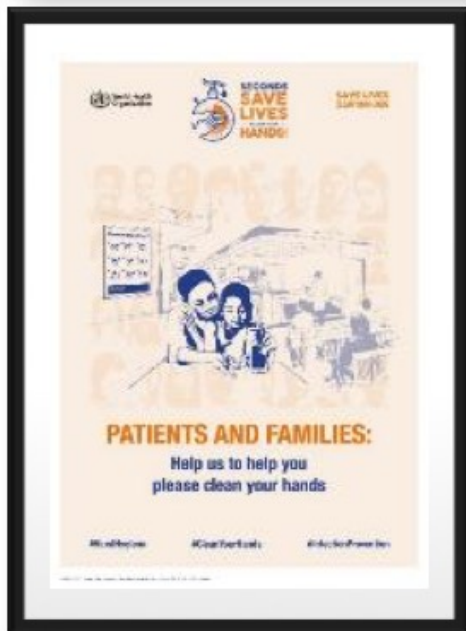
**POLICY-MAKERS:**  
Invest now to ensure  
hand hygiene for all

#HandHygiene #CleanYourHands #InfectionPrevention

© 2014 WHO. All rights reserved. WHO/UNICEF/UNEP/WHOCC/INF/ISG/14.1



# Poster version with masks (2)



SAVE LIVES  
CLEAN YOUR HANDS

# POSTER MAKER

Save Lives by Supporting the  
5<sup>th</sup> of May campaign

Create your own version of the 5<sup>th</sup> of May campaign posters to print, post and share with your friends to spread awareness for the campaign

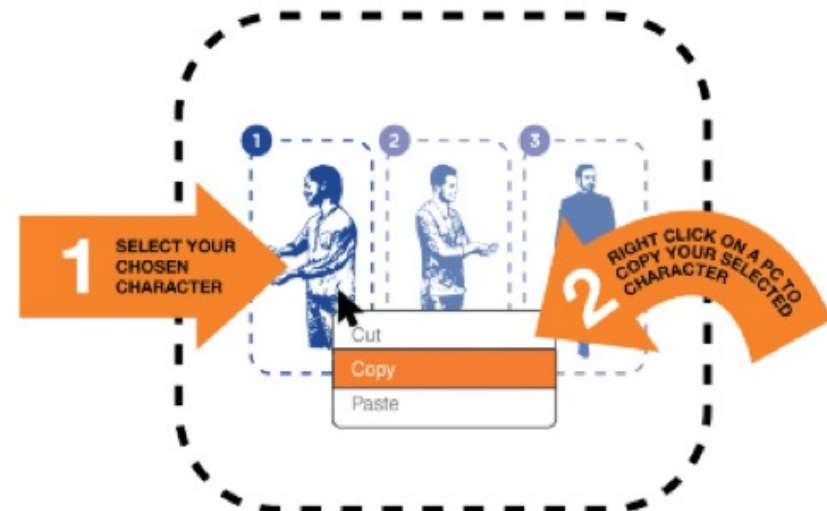


Create a poster in under  
5 minutes!



SECONDS  
SAVE LIVES  
CLEAN YOUR  
HANDS!

Step 1. Select scenes, characters and  
objects from pages 5-10



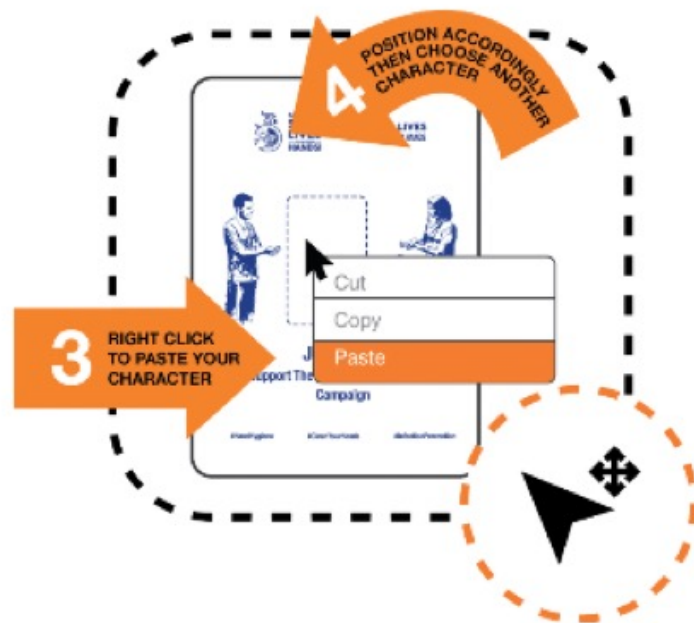
## COPYING THE CHARACTER

Right click on your selected character to copy or use this  
keyboard shortcut

CTRL + C



Step 2. Paste your selection on top of the text on page 11 for solo creations or page 12 if you're working with a team



### SCALING THE ELEMENTS

Don't forget that you can 'scale' a scene, character or object to give it a sense of perspective.

Make sure to add your name

Step 3. Promote the Campaign



### SHARE SOCIALLY

Choose **FILE** and then **EXPORT** to save your image as a picture and then share on all Social Media

Make sure to use the following #Hashtags

#HandHygiene #CleanYourHands #InfectionPrevention

Or share it simply on  
[www.cleanhandssavelives.org/](http://www.cleanhandssavelives.org/)

### SELECT A SCENE



### SELECT CHARACTERS





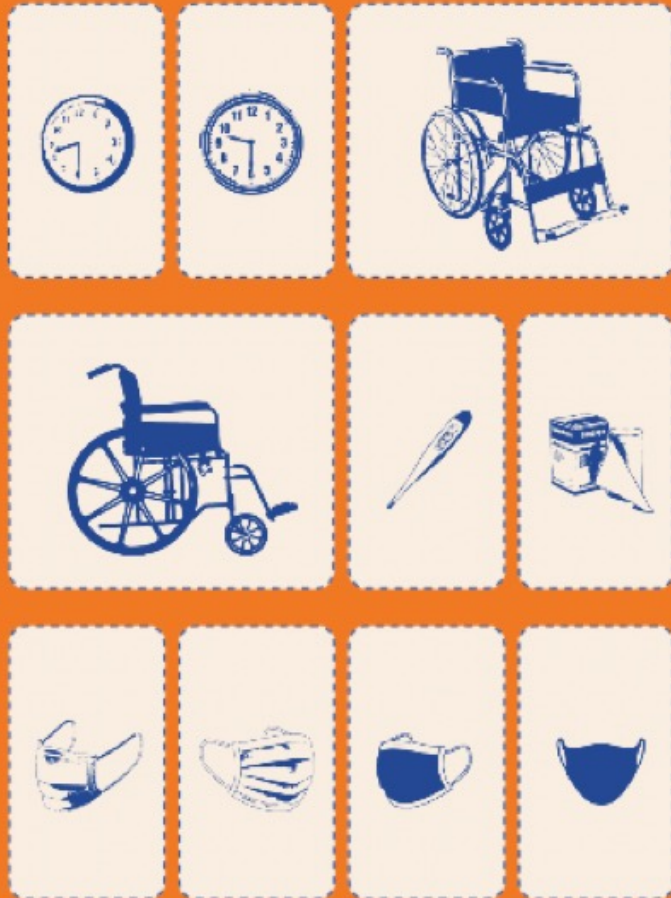
## SELECT OBJECTS



## SELECT CHARACTERS



### SELECT OBJECTS



### SELECT OBJECTS







**SAVE LIVES  
CLEAN YOUR HANDS**



Dra Hilda Marquez Villareal

**JOHN DOE**

**I support  
Save Lives Clean Your Hands**

#HandHygiene

#CleanYourHands

#InfectionPrevention



**SAVE LIVES  
CLEAN YOUR HANDS**



Team from Surgical Dep B

**TEAM NAME**

**We support  
Save Lives Clean Your Hands**

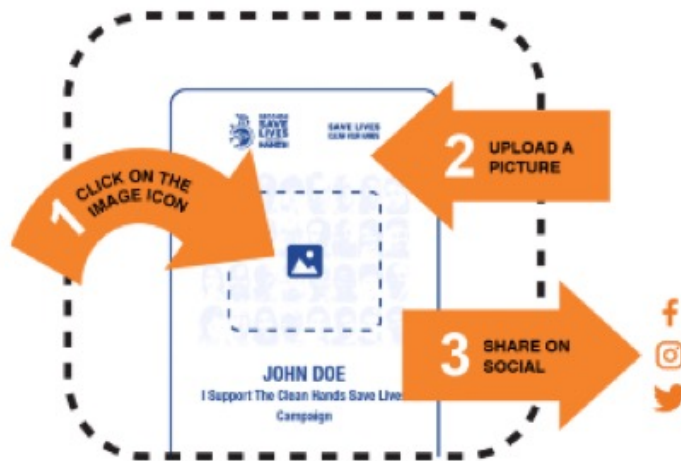
#HandHygiene

#CleanYourHands

#InfectionPrevention

Too busy?

Quickly upload a photo of yourself  
or even your team



### UPLOAD YOUR PHOTO

Click the **ICON** then **SELECT** your image  
and finally enter in your name.

Make sure to use page 14 for a solo image  
and page 15 for a team photo



**SAVE LIVES  
CLEAN YOUR HANDS**



**JANE DOE**

I support  
**Save Lives Clean Your Hands**

#HandHygiene

#CleanYourHands

#InfectionPrevention



# Email signature Banner



СЕКУНДЫ  
СПАСАЮТ  
ЖИЗНИ  
РУК



ПОМОГИТЕ СПАСИТЬ  
ЖИЗНЬ, ПРИСОЕДИНЯЙТЕСЬ  
К КАМПАНИИ

КЛИКНИТЕ СЮДА



数秒  
挽救  
生命  
—双手—



为了挽救生命，  
请参加竞选

点击这里



SECONDS  
SAVE  
LIVES  
—CLEAN YOUR  
HANDS!



TO HELP SAVE LIVES,  
JOIN THE CAMPAIGN

CLICK HERE



SEGUNDOS QUE  
SALVAN  
VIDAS  
—LIMPIE SUS  
MANOS!



PARA AYUDAR A SALVAR  
VIDAS, ÚNASE A LA CAMPAÑA

HAGA CLIC AQUÍ



ثوان  
تتقد  
حياتكم  
—نظفرو—  
أيديكم



، للمساعدة في إنقاذ الأرواح  
انضم إلى الحملة

انقر هنا



QUAND NOS MEMBRES POUR  
SAUVER  
DES VIES  
—REJOIGNEZ NOS  
MAINS!



POUR AIDER À SAUVER DES  
VIES, REJOIGNEZ LA CAMPAIGN

CLIQUEZ ICI

<https://www.who.int/campaigns/world-hand-hygiene-day/2021>



Zoom  
background

Download the board at

<https://www.who.int/campaigns/world-hand-hygiene-day/2021>



## Social Media Package

# Seconds save lives - clean your hands!



<https://www.who.int/campaigns/world-hand-hygiene-day/2021>

## 5 May 2021 – Hashtags #

**#HandHygiene**



**#CleanYourHands**



**#InfectionPrevention**





# Selfie boards for pictures

- Download the board at <https://www.who.int/campaigns/world-hand-hygiene-day/2021>
- Post your pictures with the hashtags above on: <https://www.CleanHandsSaveLives.org>





World Health  
Organization



**SECONDS  
SAVE  
LIVES**  
— CLEAN YOUR —  
**HANDS!**

**SAVE LIVES  
CLEAN YOUR HANDS**

Please include your name, health-care setting and country when posting your photo on social media, mentioning @WHO.

**#HandHygiene**

**#CleanYourHands**

**#InfectionPrevention**



**Download the T-shirt template** and make the campaign T-shirts



<https://www.who.int/campaigns/world-hand-hygiene-day/2021>

**Download the clock background** and create your Second Save Lives clock



<https://www.who.int/campaigns/world-hand-hygiene-day/2021>



A close-up photograph of a camera lens, showing the intricate details of the glass elements and the metal housing. The lens is positioned on the right side of the frame, with a vibrant, out-of-focus background of purple, blue, and green bokeh lights. The lighting is dramatic, highlighting the textures of the lens and the surrounding environment.

**The 5 May  
WHO  
Advocacy  
video**

---

# Video message by Prof Didier Pittet & WHO Deputy Director-General Dr Zsuzsanna Jacab



<https://www.youtube.com/watch?v=uUMoppMJ5RQ>



# Video message by Prof Didier Pittet & WHO Deputy Director-General Dr Zsuzsanna Jakab



<https://www.youtube.com/watch?v=uUMoppMJ5RQ>

# To achieve effective Hand Hygiene at the Point of Care



<https://www.youtube.com/watch?v=uUMoppMJ5RQ>



# Seconds save lives – clean your hands!



<https://www.youtube.com/watch?v=uUMoppMJ5RQ>

# Seconds save lives – clean your hands!



<https://www.youtube.com/watch?v=uUMoppMJ5RQ>





SECONDS  
SAVE  
LIVES  
— CLEAN YOUR —  
HANDS!

#HandHygiene

#CleanYourHands

#InfectionPr

Contents lists available at ScienceDirect



American Journal of Infection Co

journal homepage: [www.ajicjournal.org](http://www.ajicjournal.org)

Commentary

“Seconds save lives – clean your hands”: the 5 May 2021 World Health Organization *SAVE LIVES: Clean Your Hands* campaign

Benedetta Allegranzi MD<sup>a</sup>, Ermira Tartari PhD<sup>a,b,c</sup>, Didier Pittet MD<sup>c,\*</sup>

<sup>a</sup> Infection Prevention and Control Technical and Clinical Hub, Department of Integrated Health Services, World Health Organization (WHO), Geneva, Switzerland

<sup>b</sup> Faculty of Health Sciences, University of Malta, Malta

<sup>c</sup> Infection Control Programme, University of Geneva Hospitals and Faculty of Medicine, Geneva, Switzerland

International Journal of  
INFECTION CONTROL

SHORT COMMENTARY

‘Seconds save lives – clean your hands’: the 5 May 2021 World Health Organization’s *SAVE LIVES: Clean Your Hands* campaign

Benedetta Allegranzi<sup>1</sup>, Ermira Tartari<sup>1,2,3</sup> and Didier Pittet<sup>3\*</sup>

<sup>1</sup>Infection Prevention and Control Technical and Clinical Hub, Department of Integrated Health Services, World Health Organization (WHO), Geneva, Switzerland; <sup>2</sup>Faculty of Health Sciences, University of Malta, Malta; <sup>3</sup>Infection Control Programme, University of Geneva Hospitals and Faculty of Medicine, Geneva, Switzerland



Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

Journal of Hospital Infection

journal homepage: [www.elsevier.com/locate/jhin](http://www.elsevier.com/locate/jhin)



Commentary

“Seconds save lives – clean your hands”: the 5 May 2021 World Health Organization *SAVE LIVES: Clean Your Hands* campaign

B. Allegranzi<sup>a</sup>, E. Tartari<sup>a,b,c</sup>, D. Pittet<sup>c,\*</sup>

<sup>a</sup> Infection Prevention and Control Technical and Clinical Hub, Department of Integrated Health Services, World Health Organization (WHO), Geneva, Switzerland

<sup>b</sup> Faculty of Health Sciences, University of Malta, Malta

<sup>c</sup> Infection Control Programme, University of Geneva Hospitals and Faculty of Medicine, Geneva, Switzerland

Allegranzi et al.  
*Antimicrob Resist Infect Control* (2021) 10:55  
<https://doi.org/10.1186/s13756-021-00926-7>

Antimicrobial Resistance  
and Infection Control

LETTER TO THE EDITOR

Open Access

“Seconds save lives—clean your hands”: the 5 May 2021 World Health Organization *SAVE LIVES: Clean Your Hands* campaign

Benedetta Allegranzi<sup>1</sup>, Ermira Tartari<sup>1,2,3</sup> and Didier Pittet<sup>3\*</sup>



World Health  
Organization

# FACES — OF THE — CAMPAIGN

**SAVE LIVES  
CLEAN YOUR HANDS**



**SECONDS  
SAVE  
LIVES**  
— CLEAN YOUR  
HANDS! —



<https://cleanhandssavelives.org/>





**WHO SAVE LIVES: CLEAN YOUR HANDS** Home Faces of the Campaign



1

Team up with your colleagues to show commitment for hand hygiene to prevent infection

2

Join WHO SAVE LIVES: Clean YOUR Hands. Post your picture using the selfie board or a video while performing hand hygiene or your personalized campaign poster.

Download Poster Maker (PowerPoint)

Download Selfie Board (PDF)

3

Share your photo with other:

Tag your **picture** or **video** on social medias

#HandHygiene

#CleanYourHands

#InfectionPrevention

+ mention @WHO

or - Upload your file here

or - Send your picture or video as attachment to [share@cleanhands.pics](mailto:share@cleanhands.pics)

Vides under 8 Mb. Include a short message in the subject and/or for the body if you like



<https://5may.cleanhandssavelives.org/>





SAVE LIVES  
CLEAN YOUR HANDS



PREVCOVID-BR  
Manaus - São Paulo  
Brazil

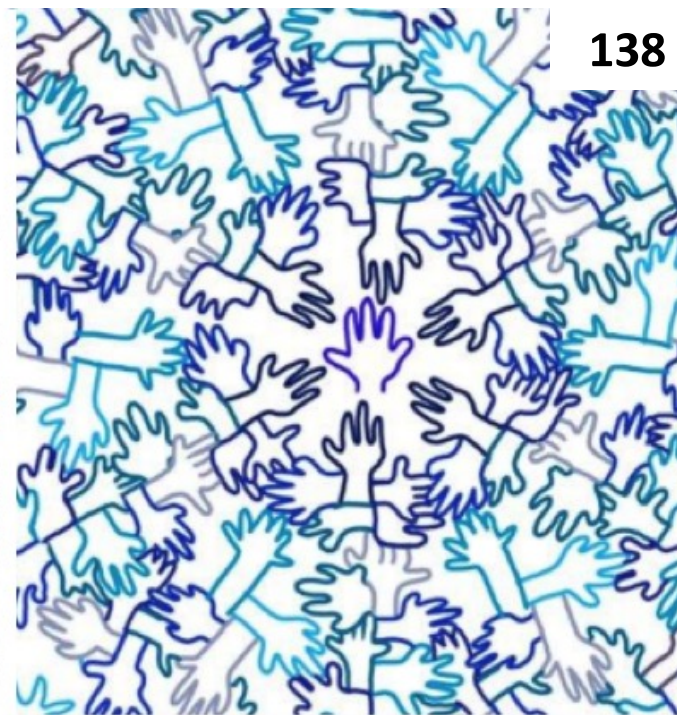


We support the  
Save Lives, Clean Your Hands Campaign.

#HandHygiene #CleanYourHands #InfectionPrevention

lands  
HandsSafe

ene via Chung shan hospital, Taiwan: Save  
he world clean and better.  
#HandHygiene#CleanYourHands#InfectionPrev  
ectionPrevention #CleanYourHands



138

CONCURS  
D'ART

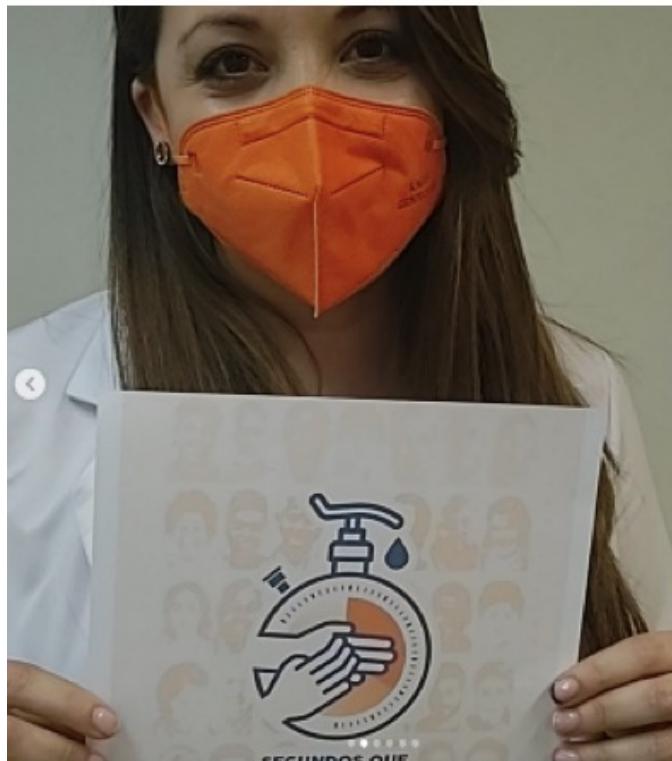
Amb motiu del dia mundi  
la higiene de mans s'obri  
concurS d'arts gràfiques i  
en el lema de l'OMS d'eng  
"20 segons salven vi

# Social Wall





#HandHygiene #CleanYourHands #InfectionPrevention  
 @MajoseFerri @LaleNavarro @UAlcaniz 139  
 Traduire le Tweet



NHO Shimoshizu National Hospital: Save Lives Our hospital slogan for 2021, is 'Hand Hygiene at the right moment, always, and correctly!' #InfectionPrevention #CleanYourHands  
 Traduire le Tweet







REUSIANG HOSPITAL-T/

We support the

ARAYA  
**SAVE LIVES  
CLEAN YOUR  
HANDS**  
**5 MAY 2021**



**EVERY SECOND MAKES  
A DIFFERENCE!**

#HandHygiene #InfectionPrevention



Organization



CLEAN YOUR HANDS



#臺北榮民總醫院 感染管制室

#Taiwan #Taipei Veterans General Hospital #Department of Infection Control  
#HandHygiene #CleanYourHands #InfectionPrevention

surewash

**Make Hand Hygiene  
A Habit!**

How to build muscle memory  
in hand hygiene technique





## Events/activities on 5 May 2021

- ✓ Participate in the **WHO global high-level event** on hand hygiene investment and improvement efforts with country and key partner organizations leaders on **5 May 2021 at 1 pm CET**  
([https://echo.zoom.us/webinar/register/WN\\_EXKCrEErSPKPvZXKia7Uaw](https://echo.zoom.us/webinar/register/WN_EXKCrEErSPKPvZXKia7Uaw))
- ✓ Attend the **technical webinar** on hand hygiene on **4 May from 4-5 pm CET in French & on 5 May from 3-4 pm CET in English** (<https://webbertraining.com/schedulep1.php>)
- ✓ Follow **WHO Facebook Live** on hand hygiene on **4 May 2021 at 3 pm CET**



## World Hand Hygiene Day 2021

**Effective hand hygiene at the point of care, now more than ever – a high level meeting convened by the World Health Organization (WHO) Deputy Director General**

**5 May 2021, 1-2:30 pm CET**

*Policy makers and facility managers  
Invest now to ensure effective hand hygiene action at the point of care.*

*“Investing to ensure hand hygiene in health care requires a focus on a range of actions which have been outlined by WHO in the form of a multimodal improvement strategy.”*

[Click here to Register](#)

[https://echo.zoom.us/webinar/register/WN\\_EXKCrEErSPKpVzXKia7Uaw](https://echo.zoom.us/webinar/register/WN_EXKCrEErSPKpVzXKia7Uaw)

Simultaneous interpretation available in: Spanish, Russian, French, Arabic, Portuguese, and Dari



As of 4 May 2020:

**SAVE LIVES  
CLEAN YOUR HANDS**

**23,564**  
facilities

**182**  
countries

**14 million**  
staff

**5.4 million**  
beds



**SECONDS  
SAVE  
LIVES**  
— CLEAN YOUR —  
**HANDS!**

**SAVE LIVES  
CLEAN YOUR HANDS**



**TO HELP SAVE LIVES,  
JOIN THE CAMPAIGN**

**CLICK HERE**



**Thank you for participating in the  
WHO global annual hand hygiene campaign  
SAVE LIVES: Clean Your Hands**

***Seconds Save Lives –  
Clean your Hands***

**Learn more at:**

<https://www.who.int/campaigns/world-hand-hygiene-day/2021>