

**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**



UNIVERSITÉ  
DE GENÈVE  
FACULTÉ DE MÉDECINE



HUG  
Hôpitaux  
Universitaires  
Genève  
University of Geneva Hospitals  
and Faculty of Medicine, Geneva, Switzerland



World Health  
Organization



WHO Collaborating Centre  
on Patient Safety  
Infection Control & Improving Practices


## WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”

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World Health Organization (WHO) Service Delivery and Safety  
• <http://www.who.int/infection-prevention/en/>

www.webbertraining.com May 3, 2018


## Objectives




- 1 Review the burden of sepsis worldwide
- 2 Understand the World Health Assembly resolution tackling sepsis as a global public health problem
- 3 Understand how infection and its evolution to sepsis can be prevented
- 4 Learn about the 2018 hand hygiene campaign theme and resources
- 5 Learn about new resources to help implementing infection prevention and control programs
- 6 Review examples of campaign celebrations from around the world

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**What is sepsis?** 


Sepsis arises when an infection alters the body's normal response causing injury to tissue and organs.



**Scientific definition:** sepsis is a life-threatening organ dysfunction caused by a dysregulated host response to infection.


WHO Infographic, How to prevent sepsis, <http://www.who.int/infection-prevention/campaigns/clean-hands/5may2018/en/>  
Singer M et al. The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). JAMA. 2016; 315: 801-10.

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**Sepsis as a global health problem (1)** 

**Global epidemiological estimate of sepsis**

- Sepsis is estimated to affect more than 30 million people worldwide every year, potentially leading to 6 million deaths
- The burden of sepsis is most likely highest in low- and middle-income countries (LMICs)




**Every year sepsis affects 30 million people worldwide**

WHO Infographic, How to prevent sepsis, <http://www.who.int/infection-prevention/campaigns/clean-hands/5may2018/en/>  
Fleischmann C, et al. Am J Respir Crit Care Med 2016; 193(3): 259-72.


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**Sepsis as a global health problem (2)** 


**Sepsis has high mortality rate**

- Hospital mortality of sepsis: 17%
- Hospital mortality of severe sepsis: 26%




WHO. Report by the Secretariat. WHA A70.13. [http://www.who.int/service\\_delivery/safety/areas/sepsis/en/](http://www.who.int/service_delivery/safety/areas/sepsis/en/)

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**Sepsis as a global health problem (3)** 

**Paediatric / Neonatal sepsis**


- 3 million newborns and 1.2 million children suffer from sepsis globally every year
- 3 out of every 10 deaths due to neonatal sepsis are thought to be caused by resistant pathogens (i.e., 214 000 neonatal deaths annually)
- Hospital mortality in paediatrics: 25%



- Fleischmann-Struzek C, et al. The Lancet Respiratory medicine 2018; 6(3): 223-30.  
- Laxminarayan R, et al. Lancet 2016; 387(10014): 168-75.  
- UN Inter-agency Group for Child Mortality Estimation, Levels & Trends in Child Mortality Report 2017.

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**Sepsis as a global health problem (4)** 

**Maternal sepsis**

- 1 in 10 deaths associated with pregnancy and childbirth is due to maternal sepsis
- > 95% of deaths due to maternal sepsis occur in LMICs
- 1 million newborn deaths are associated with maternal infection, each year
- Caesarean section is the single most important risk factor for maternal infection


**Every year sepsis**

causes **1 in 10** maternal deaths




- Say L, et al. The Lancet Global health 2014; 2(6): e323-33.  
 - Reproductive, Maternal, Newborn, and Child Health: Disease Control Priorities, Third Edition (Volume 2).

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**Sepsis can be health care-associated** 

**Global burden of health care associated infections (HAIs)**

- **Intensive care:**
  - In high-income countries, up to 30% of patients are affected by at least one HAI in ICU; in LMICs the frequency is at least 2–3 times higher
  - HAI is a risk factor for mortality in ICU septic patients (Brazil)
- **Neonatal care:**
  - Neonatal sepsis: 6.5-38/1000 live hospital-born babies
  - Among hospital-born babies, infections are responsible for 4% to 56% of all causes of death in the neonatal period (3/4 in South-East Asia and sub-Saharan Africa)
- **Surgical care:**
  - Surgical sepsis accounts for approximately 30% of all septic patients in the USA
  - In Africa, up to 20% of women delivering through caesarian section get a wound infection




• WHO Report on the burden of endemic health care-associated infections worldwide. [http://www.who.int/infection-prevention/publications/burden\\_hcai/en/](http://www.who.int/infection-prevention/publications/burden_hcai/en/)  
 • Allegranzi B et al. Lancet 2011;377:228-41  
 • Machado FR et al. Lancet Infect Dis 2017;17:1180-89  
 • Zaidi et al. Lancet Infect Dis 2005;1175-88  
 • Angus DC et al. Crit Care Med 2001;29:1303-1310


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## 70<sup>th</sup> World Health Assembly (WHA)

### Sepsis report and resolution





A/70/13  
13 April 2017

Improving the prevention, diagnosis and clinical management of sepsis

Report by the Secretariat

- The Executive Board at its 140th session considered an earlier version of this report<sup>1</sup> (the Board also adopted resolution EB/140.2).
- Sepsis arises when the body's response to infectious injuries in one tissue and organ. It can lead to septic shock, multiple organ failure and death, if not recognized early and managed promptly. It is a major cause of maternal and neonatal morbidity and mortality in low- and middle-income countries and affects millions of hospitalized patients in high-income countries, where rates of sepsis are climbing rapidly. The present report summarizes the problem of sepsis as a key issue for global health, describes the Secretariat's actions to address it and briefly outlines priority actions for the future.
- An international consensus has recently recommended that sepsis should be defined as "life-threatening organ dysfunction caused by a dysregulated host response to infection" and septic shock as "a subset of sepsis in which particularly profound circulatory, cellular, and metabolic abnormalities are associated with a greater risk of mortality than with sepsis alone". Both definitions are accompanied by clinical criteria to facilitate their use in practice to support diagnosis and clinical management during patient care.
- The occurrence and frequency of sepsis are determined by a complex interplay of many host, pathogen and health system response factors. Several chronic diseases, such as chronic obstructive pulmonary disease, cancer, diabetes, AIDS and other immunodeficiency disorders, are associated with an increased risk of sepsis. Demographic and social factors, such as diet and lifestyle (for example, use of tobacco and alcohol), poverty, war and crisis, also influence the occurrence of sepsis. Access to health care systems, in particular intensive care, as well as the timeliness and quality of care, are also associated with the occurrence of sepsis and its clinical care.
- Many types of microorganisms can cause sepsis, including bacteria, fungi, viruses and parasites, such as those that cause malaria. Bacteria such as *Streptococcus pneumoniae*, *Haemophilus influenzae*, *Streptococcus aureus*, *Escherichia coli*, *Staphylococcus spp.* and *Stenotrophomonas* are the most common aetiological pathogens. Manifestations of sepsis and septic shock can be the first diagnostic pathway of infections with resistant organisms: viruses, dengue viruses and highly transmissible

<sup>1</sup>The document EB/140/12 and the summary records of the Executive Board at its 140th session, fourth meeting and seventh agenda item 9.  
<sup>2</sup>Wang M et al. The first international consensus definitions for sepsis and septic shock (Septic-3). 2016;310(20):355-63. doi: 10.1093/qjki/kqw027

SEVENTIETH WORLD HEALTH ASSEMBLY  
Agenda item 12.2

WHA70.7  
29 May 2017

Improving the prevention, diagnosis and clinical management of sepsis

The Seventieth World Health Assembly,

Having considered the report on improving the prevention, diagnosis and clinical management of sepsis;<sup>1</sup>

Concerned that sepsis continues to cause approximately six million deaths worldwide every year, most of which are preventable;

Recognizing that sepsis as a syndromic response to infection is the final common pathway to death from most infectious diseases worldwide;

Considering that sepsis follows a unique and time-critical clinical course, which in the early stages is highly amenable to treatment through early diagnosis and timely and appropriate clinical management;

Considering also that infections which may lead to sepsis can often be prevented through appropriate hand hygiene, access to vaccination programmes, improved sanitation and water quality and availability, and other infection prevention and control best practices; and that forms of septicemia associated with nosocomial infections are severe, hard to control and have high fatality rates;

Recognizing that while sepsis itself cannot always be predicted, its ill effects in terms of mortality and long-term morbidity can be mitigated through early diagnosis and appropriate and timely clinical management;


Recognizing also the need to improve measures for the prevention of infections and control of the consequences of sepsis, due to inadequate infection prevention and control programmes, insufficient health education and recognition in respect of early sepsis, inadequate access to affordable, timely and appropriate treatment and care, and insufficient laboratory services, as well as the lack of integrated approaches to the prevention and clinical management of sepsis;

Noting that health care-associated infections represent a common pathway through which sepsis can place an increased burden on health care resources;

<http://www.who.int/servicedeliverysafety/areas/sepsis/en/>

## Sepsis resolution focus and actions

“Improving the prevention, diagnosis and clinical management of sepsis”



Main aspects of sepsis according to the resolution

- Epidemiology and global burden of sepsis
- Prevention
- Diagnosis
- Clinical management, including AMR

Main actions for tackling sepsis according to the resolution


- Awareness raising activities
- Reports
- Policies
- Evidence-based guidelines
- Implementation strategies
- Education and training activities
- Research
- Networking, coordinating partners' actions

<http://www.who.int/servicedeliverysafety/areas/sepsis/en/>

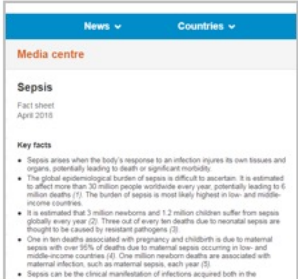

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## Overview of Sepsis

WHO Sepsis Fact Sheet and Web pages



- **Background** – definition
- **Who is at risk?** – elderly people, pregnant women, neonates etc.
- **Signs and symptoms** – esp. for early recognition
- **Prevention** (detailed later)
- **Diagnosis and management** – importance of early recognition, diagnosis, treatment, interlink with antimicrobial resistance (AMR)
- **Sepsis and the Sustainable Development Goals** – how improving sepsis can contribute to SDGs achievement
- **WHO’s work on sepsis**






<http://www.who.int/mediacentre/factsheets/sepsis/en/>

<http://www.who.int/servicedelivery/safety/areas/sepsis/en/>

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## How to move the implementation of the WHA resolution forward


**Recognizing Sepsis as a Global Health Priority — A WHO Resolution**

Konrad Reinhart, M.D., Ron Daniels, M.D., Nuranjan Kisoost, M.D., Flavia R. Machado, M.D., Ph.D., Raymond D. Schachter, L.L.B., and Simon Finler, M.D.

**KEY PRIORITIES FOR IPC & EPIDEMIOLOGY:**

- Global report by 2019
- Report of healthcare-associated sepsis
- Guidance Principles for sepsis prevention
- Sepsis prevention pathway infographic & video
- 5 May 2018

WHO Sepsis technical Expert Meeting report [http://www.who.int/servicedelivery/safety/areas/sepsis\\_meeting2018/en/](http://www.who.int/servicedelivery/safety/areas/sepsis_meeting2018/en/)  
 Reinhart K, et al. N Engl J Med 2017;377:5

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**How to prevent sepsis**  
 The role you can play in health care and communities  
 #sepsis #handhygiene

**What is sepsis?**  
 Sepsis arises when an infection starts in the body's normal tissues, causing injury to tissue and organs.

**Life-threatening illness**      **Injuries to tissues and organs**

**Every year sepsis affects:**  
 30 million people worldwide  
 3 million newborns  
 1.2 million children  
 can kill 6 million people  
 kills up to 500 000 newborns  
 causes in 10 maternal deaths

**Who is at risk?**  
 Anyone with an infection can develop sepsis but some are more at risk than others:  
 PREGNANT WOMEN      NEONATES  
 THE ELDERLY      THE IMMUNOSUPPRESSED  
 PATIENTS WITH CHRONIC DISEASES      HOSPITALIZED PATIENTS

**The main ways to prevent infection are:**

- Good hygiene: ↓40% transmission
- Safe water and sanitation: ↓10% deaths globally
- Safe food preparation and good nutrition: ↓50% deaths, ↓30% transmission of 100+ pathogens
- Vaccinations: Prevent 2-3 million deaths annually
- Practicing 102 interventions for hand hygiene: ↓50% infections
- A clean and functioning environment and equipment
- Safe water and sanitation
- Infection prevention and control programmes and to-gone: ↓30% infections
- Infection prevention measures

**Evolution of an infection to sepsis can be prevented by:**  
 Early detection of sepsis signs and symptoms      Prompt seeking of medical care      Prompt antimicrobial treatment and its reassessment

**Together we can help prevent sepsis and save millions of lives every year**

WHO Infographic, How to prevent sepsis, <http://www.who.int/infection-prevention/campaigns/clean-hands/5may2018/en/>

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**WHO animation video**

World Health Organization

**COMMUNITY**      **HEALTH CARE**

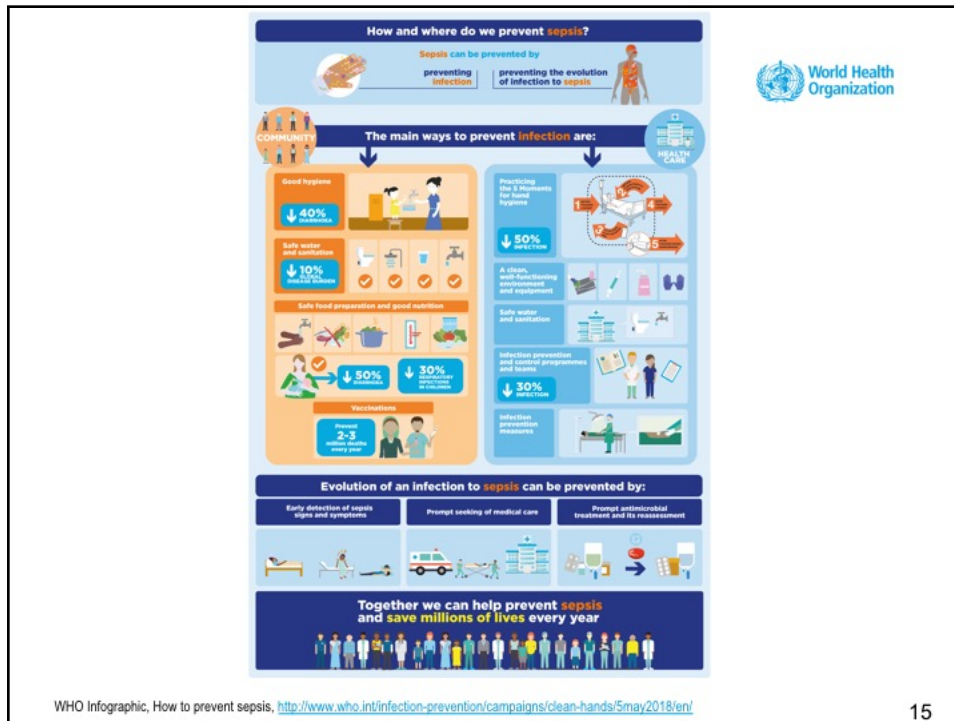
# Sepsis

**Anyone can get it, you can help to prevent it.**

WHO animation video,  
<http://www.who.int/infection-prevention/campaigns/clean-hands/5may2018/en/>

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**2 major ways to prevent sepsis** 

**Sepsis can be prevented by**




**preventing  
infection**




**preventing  
the evolution  
of infection to **sepsis****

WHO Infographic, How to prevent sepsis, <http://www.who.int/infection-prevention/campaigns/clean-hands/5may2018/en/> 17

**Prevention at the community level** 


**Good hygiene**

↓ **40%** DIARRHOEA




**Safe water and sanitation**

↓ **10%** GLOBAL DISEASE BURDEN




**Safe food preparation and good nutrition**



↓ **50%** DIARRHOEA      ↓ **30%** RESPIRATORY INFECTIONS IN CHILDREN

**Vaccinations**


Prevent **2-3** million deaths every year



WHO Infographic, How to prevent sepsis, <http://www.who.int/infection-prevention/campaigns/clean-hands/5may2018/en/> 18

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### Impact of preventing infection in communities



- In community settings, improved hand hygiene can cut the risk of diarrhoea by at least 40%
- Water, sanitation and hygiene (WASH) improvements could result in a 10% reduction of the total burden of disease worldwide
- 50% of all diarrhoeal diseases and 30% of all respiratory infections in children in LMICs could be prevented with increased rates of breastfeeding
- Vaccinations prevent 2-3 Mio deaths every year

**Good hygiene**

↓ 40%  
DIARRHOEA

**Safe water and sanitation**

↓ 10%  
GLOBAL DISEASE BURDEN

**Safe food preparation and good nutrition**

↓ 50%  
DIARRHOEA

↓ 30%  
RESPIRATORY INFECTIONS IN CHILDREN


**Vaccinations**

Prevent  
**2-3**  
million deaths every year

- UNICEF Data : Monitoring the Situation of Children and Women - Diarrhoeal Disease  
 - Pruss-Ustun A, et al. Tropical medicine & international health: 2014;19(8):894-905  
 - Victora, et al. Lancet 2016;387(10017):475-90.


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### Prevention at the health facility level




Practicing the 5 Moments for hand hygiene


↓ 50%  
INFECTION



A clean, well-functioning environment and equipment




Safe water and sanitation




Infection prevention and control programmes and teams

↓ 30%  
INFECTION



Infection prevention measures




WHO Infographic, How to prevent sepsis, <http://www.who.int/infection-prevention/campaigns/clean-hands/5may2018/en/>


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### Impact of preventing infection in health care




- Improved hand hygiene practice in health care can reduce health care associated infection (HAI) by as much as 50%
- Effective IPC programmes lead to more than a 30% reduction in HAI rate.




**HEALTH CARE**

**Practicing the 5 Moments for hand hygiene**



**Infection prevention and control programmes and teams**




**↓ 50% INFECTION**

**↓ 30% INFECTION**

Luangasanatip N, et al. British Medical Journal. 2015;351:h3728.  
 Haley RW, et al. Am J Epidemiol 1985;121(2):182-205.  
 02/05/2018 | Title of the presentation

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**>30% Reduction** Effective IPC programmes lead to more than a 30% reduction in HAI rates

**25-57% Reduction** Surveillance contributes to a 25-57% reduction in HAIs


**50% Reduction** Improving hand hygiene practices may reduce pathogen transmission in health care by 50%

**13-50% Reduction** Strong IPC plans, implemented across the USA between 2008 and 2014, reduced central line-associated bloodstream infections by 50%, surgical site infections (SSIs) by 17% and MRSA bacteraemia by 13%

**56% Reduction** MRSA declined by 56% over a four-year period in England in line with a national target

**44% Reduction** A safety culture and prevention programme reduced SSI risk in African hospitals by 44%

**80% Compliance** Between 2010 and 2015 Australia achieved and sustained 80% hand hygiene compliance in hospitals nationwide




**Health care without avoidable infections**  
 The critical role of infection prevention and control

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

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## Preventing the evolution of infection to sepsis




- Improved compliance with sepsis performance bundles is associated with 25% risk reduction in sepsis mortality rate
- Hospital and ICU length of stay decreased 4% for every 10% increase in compliance with the resuscitation bundle
- Administration of antibiotics within 1 hour significantly reduces the risk of death in ICU septic patients (OR 0.63, 95% CI 0.44–0.89, p=0.0090)

**Early detection of sepsis signs and symptoms**

**Prompt seeking of medical care**

**Prompt antimicrobial treatment and its reassessment**



Levy, et al. Crit Care med. 2015;43(1):3-12.  
Machado FR et al. Lancet Infect Dis 2017;17:1180–89

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## Implementation resources for the WHO IPC Core Components Guidelines
















<http://www.who.int/infection-prevention/tools/core-components/en/>

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## Implementation manual and assessment framework for the health facility level





**IMPROVING INFECTION PREVENTION AND CONTROL AT THE HEALTH FACILITY**

Integrate practical manual supporting implementation of the WHO Guidelines on Core Components of Infection Prevention and Control Programmes

**INFECTION PREVENTION AND CONTROL ASSESSMENT FRAMEWORK AT THE FACILITY LEVEL**

**New! Launched today!**

<http://www.who.int/infection-prevention/tools/core-components/en/>

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## Multimodal improvement strategy for IPC implementation



**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

**In other words, the WHO multimodal improvement strategy addresses these five areas:**

- 1. Build it (System change)**  
What infrastructure, resources, training, and other essential enabling factors are required to implement the multimodal strategy? How can you ensure that the strategy is sustainable? What resources are needed to implement the multimodal strategy? What infrastructure, resources, training, and other essential enabling factors are required to implement the multimodal strategy? How can you ensure that the strategy is sustainable? What resources are needed to implement the multimodal strategy?
- 2. Teach it (Training & education)**  
Who needs to be trained? What type of training should be used to ensure that the educational effort is appropriate to the local culture and health-care workers' needs? What type of training should be used to ensure that the educational effort is appropriate to the local culture and health-care workers' needs?
- 3. Check it (Monitoring & feedback)**  
How can you monitor the implementation in being? How can you monitor the implementation in being? How can you monitor the implementation in being?
- 4. Sell it (Incentives & communications)**  
How can you establish an institutional climate that there is a strong focus on the goal of reducing infections in health-care workers and patients? How can you establish an institutional climate that there is a strong focus on the goal of reducing infections in health-care workers and patients?
- 5. Live it (Sustained change)**  
How can you ensure that the multimodal strategy is embedded within each step in the cycle of continuous improvement? How can you ensure that the multimodal strategy is embedded within each step in the cycle of continuous improvement?

**WHO multimodal strategy**  
<http://www.who.int/infection-prevention/publications/ipc-cc-mis.pdf?ua=1>  
 Allegranzi B, et al. Lancet Infect Dis 2018; 18:507-515

Step 5 Sustaining the programme over the long term

Step 1 Preparing for action

Step 2 Baseline assessment

Step 3 Developing and executing the plan

Step 4 Evaluating impact

Multimodal improvement strategy embedded within each step in the cycle of continuous improvement

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Advanced Infection Prevention and Control Training

World Health Organization

Leadership and programme management in infection prevention and control

2018

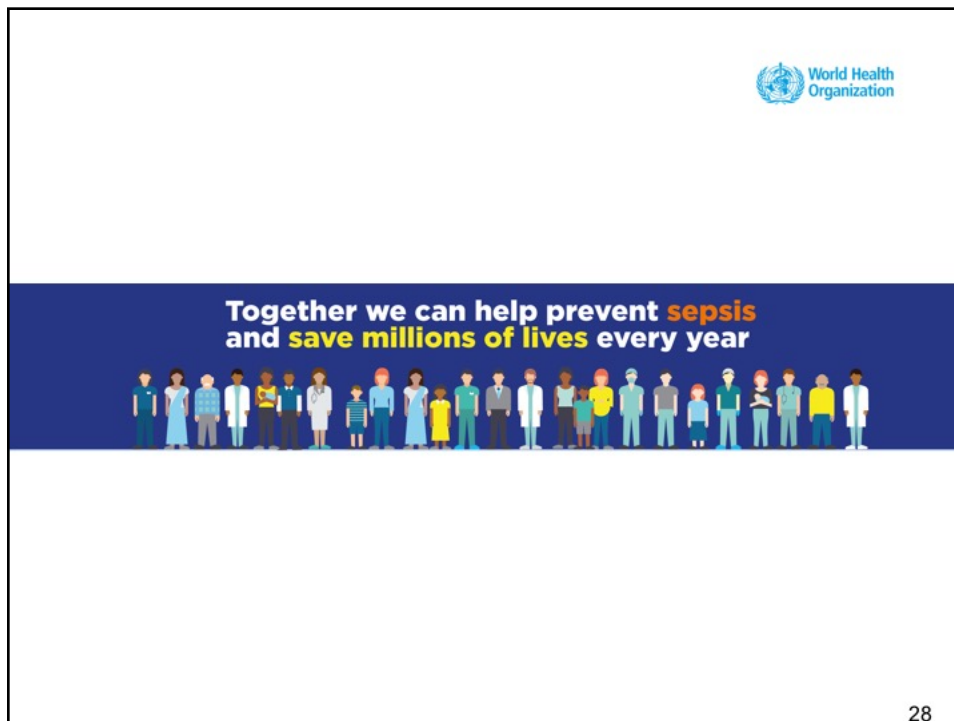
**New!**

Education Session for Trainers, Observers and Health Workers

5 May 2018 update

<http://www.who.int/infection-prevention/tools/core-components/en/>  
[http://www.who.int/infection-prevention/tools/hand-hygiene/training\\_education/en/](http://www.who.int/infection-prevention/tools/hand-hygiene/training_education/en/)

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World Health Organization

**Together we can help prevent sepsis and save millions of lives every year**

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**A Webber Training Teleclass**  
**www.webbertraining.com**

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**IT'S IN YOUR HANDS**  
**PREVENT SEPSIS IN HEALTH CARE**

1. The burden of sepsis worldwide
2. The WHA resolution tackling sepsis
3. How infection and its evolution to sepsis can be prevented
4. The 2018 hand hygiene campaign theme and resources
5. New resources to help implementing IPC programmes
6. Examples of campaign celebrations from around the world
7. Perspectives and beyond

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

**#Sepsis #HandHygiene**

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**#Sepsis #HandHygiene**

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**SAVE LIVES: Clean Your Hands 5 May 2018 campaign**

Advocacy material - supporting 5 May 2018

- Banners (for websites) - sticker template
- Posters  
(x6 - generic and one for each target audience)
- A branded social media photo board & dedicated web page to feature advocates' photos
- A WHO video message

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## 5 May 2018 - Calls to Action

**SAVE LIVES: Clean Your Hands 5 May 2018 It’s in your hands – prevent sepsis in health care**

**Our calls to action are:**

- **Health workers:** “Take 5 Moments to clean your hands to prevent sepsis in health care.”
- **IPC leaders:** “Be a champion in promoting hand hygiene to prevent sepsis in health care.”
- **Health facility leaders:** “Prevent sepsis in health care, make hand hygiene a quality indicator in your hospital.”
- **Ministries of health:** “Implement the 2017 WHA sepsis resolution. Make hand hygiene a national marker of health care quality.”
- **Patient advocacy groups:** “Ask for 5 Moments of clean hands to prevent sepsis in health care.”



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## Advocacy Posters



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IT'S IN YOUR HANDS

PREVENT SEPSIS IN HEALTH CARE

Health workers:  
Take **5 Moments** to clean your hands to prevent sepsis in health care

#HandHygiene  
#Sepsis

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The poster features a large graphic of silhouettes holding up the letters 'HANDS'. The text is in blue and orange. A call to action for health workers is in an orange box. Social media hashtags and a small version of the poster are also included.



IT'S IN YOUR HANDS

PREVENT SEPSIS IN HEALTH CARE

Infection prevention and control leaders:  
Be a **champion** in promoting hand hygiene to prevent sepsis in health care

#HandHygiene  
#Sepsis

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This poster is similar to the one above but targets infection prevention and control leaders. The call to action is in an orange box. It includes a small version of the poster in the top left and social media hashtags.

WHO Global Hand Hygiene Campaign 2018: "It's in your hands – prevent sepsis in health care"  
 Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization  
 Sponsored by the WHO Infection Prevention and Control Global Unit

**IT'S IN YOUR HANDS**

**PREVENT SEPSIS IN HEALTH CARE**

**Health facility leaders:**  
 Prevent sepsis in health care, make hand hygiene a quality indicator in your hospital

#HandHygiene  
 #Sepsis

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**IT'S IN YOUR HANDS**

**PREVENT SEPSIS IN HEALTH CARE**

**Ministries of health:**  
 Implement the 2017 WHA\* sepsis resolution.  
 Make hand hygiene a national marker of health care quality.  
 \*World Health Assembly

#HandHygiene  
 #Sepsis

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WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”  
Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization  
Sponsored by the WHO Infection Prevention and Control Global Unit

**IT'S IN YOUR HANDS**

**PREVENT SEPSIS IN HEALTH CARE**

**Patient advocacy groups:**  
Ask for 5 Moments of  
**clean hands** to **prevent sepsis** in health care

**#HandHygiene**  
**#Sepsis**

41

**SAVE LIVES: Clean Your Hands 5 May 2018 campaign**

« 5 May 2018 » in your institution

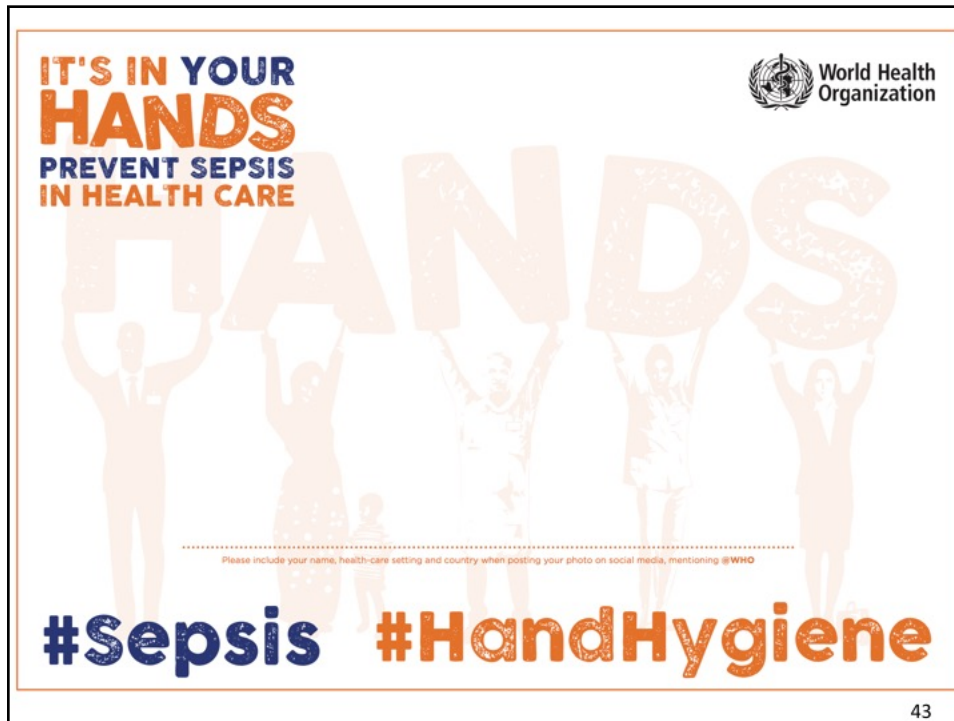
Send all you selfies/photos/videos to  
**[www.CleanHandsSaveLives.org](http://www.CleanHandsSaveLives.org)**

‘ It’s in your **hands**,  
prevent sepsis in health care ’

**#HandHygiene #Sepsis**

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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**



IT'S IN YOUR  
**HANDS**  
PREVENT SEPSIS  
IN HEALTH CARE

World Health Organization

**HANDS**

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

**#Sepsis #HandHygiene**

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**HUG-WHO collaborating Centre on Patient Safety**  
**Prevent sepsis in healthcare video**



SEPSIS AFFECTS 30 MILLION  
PEOPLE WORLDWIDE EACH YEAR

<https://tinyurl.com/5May2018>

HUG Högskolan  
Universitets  
Centrum  
Högskolan i Gäddede  
och Fakultät för Medicin, Sjukvård,  
och Hälsa

WHO Collaborating Centre  
on Patient Safety  
Högskolan i Gäddede

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**A Webber Training Teleclass**  
**www.webbertraining.com**

**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**

HUG-WHO collaborating Centre on Patient Safety  
**Prevent sepsis in healthcare video**



<https://tinyurl.com/5May2018>



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HUG-WHO collaborating Centre on Patient Safety  
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<https://tinyurl.com/5May2018>



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**HUG-WHO collaborating Centre on Patient Safety**  
**Prevent sepsis in healthcare video**



**SEPSIS KILLS UP TO HALF A MILLION  
NEWBORNS EVERY YEAR**

<https://tinyurl.com/5May2018>



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**HUG-WHO collaborating Centre on Patient Safety**  
**Calls for action**



<https://tinyurl.com/5May2018>



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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**

**JOIN US!**

**Info&Tools - 5 May - SAVE LIVES: Clean Your Hands**  
**<http://www.who.int/infection-prevention/campaigns/clean-hands/5may2018/en/>**

**POST YOUR PHOTOS/SELFIES at:**  
**<http://www.cleanhandssavelives.org>**

**[www.CleanHandsSaveLives.org](http://www.CleanHandsSaveLives.org)**

<https://tinyurl.com/5May2018>

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<https://www.CleanHandsSaveLives.org/CleanHands/>

**Commit: take a photo or a selfie**



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**A Webber Training Teleclass**  
**[www.webbertraining.com](http://www.webbertraining.com)**

**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**

Send your 5 May 2018 campaign photos to  
[www.CleanHandsSaveLives.org](http://www.CleanHandsSaveLives.org)



An independent website facilitated by Professor Didier Pittet

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<https://www.CleanHandsSaveLives.org/CleanHands/>

Prevent sepsis in health care #HandHygiene #Sepsis



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**A Webber Training Teleclass**  
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**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**

<https://www.CleanHandsSaveLives.org/CleanHands/>

Show your commitment!

**STEP 1**  
 Team up with a colleague to show commitment to prevent sepsis in healthcare

**STEP 2**  
 Join SAVE LIVES: Clean YOUR Hands and take a photo with the campaign board on or around 5 May

DOWNLOAD BOARD

**STEP 3**  
 Share your photo with others:

OPTION 1: Tag your picture social medias  
 #HandHygiene #Sepsis

OPTION 2: Upload your picture  
 My comment:   
 My name:   
 SEND YOUR PICTURE


OPTION 3: Send your picture as attachment to  
 me@cleanhandspics

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<https://www.CleanHandsSaveLives.org/CleanHands/>

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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**



**Private Organizations for Patient Safety Hand Hygiene**

POPS is supporting 5 May with:

- Landing pages
- Educational materials
- Social media presence
- Press releases
- Blog
- Translations
- Competitions
- WHO recommendations dissemination

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**WHO Global Hand Hygiene Campaign 2018: "It's in your hands – prevent sepsis in health care"**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**

**POPS is supporting the 5 May 2018 campaign**

**Hand-in-Scan**  
Hand Hygiene Matters

**HANDINSCAN'S HAND HYGIENE DAY COMPETITION 2018**

**CELEBRATE WORLD HAND HYGIENE DAY ON MAY 5TH**

Every year on May 5th, the World Health Organization (WHO) send out their annual call to action to increase awareness and instances of effective hand hygiene. This year the campaign theme is "It's in your hands – Prevent Sepsis in Healthcare". This theme brings to light the need for a greater focus on hand hygiene and infection prevention and control programs in the ongoing global battle against antibiotic resistance.

To learn more about the WHO campaign visit their [website](#) which is packed with tools, resources and posters.

As a proud member of the Private Organizations for Patient Safety (POPS) global community, Diversy supports this campaign by issuing challenges, competitions and activities to raise awareness of the WHO's important messages.

be tracked online between May 2-5, 2018, seeing your results here soon!

Good luck, individuals! Team

**World Health Organization's SAVE LIVES: Clean Your Hands – May 5, 2018**

Each year on May 5<sup>th</sup>, the World Health Organization's SAVE LIVES-Clean Your Hands campaign aims to progress the goal of maintaining a global profile on the importance of hand hygiene in healthcare and to bring people together in support of hand hygiene improvement globally. The 2018 campaign, "It's in your hands - prevent sepsis in health care", focuses on the fight against sepsis in the context of hand hygiene and infection prevention programs.

**Private Organizations for Patient Safety Hand Hygiene**

**SARAYA**

**5 May 2018 SARAYA**

**CELEBRATE WORLD HAND HYGIENE DAY 2018**

**CELEBRATE WORLD HAND HYGIENE DAY ON MAY 5TH**

**L'hygiène des mains est facile, mais pas banale**

Une des mesures les plus importantes pour la prévention des infections nosocomiales est l'hygiène des mains. Globalement elle reste une tâche gigantesque.

C'est bientôt le 5 mai et à nouveau la journée mondiale de l'hygiène des mains. L'OMS l'a initiée en 2009. Et il fait partie de la campagne « Safe lives - Clean your hands ». Mais l'hygiène des mains est-elle réellement un problème qui nécessite une journée mondiale? [Oublieux faits :](#)

**B. BRAUN**

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**Deb UK @DebGmptUK · 4 h**

We're proud to be showing our support to WHO's annual WHO SAVES LIVES: Clean Your Hands' campaign, with a focus on preventing Sepsis in Healthcare.

Let's make #handhygiene a priority.

Find out more here: [dohgroup.co.uk/save-lives/](https://dohgroup.co.uk/save-lives/)

4 A l'origine en anglais

**ECL Healthcare**

Zena is @ECLHealthcare very own #SepsisSurvivor! #Sepsis #HandHygiene @WHO

**SARAYA**

**手洗い**  
しましょ!

目に見える汚れがある場合は  
石けん 流水 で手洗い

**手指消毒**  
しましょ!

目に見える汚れがない場合は  
アルコール 手指消毒剤 で手指消毒

**実践しよう! 手指衛生5つのタイミング!**

5月5日は手指衛生の日! **スプリング**

1 患者に接触する前  
2 清潔な手順操作の前  
3 体常に露出された可能性のある場合  
4 患者に触れた後  
5 患者周囲の物品に触れた後

WHO 世界保健機関は5月5日を「手指衛生の日」とし、国際的な啓発活動を行っています。

**SARAYA**

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**A Webber Training Teleclass**  
**www.webbertraining.com**

**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization  
Sponsored by the WHO Infection Prevention and Control Global Unit



**More translations thanks to  
the help from friends and  
colleagues  
in IPC around the world**

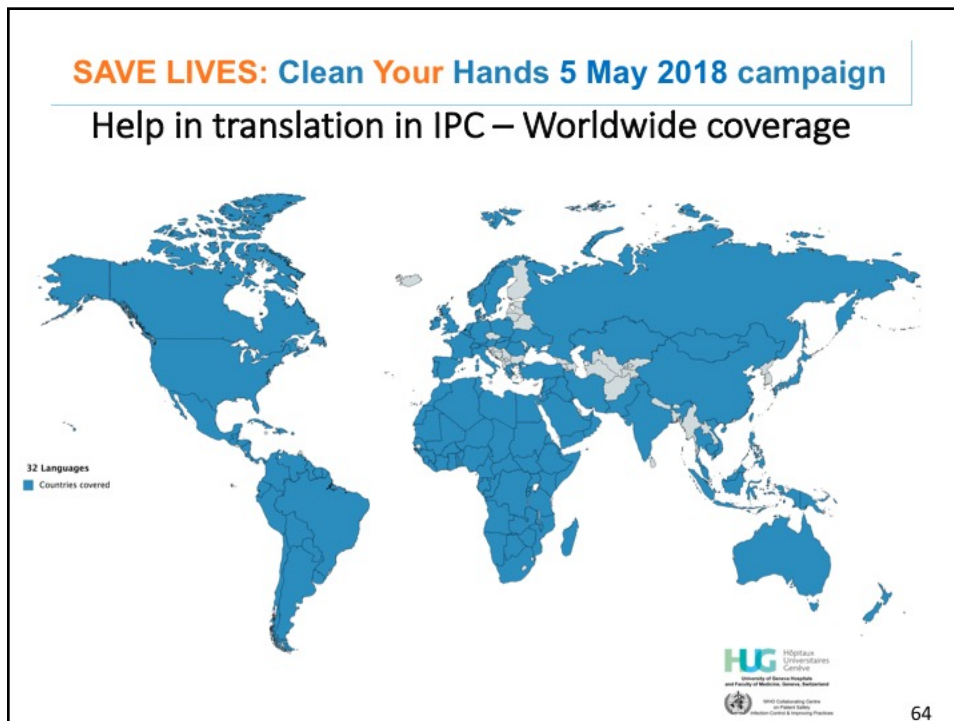
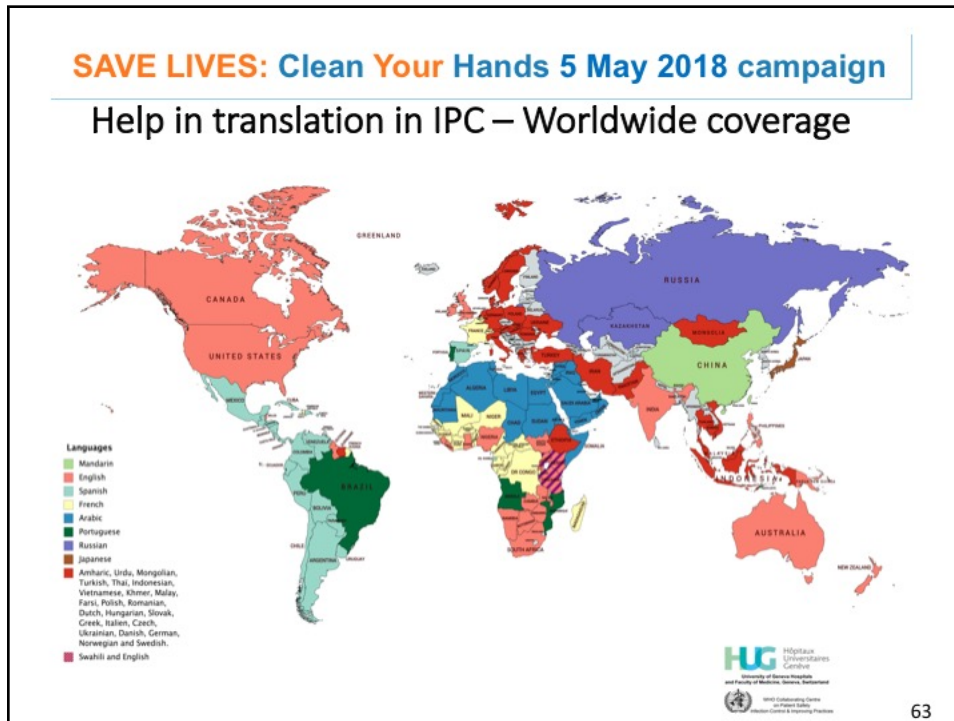
*Thank you all*

WHO Global Hand Hygiene Campaign 2018: "It's in your hands – prevent sepsis in health care"  
 Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization  
 Sponsored by the WHO Infection Prevention and Control Global Unit

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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
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**Sponsored by the WHO Infection Prevention and Control Global Unit**

**SAVE LIVES: Clean Your Hands 5 May 2018 campaign**

Advocacy material - supporting 5 May 2018

- Banners (for websites) - sticker template
- Posters  
(x6 - generic and one for each target audience)
- A branded social media photo board & dedicated web page to feature advocates’ photos
- A WHO video message

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**WHO 5 May 2018 Video message**



<https://tinyurl.com/WHO5May2018>

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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**

## WHO 5 May 2018 Video message

**Professor Didier Pittet**  
Infection Control Programme & WHO Collaborating Centre on Patient Safety  
University of Geneva Hospitals and Faculty of Medicine

**Dr Benedetta Allegranzi**  
Infection Prevention and Control Global Unit,  
Department of Service Delivery and Safety, WHO

**Professor Konrad Reinhart**  
Global Sepsis Alliance

<https://tinyurl.com/WHO5May2018>

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## WHO 5 May 2018 Video message

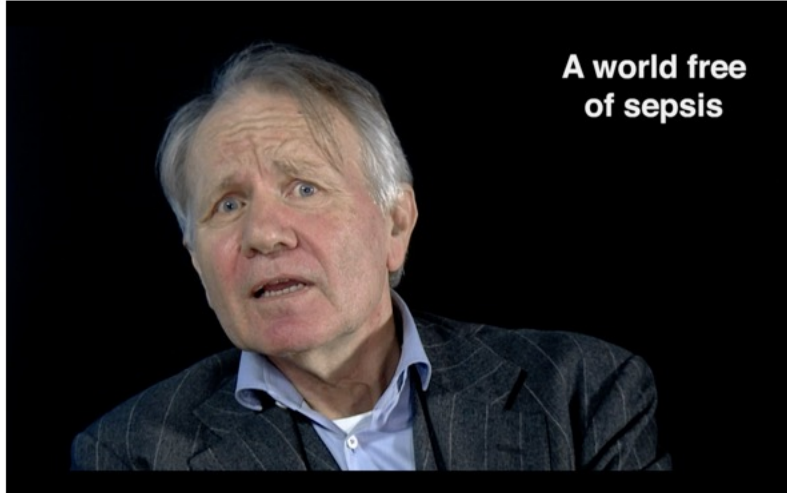


<https://tinyurl.com/WHO5May2018>

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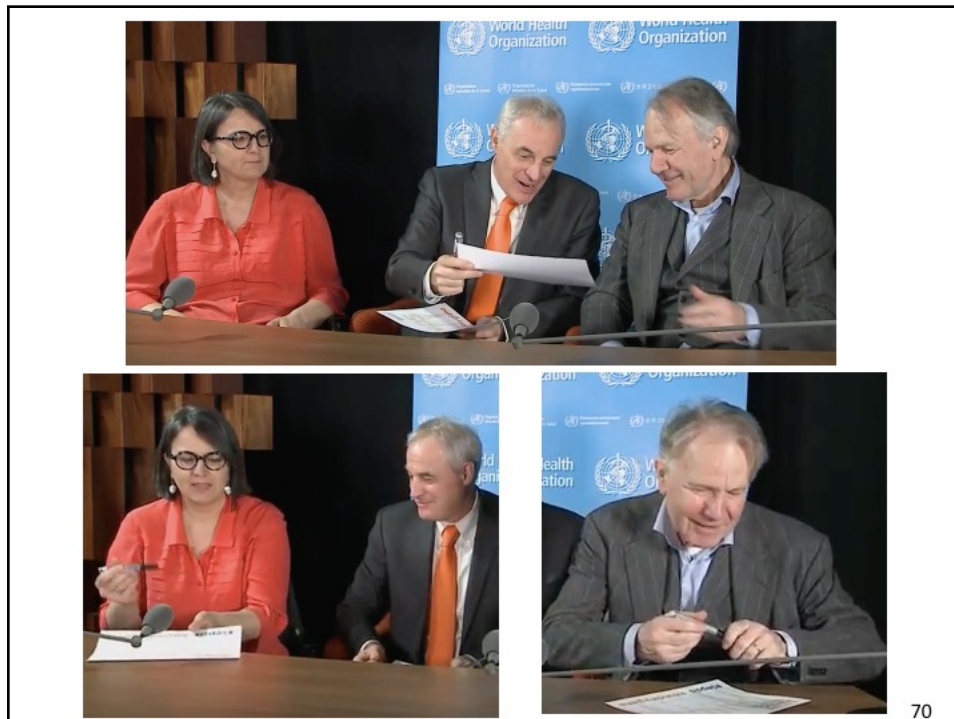
**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**

**WHO 5 May 2018 Video message**



<https://tinyurl.com/WHO5May2018>

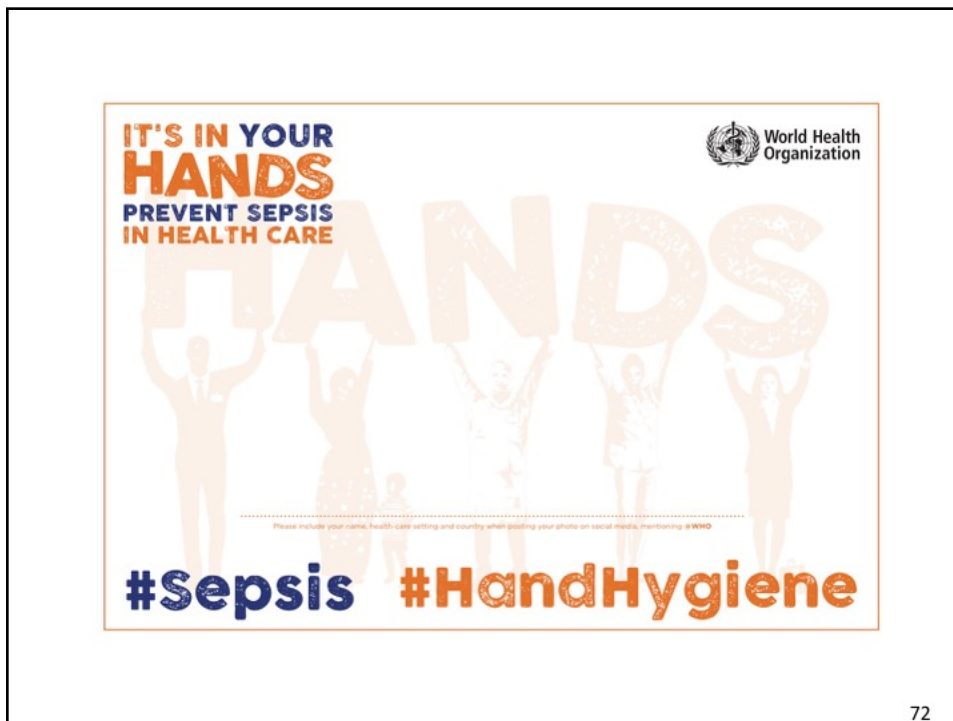
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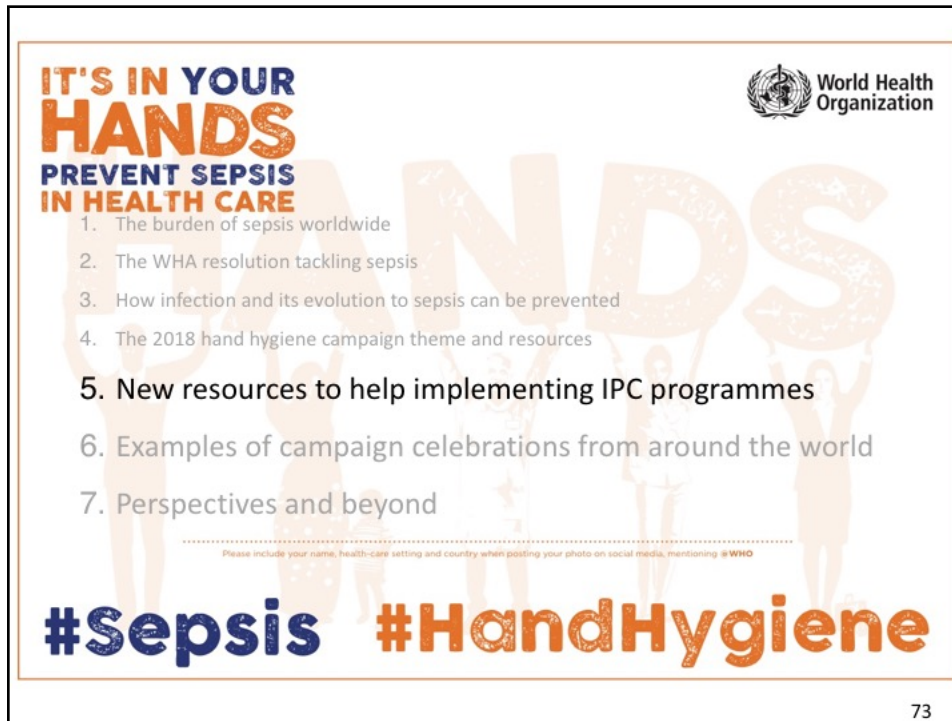
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The poster features the WHO logo in the top right corner. The main title is "IT'S IN YOUR HANDS PREVENT SEPSIS IN HEALTH CARE" in bold, orange and blue text. Below the title is a numbered list of seven items. At the bottom, there are two large hashtags: "#Sepsis" in blue and "#HandHygiene" in orange. A small line of text reads "Please include your name, health-care setting and country when posting your photo on social media, mentioning @WHO".

**IT'S IN YOUR HANDS**  
**PREVENT SEPSIS**  
**IN HEALTH CARE**

World Health Organization

1. The burden of sepsis worldwide
2. The WHA resolution tackling sepsis
3. How infection and its evolution to sepsis can be prevented
4. The 2018 hand hygiene campaign theme and resources
5. New resources to help implementing IPC programmes
6. Examples of campaign celebrations from around the world
7. Perspectives and beyond

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

**#Sepsis #HandHygiene**

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**A WHO dedicated 5 May 2018 webpage**  
**- find all resources here -**

[www.who.int//infection-prevention/campaigns/clean-hands/5may2018/en/index.html](http://www.who.int/infection-prevention/campaigns/clean-hands/5may2018/en/index.html)

Use WHO hand hygiene improvement tools all year round - find them here:  
<http://www.who.int/infection-prevention/tools/hand-hygiene/en/>

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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**

On the occasion of World Hand Hygiene Day on 5 May 2018, Scientific Journals in Infection Prevention and Control, Infectious Diseases, and Critical Care have united to dedicate special issues/editorials to this year’s campaign focus: **Prevent Sepsis in Health Care: It’s in your Hands**



64 INFECTION CONTROL & HOSPITAL EPIDEMIOLOGY MAY 2018, VOL. 39, NO. 5

**“It’s in Your Hands—Prevent Sepsis in Health Care”**: 5 May 2018, World Health Organization (WHO) SAVE LIVES: Clean Your Hands Campaign

The WHO also invites he...  
 and IPC (<http://www.who.clean-hands/register/en/>).

Each hand hygiene action contributes to preventing sepsis in health care. Let’s act together, “It’s in Your Hands—Prevent Sepsis in Health Care.”

To the Editor—Sepsis is a life-threatening organ dysfunction

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AIC Journal of Infection Control

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**“It’s in your hands—prevent sepsis in health care”**  
 2018 World Health Organization SAVE LIVES Hands campaign

CMI CLINICAL MICROBIOLOGY AND INFECTION ESCMID OFFICIAL PUBLICATION OF EUROPEAN SOCIETY OF CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES

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Article in Press

**“It’s in your hands—prevent sepsis in health care”**; 5 May 2018 World Health Organization SAVE LIVES: Clean Your Hands campaign

Volume 18, No. 5, p490–492, May 2018

Next Article >

Comment

**2018 WHO hand hygiene campaign: preventing sepsis in health care and the path to universal health coverage**

Hiroki Saito, Benedetta Allegranzi, Didier Pittet

Published: May 2018

EDITORIAL Open Access

Promoting and sustaining a historical and global effort to prevent sepsis: the 2018 World Health Organization SAVE LIVES: Clean Your Hands campaign

Roman Martchenko<sup>1</sup>, Daniela Pittet<sup>2</sup>, Sarah Mason-Roy<sup>3</sup>, Hiroki Saito<sup>4</sup> and Didier Pittet<sup>5</sup>

**Abstract**

Sepsis is estimated to affect more than 30 million patients with potentially five million deaths every year worldwide. Prevention of sepsis, as well as early recognition, diagnosis and treatment, can be accelerated to improve the global public health through World Health Organization (WHO) promoted hand hygiene in health care through its annual global campaign, “It’s in Your Hands—Prevent Sepsis in Health Care.”

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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**

**American Journal of Respiratory and Critical Care Medicine**  
 Table of Contents  
 Volume 197, Issue 9 | May 1 2018  
 ISSN: 1073-449X | eISSN: 1535-4970

**The WHO 2018 Hand Hygiene Campaign: Make a Difference—Prevent Sepsis in Health Care**

Building on the success of the “SAVE LIVES: Clean Your Hands” campaign over the past 9 years, the World Health Organization (WHO) comes back in 2018 with its annual call for action to promote hand hygiene worldwide, culminating on May 5 (1). These relentless efforts to improve hand hygiene practices are crucial to reduce healthcare-associated infections—a priority for

for example, a study of U.S. acute-care hospitals showed that up to  
Intensive Care Med (2018) 44:499–507  
<https://doi.org/10.1177/100134-018-5097-9>

**EDITORIAL**

**The 2018 World Health Organization SAVE LIVES: Clean Your Hands Campaign targets sepsis in health care**  
 Hiroki Saito<sup>1</sup>, Claire Kilpatrick<sup>1</sup> and Didier Pittet<sup>2\*</sup>  
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Sepsis is a serious disease condition which harms populations and challenges health care delivery. In recent years, perspectives to be addressed, the resolution emphasizes the importance of advocacy efforts to raise the awareness

**icm**  
 INTENSIVE CARE MEDICINE

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**WHO acknowledges those organisations who make every effort to support 5 May activities**

**Web sites promoting WHO SAVE LIVES: Clean Your Hands**

**5 May 2018**

WHO acknowledges those who make every effort to support 5 May activities. Below are links to websites that feature and promote 5 May information and names of those promoting on their Social Media accounts. Many others disseminate messages via emails and newsletters - thank you for making this annual campaign truly global!

- [African Sepsis Alliance](#)
- [Agência Nacional de Vigilância Sanitária \(ANVISA\)](#)
- [Associação Paulista de Epidemiologia e Controle de Infecção Relacionada à Assistência à Saúde](#)
- [Australia Sepsis Network](#)
- [Centers for Disease Control](#)
- [Emirates Critical Care Conference \(ECCC\) Dubai](#)
- [European Society for Intensive Care Medicine \(ESICM\)](#)
- [Global Maternal Sepsis Study](#)
- [Global Sepsis Alliance](#)
- [Hand Hygiene Australia](#)
- [Infection Control Africa Network](#)
- [Infection Prevention Association Canada](#)
- [Infection Prevention Society](#)
- [International Federation of Infection Control](#)
- [North-Western State Mechnikov Medical University](#)
- [Sepsis Stiftung](#)
- [WASH in health care facilities](#)

**Other support**

- Association for Professionals in Infection Control (APIC)
- The European Committee on Infection Control (EUCIC)

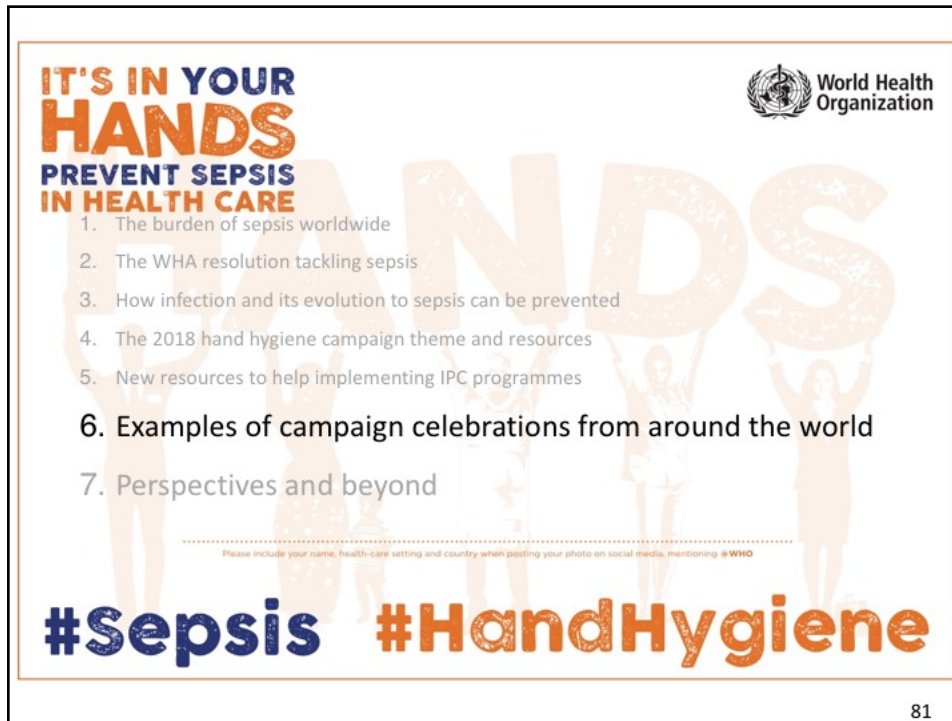
Source : [http://www.who.int/infection-prevention/campaigns/clean-hands/SLCYH\\_support/en/](http://www.who.int/infection-prevention/campaigns/clean-hands/SLCYH_support/en/)

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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**



**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**



The poster features the WHO logo and name in the top right corner. The main title is "IT'S IN YOUR HANDS PREVENT SEPSIS IN HEALTH CARE" in bold, orange and blue text. Below the title is a numbered list of seven items. At the bottom, there are two large hashtags: "#Sepsis" in blue and "#HandHygiene" in orange. A small line of text in the middle reads "Please include your name, health-care setting and country when posting your photo on social media, mentioning @WHO". The background shows silhouettes of people holding up large letters spelling "HANDS".

**IT'S IN YOUR HANDS**  
**PREVENT SEPSIS**  
**IN HEALTH CARE**

World Health Organization

1. The burden of sepsis worldwide
2. The WHA resolution tackling sepsis
3. How infection and its evolution to sepsis can be prevented
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5. New resources to help implementing IPC programmes
6. Examples of campaign celebrations from around the world
7. Perspectives and beyond

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

**#Sepsis #HandHygiene**

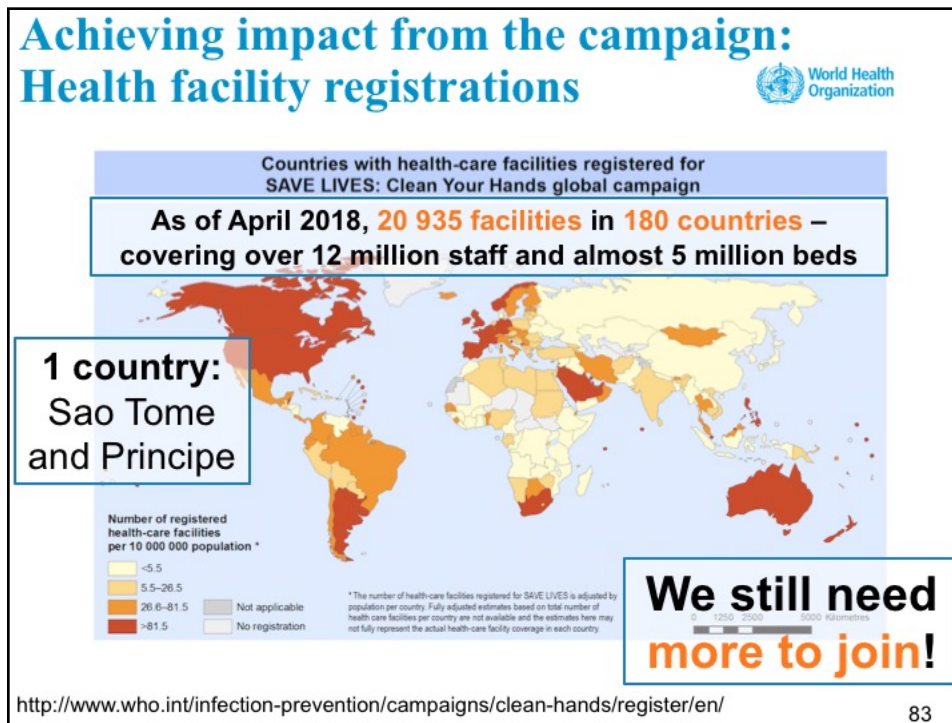
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**Sign up to the WHO 5 May campaign**  
**SAVE LIVES: Clean Your Hands**

**<http://www.who.int/infection-prevention/campaigns/clean-hands/register/en/>**

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**WHO Global Hand Hygiene Campaign 2018: “It’s in your hands – prevent sepsis in health care”**  
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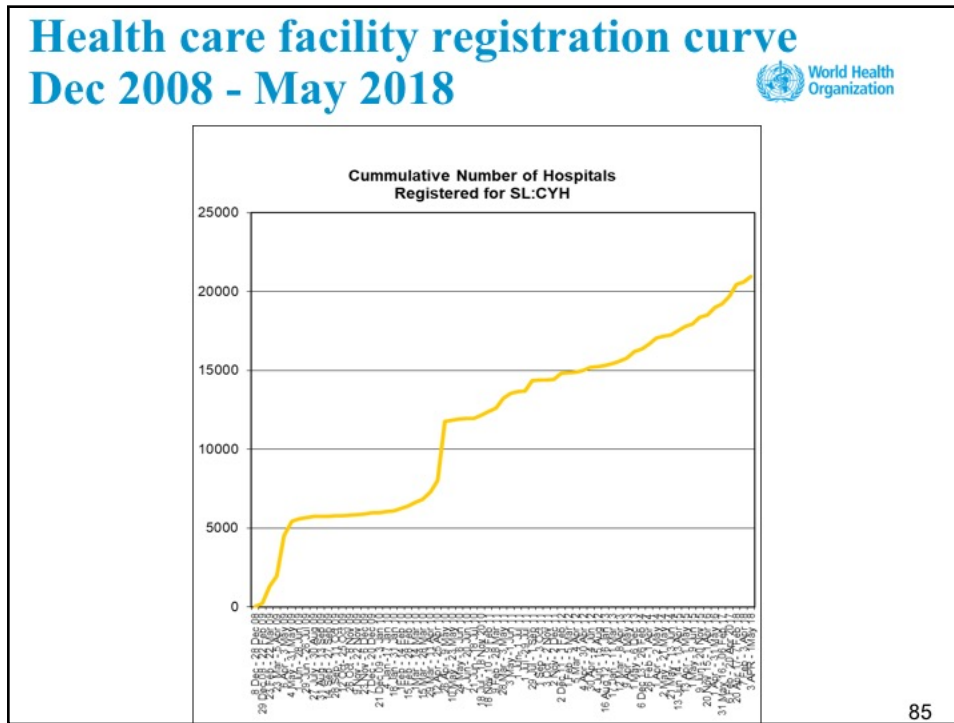


### Registration numbers by WHO region - May 2018

Region	Hospitals	Staff	Beds
AFRO	1238	457240	222057
AMRO	6114	4852605	1685292
EMRO	2327	1337358	462840
EURO	6393	3947391	1737852
SEARO	1351	820973	260044.3
WPRO	3512	1351897	504917
<b>Total</b>	<b>20,935</b>	<b>12,767,465</b>	<b>4,873,003</b>

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**WHO Global Hand Hygiene Campaign 2018: "It's in your hands – prevent sepsis in health care"**  
**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
**Sponsored by the WHO Infection Prevention and Control Global Unit**



### Campaign has started a few days ago....

World Health Organization

**How to Handwash?**  
 Stop sepsis, save lives

**Sepsis Bulletin**  
 Information for Patients, Family, and Friends

**@SepsisUK** introducing the WHO #sepsis #HandHygiene its in our hands @NHSImprovement #improveipc

**Clean Hands** @CleanHandsDate - 15 h  
 #HandHygiene via the clinic of laser dentistry... #Hand\_Hygiene@sepsisbulletin #sepsisbulletin

**OUI Infection Prevention and Control Team** @OUI\_IPC - 25 avt  
 Some of our senior nurses @OUI\_Hospitals joining the campaign in advance of Hand Hygiene Day 2018 #HandHygiene #sepsis

**Churchill Theatres, Oxford University Hospitals!**


RT @ABPSegPac: Recuerda que la #handhygiene es la medida preventiva más in 86 para

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**Prof. Didier Pittet and Dr. Benedetta Allegranzi, World Health Organization**  
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**IT'S IN YOUR  
HANDS**  
**PREVENT SEPSIS  
IN HEALTH CARE**



World Health  
Organization

1. The burden of sepsis worldwide
2. The WHA resolution tackling sepsis
3. How infection and its evolution to sepsis can be prevented
4. The 2018 hand hygiene campaign theme and resources
5. New resources to help implementing IPC programmes
6. Examples of campaign celebrations from around the world
7. Perspectives and beyond

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

**#Sepsis #HandHygiene**

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# How to **mobilize** in infection control ?

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# Let’s mobilize healthcare workers

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**2016**

Let's  
join  
hands  
for safe  
surgical  
care

**JOIN HANDS FOR SAFE SURGICAL CARE**  
Infection prevention and surgical teams unite for  
**SEE YOUR HANDS, 5 May 2016 – work together for hand hygiene.**

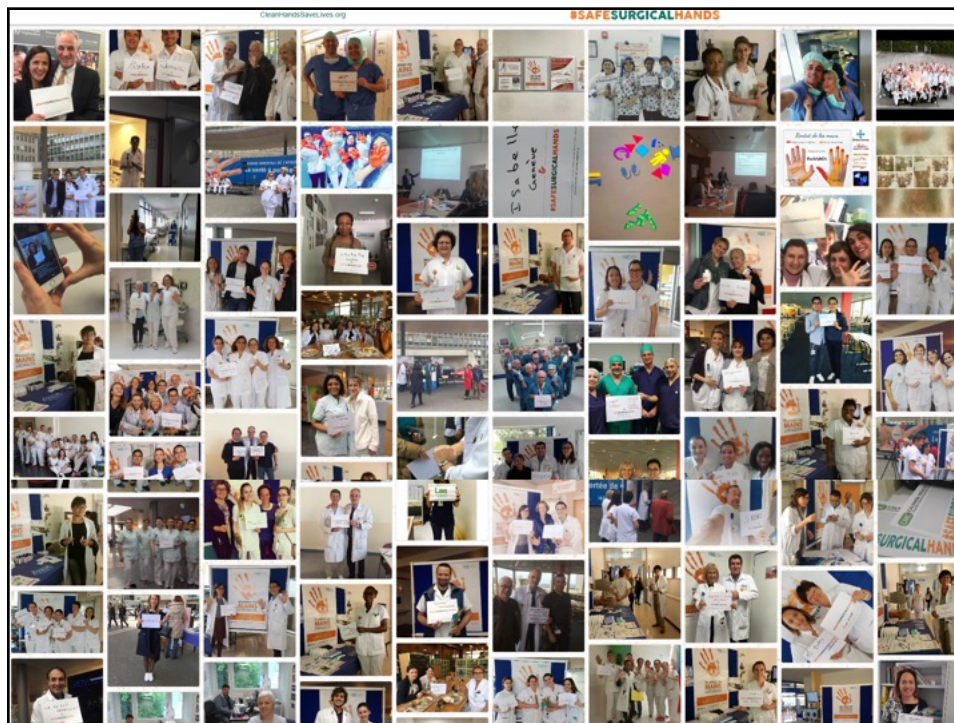
- 1 Team up with a colleague to show commitment to infection prevention in surgical care
- 2 Join 'clean' hands and take a photo with the WHO campaign board on or around 5 May
- 3 share your photo with others using #safesurgicalhands (twitter) @who on social media!

Join the campaign, help reduce avoidable healthcare infections!  
[www.who.int/gpsc/5may](http://www.who.int/gpsc/5may)

World Health Organization **#SAFESURGICALHANDS** **SAVE LIVES CLEAN YOUR HANDS**

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Let’s mobilize  
stakeholders

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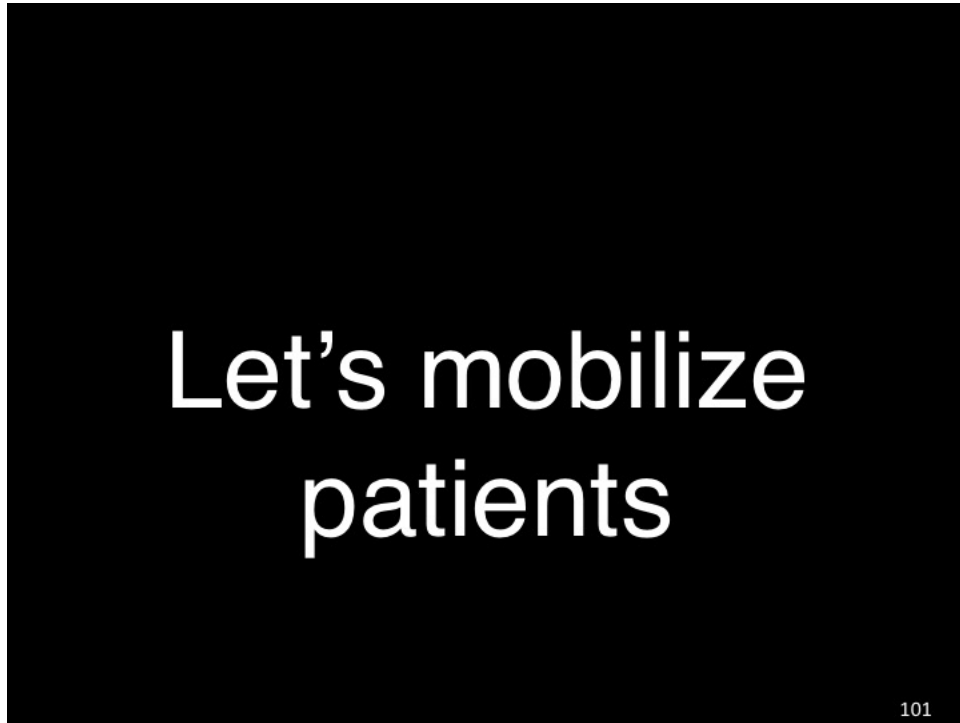


**Private  
Organizations  
for Patient  
Safety  
Hand Hygiene**

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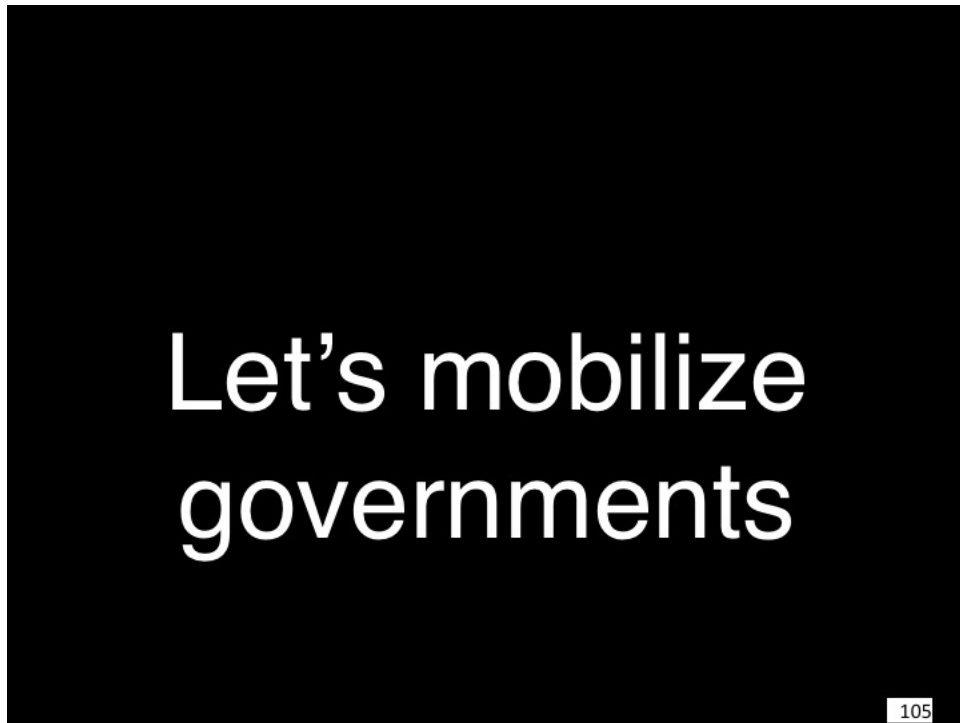




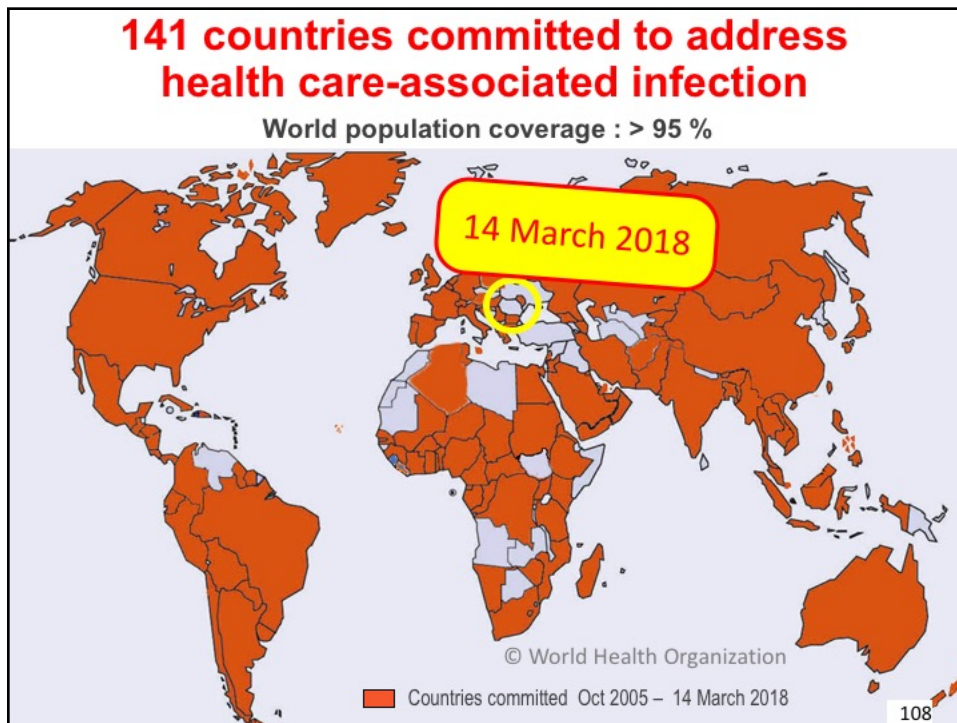
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Romania

#HandHygiene  
#Sepsis



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Let’s mobilize  
leaders

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**Let's mobilize  
communities**

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Available/in preparation:

- Arabic
- Chinese
- Polish
- Russian
- Hungarian
- Italian
- **Farsi**
- Turkish
- Shewali
- Romanian
- Italian
- **Urdu**
- Kmer

**...The Economy of Peace**



نجات انسان ها  
در گرو  
دست های  
پاکیزه

تیری کروزت

ترجمه:  
دکتر محمد حسن اعلمی  
آرش آریانپور | علی قنادزاده  
گلناز بیات | الهام صبوری

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CARING HANDS    KILLING HANDS

“... 16 MILLION DEATHS EACH YEAR, A GLOBAL CHALLENGE...”  
PROF. DIDIER PITTET

**CLEAN HANDS**  
A FILM DIRECTED BY GÉRALDINE ANDRÉ AND STÉPHANE SANTINI

YANN ARDOUIN • LAURENT BIETHES • DIDIER FRIEVEAUX • LAURÉNE HARATYK  
 ALEXANDRA PILLET • PHILIPPE SANTINI • LAURIE THEVENET • QUENTIN ROBERT • ANTHONY ZAKTA  
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 5<sup>th</sup> DEAUVILLE GREEN AWARDS  
 WITH THE SUPPORT OF THE FOUNDATION PHILANTHROPIA

THANKS SANDRA - FIBRARI - KALO - MAF - #CLEANHANDSCAMPAIGN - CIB - WHO

Available  
in 10 languages

**The Economy of Peace**

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Let’s...

**Turn Africa Orange**



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

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Let’s...

**Turn Africa Orange**



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# Let’s mobilize and further support IPC professionals

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**Train-the-Trainers: a standardized approach  
to hand hygiene training**



Faculties: Daniela Pires, Ermira Tartari, Carolina Fankhauser, Marcela Hernandez, Sara Masson-Roy, Josiane Stzajel-Bossiard, Américo Agostinho, Fernando Bellissimo-Rodrigues, Didier Pittet

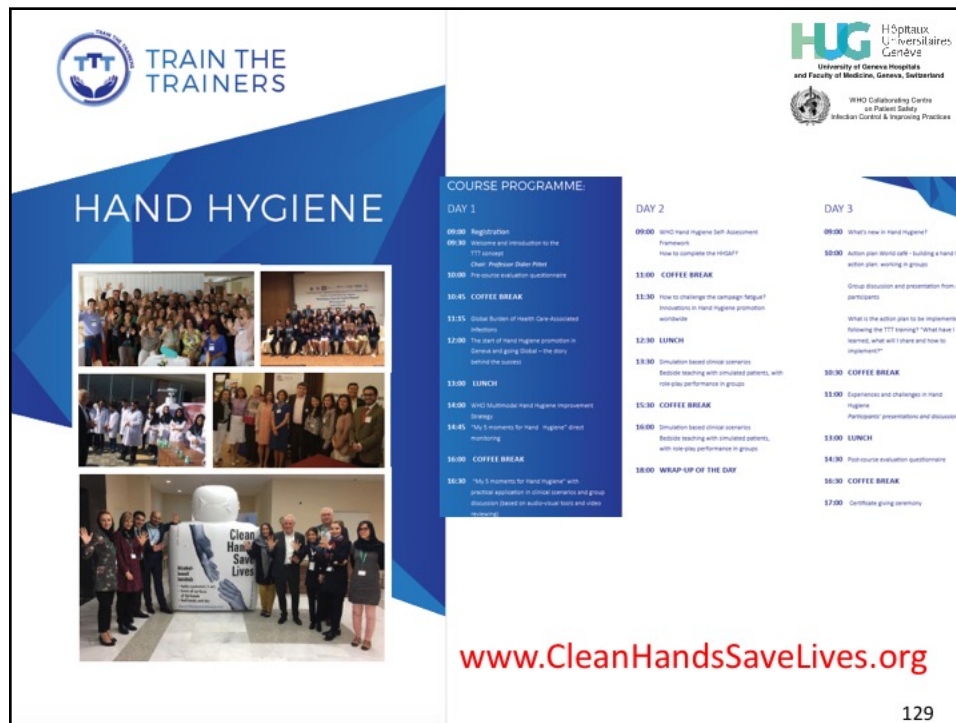
[www.CleanHandsSaveLives.org](http://www.CleanHandsSaveLives.org)

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The poster is titled "HAND HYGIENE" and features the "TRAIN THE TRAINERS" logo on the left. It includes three photographs of participants and a large banner that reads "Clean Hands Save Lives". On the right, there is a detailed "COURSE PROGRAMME" for three days. The program includes registration, WHO hand hygiene self-assessment, action plan development, simulation-based clinical scenarios, and a wrap-up of the day. Logos for HUG (Hospitaux Universitaires Genève) and the WHO Collaborating Centre on Patient Safety Infection Control & Infection Prevention are also present.

**COURSE PROGRAMME**

**DAY 1**

09:00 Registration  
 09:30 Welcome and introduction to the TTT course  
 Chair: Professor Didier Pittet  
 10:00 Pre-course evaluation questionnaire  
 10:45 COFFEE BREAK  
 11:15 Global Action of Health Care-Associated Infections  
 12:00 The state of hand hygiene promotion in Geneva and going Global – the story behind the success  
 13:00 LUNCH  
 14:00 WHO Multimodal Hand Hygiene Improvement Strategy  
 14:45 “My 5 moments for hand hygiene” direct roleplaying  
 16:00 COFFEE BREAK  
 16:30 “My 5 moments for hand hygiene” with practical application in clinical scenarios and group discussion (based on audio-visual tools and other resources)

**DAY 2**

09:00 WHO hand hygiene Self Assessment Framework  
 How to complete the HHQAT?  
 11:00 COFFEE BREAK  
 11:30 How to challenge the campaign fatigue?  
 Innovations in hand hygiene promotion worldwide  
 12:30 LUNCH  
 13:30 Simulation based clinical scenarios  
 bedside teaching with simulated patients, with role play performance in groups  
 15:30 COFFEE BREAK  
 16:00 Simulation based clinical scenarios  
 bedside teaching with simulated patients, with role play performance in groups  
 18:00 WRAP-UP OF THE DAY

**DAY 3**

09:00 What’s new in hand hygiene?  
 10:00 Action plan World Café – building a hand hygiene action plan: working in groups  
 Group discussion and presentation from the participants  
 What is the action plan to be implemented following the TTT training? (what have I learned, what will I share and how to implement?)  
 10:30 COFFEE BREAK  
 11:00 Experiences and challenges in hand hygiene  
 Participant presentations and discussion  
 13:00 LUNCH  
 14:30 Post-course evaluation questionnaire  
 16:30 COFFEE BREAK  
 17:00 Certificate giving ceremony

[www.CleanHandsSaveLives.org](http://www.CleanHandsSaveLives.org)

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The poster features the "TRAIN THE TRAINERS" logo on the left. The main title is "Train-the-trainers in hand hygiene". Below the title, there are four bullet points describing the approach. The WHO logo is visible in the bottom right corner.

**Train-the-trainers in hand hygiene**

- **Standardized approach to guide hand hygiene training** at the national or regional level for IPC experts
- **Harmonize elements of competence in HH**
- **Foment regional or national networks of cooperation and leadership**
- **Fight “campaign fatigue”**

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 **TTT in hand hygiene: structure**

Based on the HUG Geneva/WHO HH multimodal strategy

1. Lectures and round tables
2. Hands-on-simulation training
3. Sharing of experiences
4. Evaluation of knowledge pre-post course



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 **Case examples**

• Brazil		2015
• Spain		2016
• Mexico		2016, 2017 (2)
• Malaysia		2017
• South Africa		2017
• Iran		2017
• Thailand, Mexico and more.....		

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## Activities after the Train-The-Trainers



- **Brazil:** network of train-the-trainers, including the winners of the HHEA, several national courses
- **Mexico:** true domino effect (scheduled national TTT with 200 participants!)
- **Spain:** IPC experts replicated the concept and have performed a national TTT training
- **Iran:** trained participants organized hand hygiene training for health care workers

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## Take Home Messages

More info: [www.CleanHandsSaveLives.org](http://www.CleanHandsSaveLives.org)

- Creates an “domino effect”, to be replicated in each country by the participants
- Contributes to the harmonization of HH practices
- Contributes to new promotional activities for improving HH practices
- Great opportunity to create regional and national networks
- Future perspectives: HH core competencies, certification, validation of monitors, etc.

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### COURSE FACULTY

**CHAIR**

- Prof Didier Pittet: Director - Infection Control Programme & WHO Collaborating Centre on Patient Safety, Geneva

**COURSE ORGANIZERS AND FACULTY**

- Dr Daniele Pires: Medical doctor - Infection Control Programme & WHO Collaborating Centre on Patient Safety, Geneva
- Evmaria Tertari: Infection Control Practitioner and Research Fellow - Infection Control Programme & WHO Collaborating Centre on Patient Safety, Geneva
- Carolina Fankhauser-Rodríguez: Microbiologist - Infection Control Programme & WHO Collaborating Centre on Patient Safety, Geneva

**COURSE ORGANIZERS**

- Americo Agostini: Infection Control Programme on Patient Safety, Geneva
- Justine Setajuel: Infection Control on Patient Safety, Geneva
- Sarah Masson-Roy: Medical doctor - Infection Control Programme & WHO Collaborating Centre on Patient Safety, Geneva
- Dr Fernando Bellissimo Rodrigues: Medical doctor - Professor of the Social Medicine Department, Ribeirão Preto Medical School, University of São Paulo,
- Dr Marcelo Hernández de Mezarville: Coordinator, Epidemiology and Infection Prevention and Control Unit - Hospital Nacional de Niños, Costa Rica

### COURSE OVERVIEW:

The aim of a Train the Trainers (TTT) course is to set the global standard for training infection prevention and control (IPC) practitioners in hand hygiene.

These key actors establish their institution's hand hygiene infrastructure, lead hand hygiene improvement activities and spear-head scientific research agendas. However, there is widespread variation among the requisite elements of competence in hand hygiene worldwide. The Infection Control Programme and WHO Collaborating Centre on Patient Safety at the University of Geneva Hospitals and Faculty of Medicine, launched a TTT program for advanced and senior IPC practitioners, based

allows participants to master the direct observation method for hand hygiene compliance, which is considered the gold standard for evaluation.

Participants' knowledge is assessed through a before-and-after course evaluation tool. This model serves as a reference training method for IPC practitioners and health workers worldwide. Integrate our TTT for hand hygiene into your IPC program to see measurable improvement in your healthcare facility.



## HAND HYGIENE




More info: [www.CleanHandsSaveLives.org](http://www.CleanHandsSaveLives.org)

More info and videos at: [www.CleanHandsSaveLives.org](http://www.CleanHandsSaveLives.org)

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**Let’s reward  
excellence in hand  
hygiene promotion**

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**The Hand Hygiene Excellence Award**



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## AWARD FOR HAND HYGIENE EXCELLENCE

- Awarding **active and engaged IPC professionals**
- **Sharing expertise**
- Identifying **role models** & encouraging **leadership**



[www.hhea.info.com](http://www.hhea.info.com)

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## National leadership

Hand hygiene excellence award winner: spreading the experience countrywide in Romania

A Moldovan<sup>1</sup>, M Capilna<sup>2</sup>, I Cotoara<sup>1</sup>, B Moldovan<sup>3</sup>

*“As HHEA winner, our institution contributes to spread infection control in Romania. Our experience verifies the idea of considering hand hygiene as the entrance door to infection control.”*

[www.hhea.info.com](http://www.hhea.info.com)

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## WHO CAN APPLY?

1. Successfully applied the WHO hand hygiene promotion multimodal strategy
2. Show decreasing HAI rates
3. At least 3 years of sustainability
4. Strong leadership



[www.hhea.info.com](http://www.hhea.info.com)

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## HOW TO APPLY?



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**HAND HYGIENE EXCELLENCE  
AWARD  
TAKING THE WORLD...**



**Asia Pacific**  
since 2010

**Europe**  
since 2012

**Latin America**  
since 2014

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 In Middle East and North Africa in 2017

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 In Africa in 2018

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Be the next  
hand hygiene  
excellence award  
hospital!



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**IT'S IN YOUR  
HANDS  
PREVENT SEPSIS  
IN HEALTH CARE**



Hand hygiene promotion remains a priority in IPC

2018 marks the 200<sup>th</sup> anniversary of Semmelweis birth

Let's work together and further improve hand hygiene,  
IPC, patient safety, and save lives

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

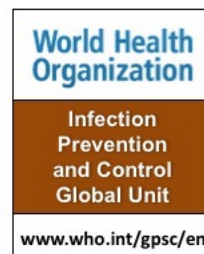
**#Sepsis #HandHygiene**

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<a href="http://www.webbertraining.com/schedulep1.php">www.webbertraining.com/schedulep1.php</a>	
May 10, 2018	<p><i>(FREE CBIC Teleclass)</i>  <a href="#">HOW THE CERTIFICATION BOARD OF INFECTION CONTROL (CBIC) WORKS FOR YOU</a>            Speaker: <b>Ivan W. Gowe</b>, CBIC Director, and <b>Lita Jo Henman</b>, CBIC Past President</p>
May 17, 2018	<p><a href="#">THE SILENT TSUNAMI OF AZOLE-RESISTANCE IN THE OPPORTUNISTIC FUNGUS ASPERGILLUS FUMIGATUS</a>            Speaker: <b>Prof. Paul E. Verweij</b>, Radboud University Center of Expertise in Mycology, The Netherlands</p>
May 28, 2018	<p><i>(FREE Teleclass – Broadcast live from the IPAC Canada conference)</i>  <a href="#">TREKKING SAFELY THROUGH THE STORM – MANAGING COMPLEX IPAC ISSUES</a>            Speaker: <b>Dr. Mark Joffe</b>, Alberta Health Services</p> <p>Live broadcast sponsored by GOJO Canada (<a href="http://www.gojocanada.ca">www.gojocanada.ca</a>)</p>
May 29, 2018	<p><i>(FREE Teleclass – Broadcast live from the IPAC Canada conference)</i>  <a href="#">SIMULATION AS AN EDUCATION TOOL</a>            Speaker: <b>Dr. Ghazwan Altabbaa</b> and <b>Dione Kolodka</b>, Rockyview Hospital, Calgary, Alberta</p>
June 13, 2018	<p><i>(South Pacific Teleclass)</i>  <a href="#">INVOLVING PATIENTS IN UNDERSTANDING HOSPITAL INFECTION</a></p>

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