

# World Hand Hygiene Day 2024

*Why is sharing knowledge about hand hygiene still so important ?*

*A 30-year journey from 1994 to 2024*

## **Prof Didier Pittet**

Professor of Medicine (hon), Faculty of Medicine, University of Geneva  
Chair, Clean Hospitals – Former Adviser, Clean Care is Safer Care  
Former director, Infection Control Program  
& WHO Collaborating Centre on Patient Safety / IPC & AMR,  
University of Geneva Hospitals and Faculty of Medicine, Geneva, Switzerland

Hosted by Dr. Yves Longtin

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

May 3, 2024





# World Hand Hygiene Day (WHHD) 2024

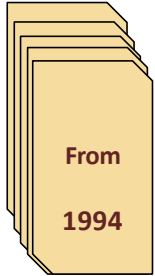
*Why is sharing knowledge about hand hygiene still so important ?*

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

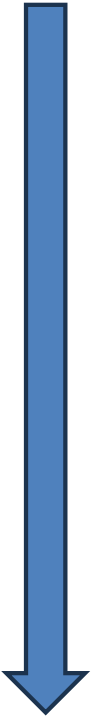


# The Menu for Today

- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions

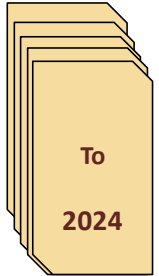


From  
1994



# The Menu for Today

*30 year-journey from 1994 to 2024*

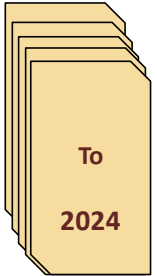


To  
2024

- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions



# The Menu for Today

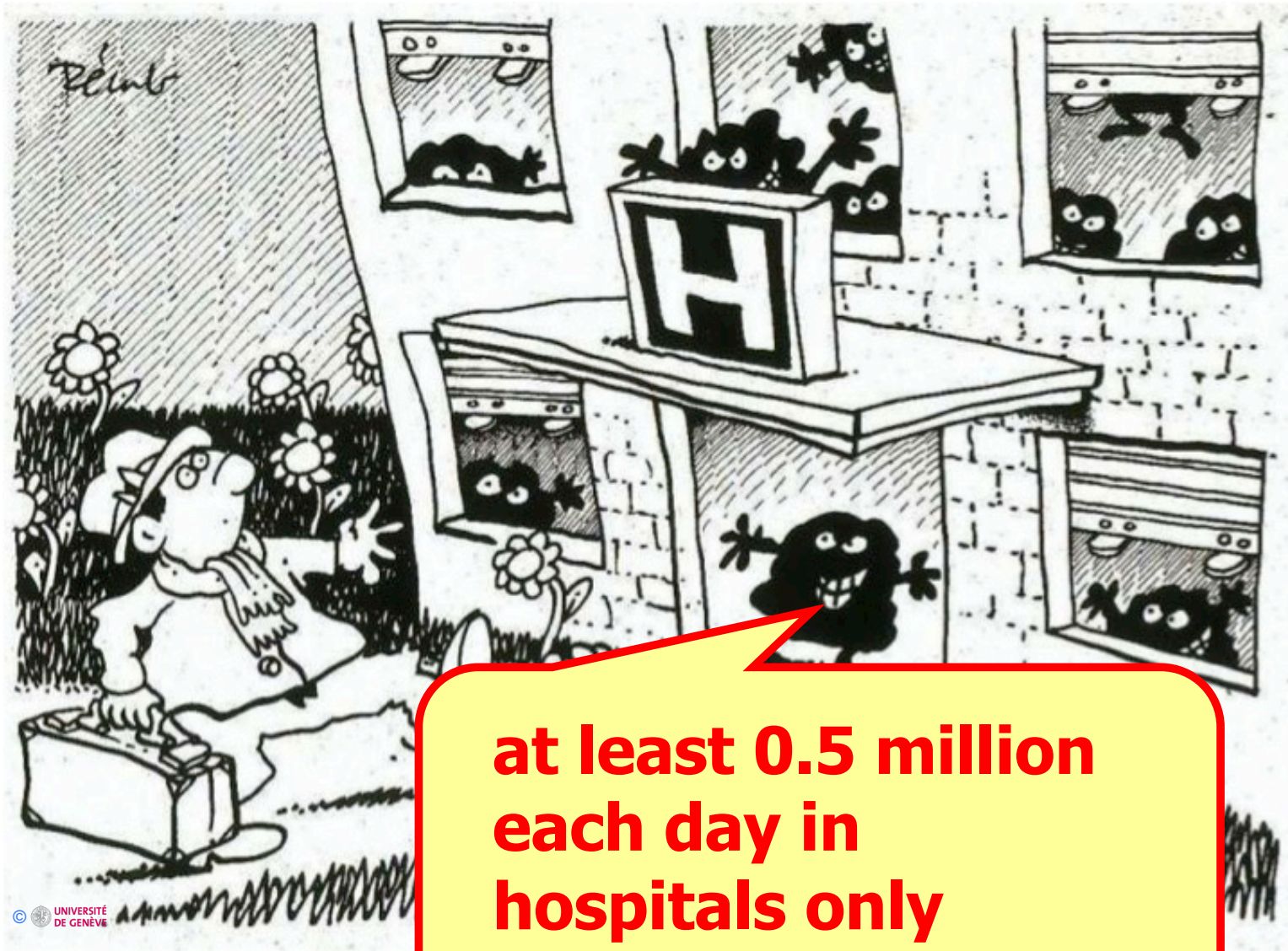


- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions



UNIVERSITÉ  
DE GENÈVE

**HUG** Hôpitaux  
Universitaires  
Genève  
L'ESSENTIEL, C'EST VOUS.



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

# Hospital infections

500,000 patients each day

16 million deaths every year



System change

Education

Monitoring  
+  
Performance feedback

Workplace  
reminders

Safety culture

multimodal  
behavior  
change  
strategy

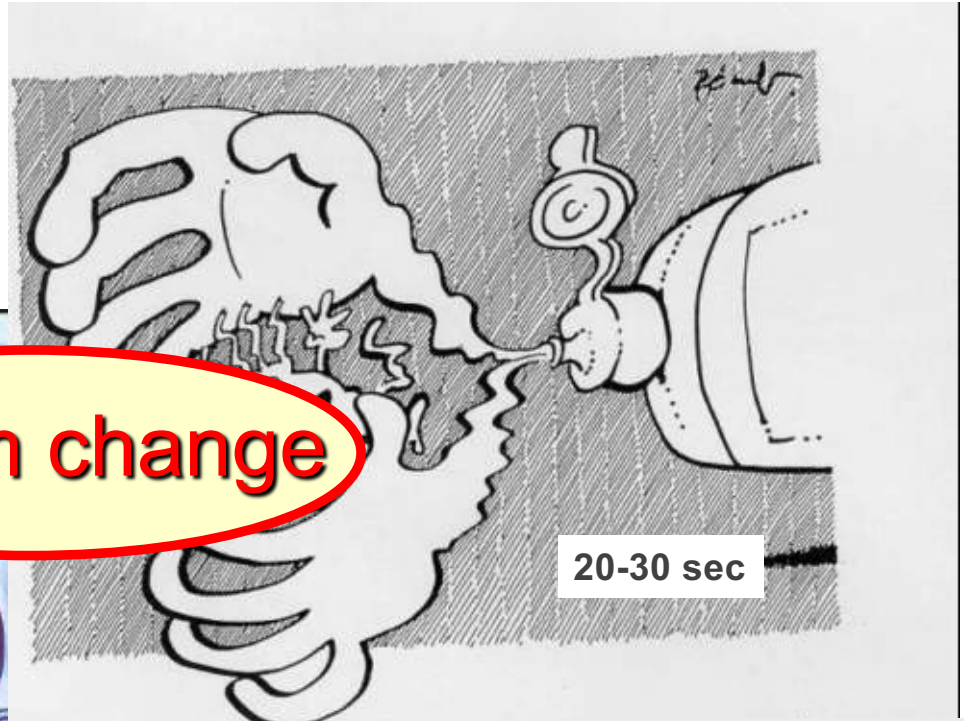


From  
1994  
at  
HUG

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



**System change**



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



From  
1994  
at  
HUG

Alcohol-based  
hand rub at  
the point of  
care

HUG



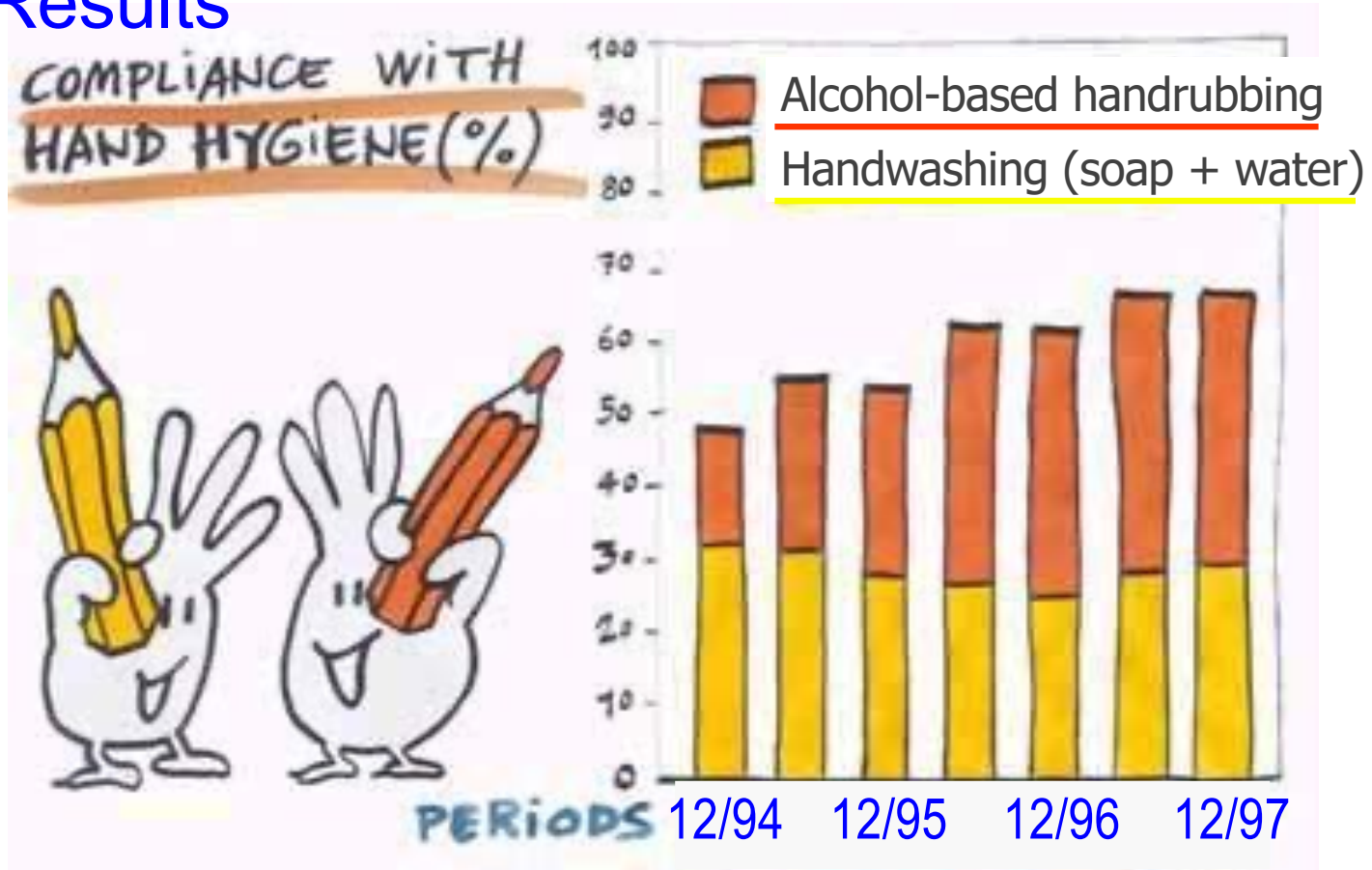
*The University  
of Geneva  
Hospitals, 1995*



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

1994  
to  
1997

## Results



[www.hopisafe.ch](http://www.hopisafe.ch)

Pittet D et al, *Lancet* 2000; 356: 1307-1312

The University of Geneva Hospitals (HUG), 8 years follow-up

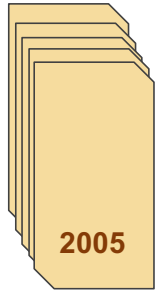
1994  
to  
2001

For each CHF 1.00  
invested,  
the return was  
CHF 20.00



Rub  
hands...  
it saves  
money

Pittet D et al, *Inf Control Hosp Epidemiol* 2004; 25:264



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



The 1st Global Patient Safety Challenge aims to reduce health care-associated infections worldwide through the promotion of best practices in hand hygiene & infection control



Pittet D & Donaldson L, *Lancet* 2005

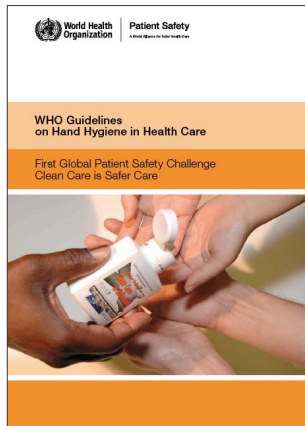


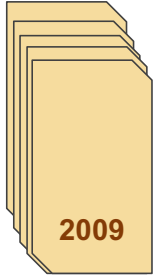
# Implementation strategy and toolkit for the WHO Guidelines on Hand Hygiene in Health Care

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



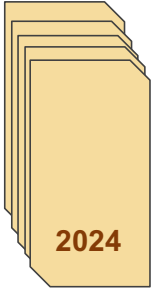
**THREE Evaluation and feedback**  
Monitoring hand hygiene practices, infrastructure, perceptions, & knowledge, while providing results feedback to health-care workers



**FOUR Reminders in the workplace**  
Prompting and reminding health-care workers



**FIVE Institutional safety climate**  
Individual active participation, institutional support, patient participation



## 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

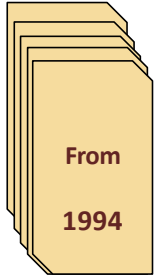


**FOUR Reminders in the workplace**  
Prompting and reminding health-care workers

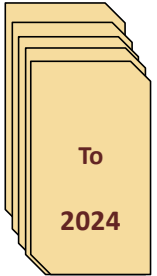


**FIVE Institutional safety climate**  
Individual active participation, institutional support, patient participation





# The Menu for Today



- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions



# Why is sharing knowledge about hand hygiene still so important ?

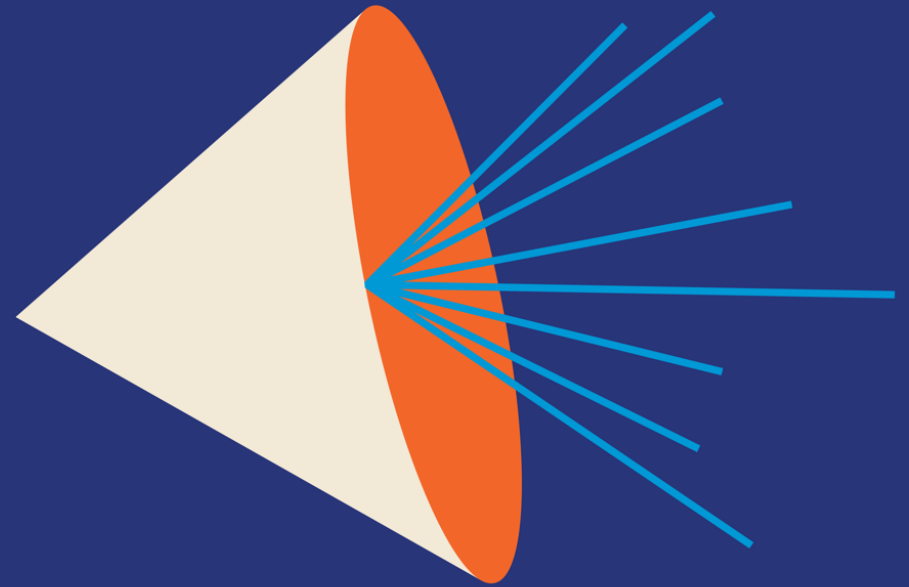
Why IPC and hand hygiene education and training should be in place for all health and care workers

*Thanks to Ermira Tartari, Claire Kilpatrick, Julie Storr, Benedetta Allegranzi & team, WHO IPC-Hub, WHO HQ, Geneva*



**Why is sharing  
knowledge about  
hand hygiene still so  
important?**

***Because it helps  
stop the spread of  
harmful germs in  
healthcare.***



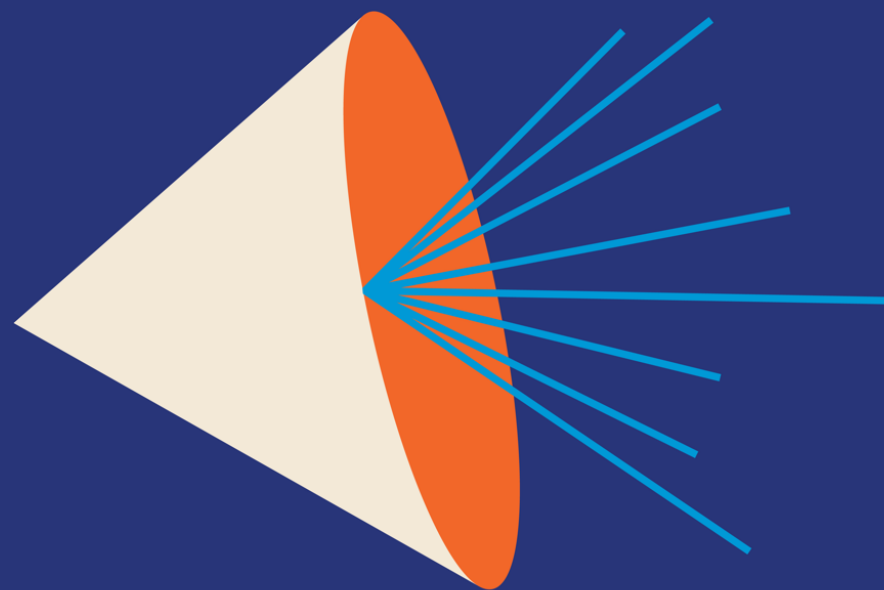


World Hand Hygiene Day  
2024

**Why is sharing  
knowledge about  
hand hygiene still  
so important**

**Because it helps  
stop the spread of  
harmful germs in  
health care**

**SAVE LIVES  
Clean Your Hands**



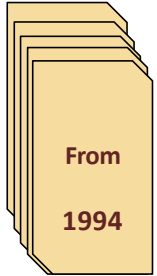
# Objectives

WHHD, 5 May 2024

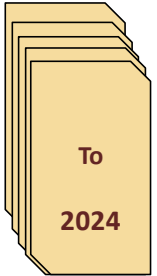


- **Strengthen learning approaches** to enable implementation of innovative and effective training to empower health and care workers to improve hand hygiene and IPC at point of care with enhanced knowledge, skills and behaviours
- **Promote access** to innovative hand hygiene and IPC training resources for health and care workers
- **Raise awareness** about the importance of knowledge and learning on hand hygiene at the right times to prevent a range of infectious diseases
- **Encourage measurement and evaluation mechanisms** to assess the impact of training and education on IPC standards and practices including hand hygiene, including their effect on the prevention of HAI and AMR

<https://www.who.int/campaigns/world-hand-hygiene-day/world-hand-hygiene-day-2024>



# The Menu for Today



- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- **Facts and figures in 2024**
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions



## HAI and AMR Burden – facts and figures

WHHD, 5 May 2024



- 1 in 10 patients is affected by HAIs; higher in LMIC countries & high-risk patients
- 136 million cases of health care-associated antibiotic resistant infections occur worldwide every year
- In Europe, the burden of the six most frequent HAIs was twice the burden of 32 other infectious diseases, in terms of disability and premature mortality
- It was also estimated that 63.5% of cases of infections with antibiotic-resistant bacteria were associated with health care
- HAI harm patients, visitors and health workers and place a significant burden on health systems
- In Europe alone, some 9 million HAIs occur every year in acute and long-term care facilities; they lead to 25 million extra hospital days and cost 13-24 billion Euros

<https://www.who.int/publications/i/item/9789240051164>

# The role of IPC and Hand Hygiene – facts and figures

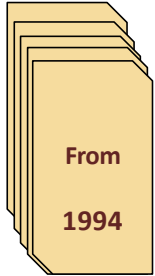
WHHD, 5 May 2024



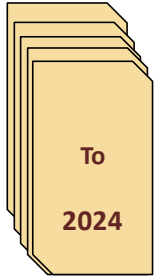
- IPC interventions reduce HAIs and AMR by 35-70% and are cost saving
- Preventing an infection and its spread reduces human suffering, loss of lives and producing economic advantages
- High quality water, sanitation and hygiene services, effective IPC programmes, based on the WHO core components, including hand hygiene action, can reduce HAIs (up to 70%)
- Hand hygiene saves millions of lives when performed at the right times in health care, while across the 34 OECD and EU/EEA countries, investing US\$ 1 in improving hand hygiene in health care settings returns about US\$ 24.6 in economic returns
- Accelerating hand hygiene action depends on water, sanitation and hygiene services. Yet globally, half of all health care facilities still lack basic hand hygiene facilities at the point of care

<https://www.who.int/publications/i/item/9789240051164>





# The Menu for Today

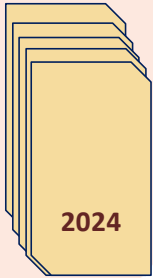


- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- **Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities**
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions

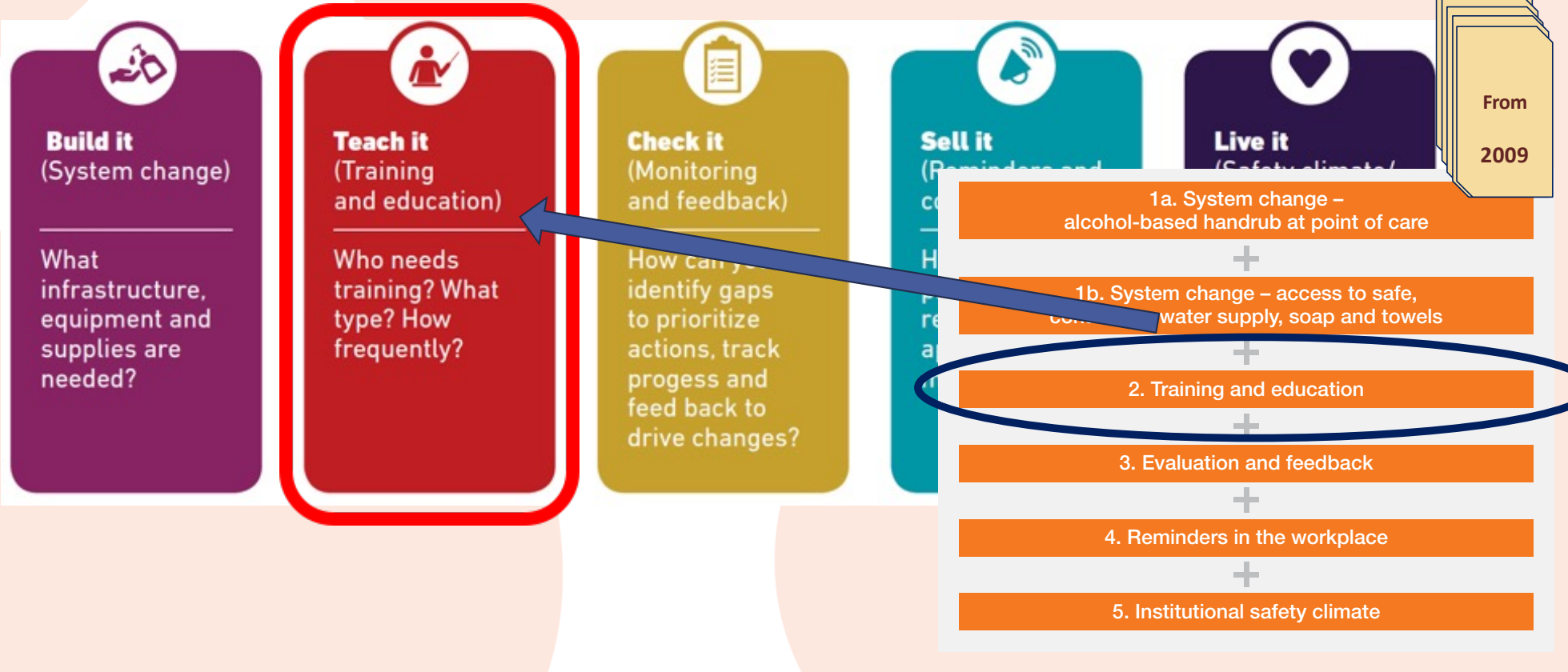
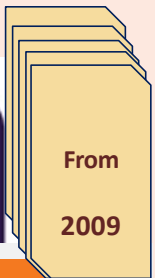


UNIVERSITÉ  
DE GENÈVE

**HUG** Hôpitaux  
Universitaires  
Genève  
L'ESSENTIEL, C'EST VOUS.



# A reminder - training and Education: One of five elements of the Multimodal Improvement Strategy (MMIS)



# Global strategy on infection prevention and control



World Health Organization

<https://www.who.int/publications/m/item/global-strategy-on-infection-prevention-and-control>

Eight strategic directions provide the overall guiding framework for country actions to implement the GSIPC

**1** Political commitment and policies



**2** Active IPC programmes



**3** IPC integration and coordination



**4** IPC knowledge of health and care workers and career pathways for IPC professionals



**5** Data for action



**6** Advocacy and communications



**7** Research and development



**8** Collaboration and stakeholders' support



## IPC knowledge of health and care workers and career pathways for IPC professionals



- a. Develop IPC curricula for health & care workers and link to other associated areas (water safety and occupational health and safety in health care facilities)
- b. Provide IPC education across the entire health education system (pre and post graduate training)
- c. Ensure in-service training for all health and care workers on IPC standards and practices
- d. Ensure a recognized career pathway for IPC professionals and job opportunities empowering their role
- e. Develop approaches & resources for the education and orientation of patients and families

<https://www.who.int/publications/m/item/global-strategy-on-infection-prevention-and-control>

## IPC Core Components

### 3. Education & Training



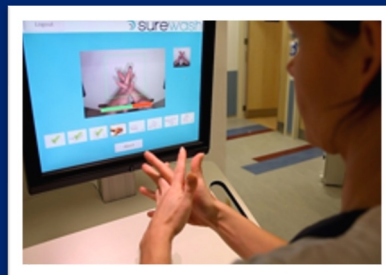
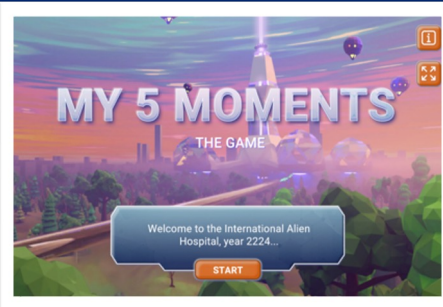
- Recommendation:

**Facility level** IPC education should be in place for all healthcare workers by utilizing team and task-based strategies that are participatory and include bedside and simulation training to reduce the risk of HAI and AMR

- At the **National level**:

IPC programmes should support education and training of the health workforce as one of their core functions

<https://www.who.int/publications/i/item/9789241549929>; Storr J, Twyman A, Zingg W, et al. *ARIC* 2017;6:6.



## Achieving a MMIS – building on training approaches using WHO tools

Use the 5 Moments for hand hygiene observation & feedback forms for educational purposes.

Feedback the results to improve understanding of hand hygiene and foster capacity building

Provide collective or individual feedback to facilitate knowledge building among everyone.

Make use of a multimodal improvement strategy, when training health workers by providing performance feedback, an enabling environment, including good water, sanitation and hygiene services, reminders or a supportive culture.

**An outline of  
WHHD 2024 resources  
& activities**



# The main campaign poster

Available in two colours (orange and blue tones) in all UN languages

*Note:*

A “Question & Answer” style campaign was conceived to remind all target audiences that hand hygiene is as important as ever and to combat campaign fatigue

<https://www.who.int/campaigns/>

[world-hand-hygiene-day/world-hand-hygiene-day-2024](https://www.who.int/campaigns/world-hand-hygiene-day/world-hand-hygiene-day-2024)





# Target audience posters

Health and care workers, IPC professionals, policy/decision makers, the public



<https://www.who.int/campaigns/world-hand-hygiene-day/world-hand-hygiene-day-2024>

منظمة الصحة العالمية

اليوم العالمي لتنظفة الأيدي 2024

لماذا تظل مشاركة المعرفة حول نظافة اليدين بالغة الأهمية؟

لأن نظافة اليدين وسيلة فعالة للغاية في الوقاية من العدوى.

SAVE LIVES  
Clean Your Hands

Organisation mondiale de la Santé

Journée mondiale de l'hygiène des mains 2024

Pourquoi est-il encore si important de diffuser des informations sur l'hygiène des mains ?

Parce que l'hygiène des mains est un moyen efficace d'éviter les infections.

SAVE LIVES  
Clean Your Hands

Всемирная организация здравоохранения

Всемирный день гигиены рук 2024

Почему по-прежнему важно делиться знаниями о соблюдении гигиены рук?

Потому что соблюдение гигиены рук – очень эффективный способ защиты людей от инфекций.

SAVE LIVES  
Clean Your Hands

世界卫生组织

为什么宣讲手卫生知识仍然十分重要？

因为手卫生是保护人们免受感染的非常有效方法。

SAVE LIVES  
Clean Your Hands

Organización Mundial de la Salud

Día Mundial de la Higiene de las Manos 2024

¿Por qué es tan importante difundir conocimientos sobre la higiene de las manos?

Porque la higiene de las manos es una forma muy rentable de lograr las metas de salud pública.

SAVE LIVES  
Clean Your Hands

In Japanese

World Hand Hygiene Day  
2024

Private Organizations for Patient Safety

AMR  
Global Antibiotic Resistance Centre  
AMR 監視ネットワーク

日本感染症学会  
日本公衆衛生学会  
日本臨床感染症学会

ICNJ  
国際感染症看護ネットワーク

日本感染症学会  
日本公衆衛生学会  
日本臨床感染症学会

TTT  
手洗いの達人

手指衛生の知識を共有することは、なぜ重要なのでしょうか？

なぜなら、手指衛生は人々を感染から守る非常に効果的な方法だからです。

SAVE LIVES  
Clean Your Hands

This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition. Poster for 5 May 2024. Health care workers. World Health Organization; 2024. Licence: CC BY-NC-SA 3.0 IGO. This work in Japanese translation is available under the CC BY-NC-SA 3.0 licence. 本ポスターはWHOが作成したものであり、WHOの責任範囲内には含まれません。WHOの許可を得ずに複製、改変、配布することはできません。 原語 (英語) は公衆衛生に関する知識を共有することが重要であり、なぜなら、手指衛生は有害な病原体の伝播を防止し、健康を保護する効果的な方法だからです。 世界保健機関 (WHO) 2024年。クリエイティブ・コモンズ・ライセンス。CC BY-NC-SA 3.0 IGO の下に提供されています。

Thanks to SARAYA

World Hand Hygiene Day  
2024

Private Organizations for Patient Safety

AMR  
Global Antibiotic Resistance Centre  
AMR 監視ネットワーク

日本感染症学会  
日本公衆衛生学会  
日本臨床感染症学会

ICNJ  
国際感染症看護ネットワーク

日本感染症学会  
日本公衆衛生学会  
日本臨床感染症学会

TTT  
手洗いの達人

手指衛生の知識を共有することは、なぜ重要なのでしょうか？

なぜなら、手指衛生の普及は公衆衛生上の課題を解決する、とても費用対効果が高い方法だからです。

SAVE LIVES  
Clean Your Hands

This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition. Poster for 5 May 2024. Policy makers. World Health Organization; 2024. Licence: CC BY-NC-SA 3.0 IGO. This work in Japanese translation is available under the CC BY-NC-SA 3.0 licence. 本ポスターはWHOが作成したものであり、WHOの責任範囲内には含まれません。WHOの許可を得ずに複製、改変、配布することはできません。 原語 (英語) は公衆衛生に関する知識を共有することが重要であり、なぜなら、手指衛生は有害な病原体の伝播を防止し、健康を保護する効果的な方法だからです。 世界保健機関 (WHO) 2024年。クリエイティブ・コモンズ・ライセンス。CC BY-NC-SA 3.0 IGO の下に提供されています。

# Create your very own poster by yourself for WHHD, 5 May 2024

- Create your own version of the World Hand Hygiene Day campaign poster
- Print and post to highlight to colleagues why sharing knowledge about hand hygiene is still so important
- For sharing on social media, please use **#handhygiene** so others active in the campaign can see your posters



<https://www.who.int/campaigns/world-hand-hygiene-day/world-hand-hygiene-day-2024>

# Web, newsletter and email banners - available for all to use

WHHD, 5 May 2024



**World Hand Hygiene Day**  
2024

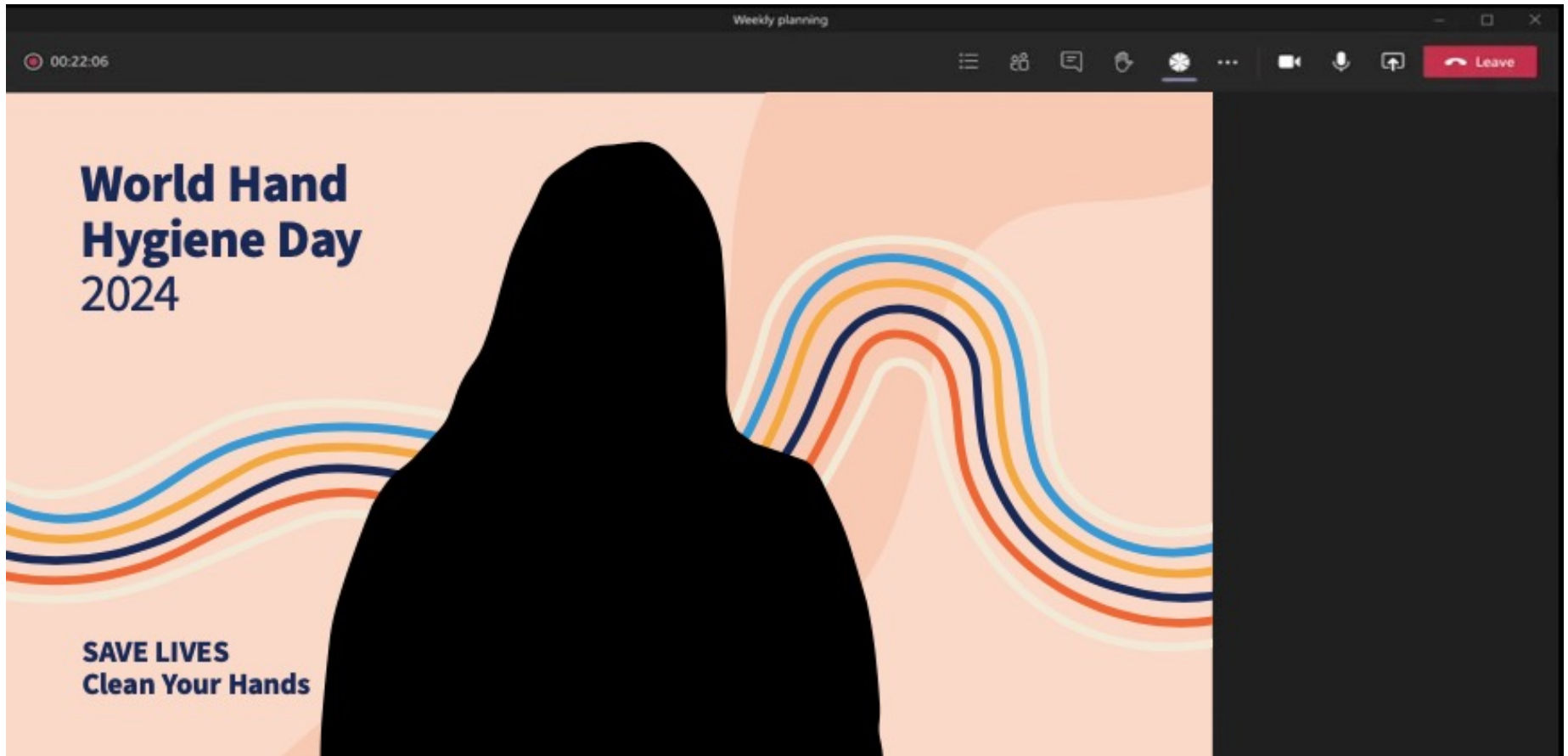
**SAVE LIVES**  
**Clean Your Hands**



<https://www.who.int/campaigns/world-hand-hygiene-day/world-hand-hygiene-day-2024>

# An online video background

WHHD, 5 May 2024



## Short, teaser video - launched January 2024

*Hand hygiene is universal - a quality indicator*



WHHD, 5 May 2024

[https://www.youtube.com/watch?v=Htd41Gj8\\_zg](https://www.youtube.com/watch?v=Htd41Gj8_zg)

Sharing your knowledge about hand hygiene: the opportunity of next 5 May 2024!

# Use the hand hygiene module available in 18 languages!

## Self-paced, Certificate of completion



- Self-paced
- Languages: français -  
Português - العربية  
Русский - Español - 中文  
- Nederlands -  
Soomaaliga - Türk -  
සිංහල - தமிழ் - Shqip -  
македонски - Tetun -  
Қазақ тілі - Հայերեն -  
ქართული ენა

<https://openwho.org/courses/IPC-HH-en>



## Play the game – yourself or with others! Revolutionizing hand hygiene education



In this game, you will be transported to the International Alien Hospital in the year 2224. Your patients are friendly aliens from various planets who are highly sensitive to germs. Oh, and time is starting to unravel! **Can you look after your alien patients and keep Earth safe by performing hand hygiene at the right moments?**

<https://5mgame.lxp.academy.who.int/>

## New – use virtual badge for WHHD, 5 May 2024

### Show your commitment - Be part of the community

- By using this 'new for 2024' badge you can be part of the world hand hygiene day community and always show your support
- This badge was launched in April for you to share with others and to use to highlight that we all continue to raise awareness and come together every year on 5 May
  - *An overlay 'badge' - a transparent background campaign PNG, with a file for people to upload their image and export the overlaid PNG to post*
  - *A solid 'badge' – a PNG file to be uploaded as a standard profile picture or printed at home/in office and cut out to make a real badge!*

**Be proud to be part of WHO's World Hand Hygiene day!**

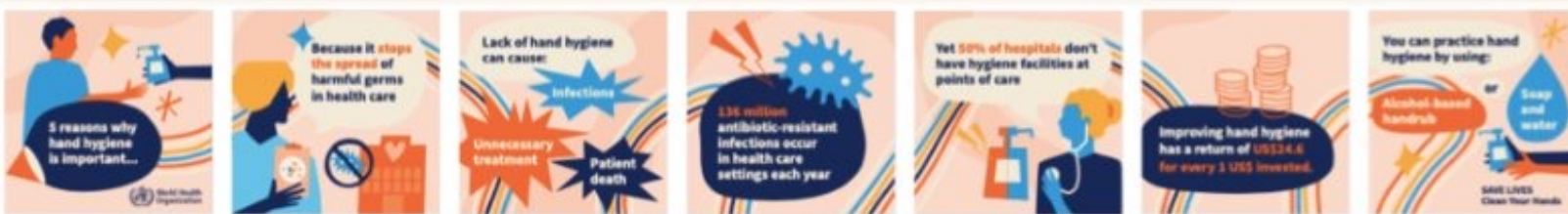


# Make an impact with your voice on social media

WHHD, 5 May 2024 #handhygiene

## Social media examples

5 May 2024



01

02

03

04

05

06

07

# Use these sample plans for on-the-job training

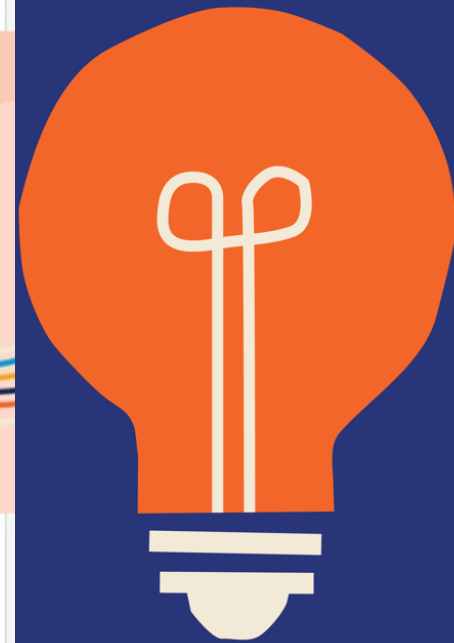
## World Hand Hygiene Day (WHHD) 5 May 2024

Why is sharing  
knowledge about  
hand hygiene still  
so important

Because it helps  
stop the spread  
of harmful germs  
in health care

SAVE LIVES  
Clean Your Hands

Inspiration and instructions for health care facilities  
on undertaking short training activities during the  
working day, in the context of WHHD 2024



<https://www.who.int/campaigns/world-hand-hygiene-day/world-hand-hygiene-day-2024>



# Journal features – examples for you to share

WHHD, 5 May 2024



Home > Journals > Infection Control & Hospital Epidemiology > Volume 45 Issue 4 > World Health Organization World Hand Hygiene Day, 5...

**World Health Organization World Hand Hygiene Day, 5 May 2024. SAVE LIVES: Clean Your Hands campaign: Promoting knowledge and capacity building on infection prevention and control, including hand hygiene, among health and care workers**

Published online by Cambridge University Press: 09 April 2024

Claire Kilpatrick , Ermira Tartari , Miranda Deeves , Didier Pittet  and Benedetta Allegranzi 

Show author details ▾

<https://www.cambridge.org/core/journals/infection-control-and-hospital-epidemiology/article/world-health-organization-world-hand-hygiene-day-5-may-2024-save-lives-clean-your-hands-campaign-promoting-knowledge-and-capacity-building-on-infection-prevention-and-control-including-hand-hygiene-among-health-and-care-workers/A6DDDB46FE8EDC137CB82CC1A4FBB0B1>



**CMI** CLINICAL MICROBIOLOGY AND INFECTION **ESCMID** EUROPEAN SOCIETY OF CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES

Articles Publish Collections About Contact

LETTER TO THE EDITOR | ARTICLES IN PRESS

World Health Organization World Hand Hygiene Day, 5 May 2024. SAVE LIVES: Clean Your Hands campaign: Promoting knowledge and capacity building on infection prevention and control, including hand hygiene, among health and care workers

Claire Kilpatrick • Ermira Tartari  • Miranda Deeves • Didier Pittet • Benedetta Allegranzi

Published: February 29, 2024 • DOI: <https://doi.org/10.1016/j.cmi.2024.02.017>

[https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(24\)00092-2/abstract](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(24)00092-2/abstract)

# Check the web pages regularly!

World Hand Hygiene Day, 5 May 2024

Arabic

Chinese

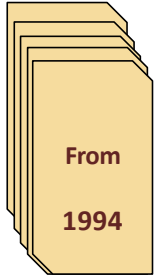
English

French

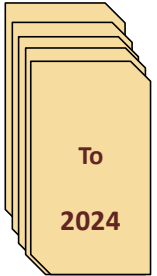
Russian

Spanish





# The Menu for Today



- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- **Strengthening knowledge through advocacy**
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions





# Strengthening knowledge through advocacy



**Maryam Abidova,  
Tajikistan**

**Voice of a midwife**





## **I am Maryam Abidova – a Midwife from Tajikistan**



In 1988, I started working as a cleaner at the maternity department of the National Clinical Research Institute for Reproductive Health. In parallel, I studied and graduated from a medical college in Dushanbe as a midwife in 1992. I have been actively engaged in the development and implementation of the infection prevention and control programme in our clinic. Through IPC, I instruct pregnant and post-partum patients on the preparation for safe delivery and after-birth care, including promoting the WHO hand hygiene tools to others. In my teaching, I focus on the five moments of hand hygiene to prevent infections among women and their newborns. Promoting hand hygiene not only prevents infections but also decreases the need for antibiotic use. Infection control practices can save lives and it is the best way to keep us healthy.

**Michael Borg, Malta**

**Voice of a leader**





**My name is Michael Borg. I am a clinician and director of infection prevention at Mater Dei Hospital, Malta**



My 20-year involvement in infection prevention and control, both in my country and internationally with IFIC and ECDC, have made me realise that IPC is ultimately all about behaviour change. And, whereas education on its own offers no guarantee of behaviour change, it is the first component of every intervention. Healthcare professions need to know why, when and how to perform a procedure to do it safely. I therefore know how important it is to make hand hygiene training available for those working in my hospital, in a way that is evidence based and engaging. A good educational base is a necessity for other behaviour change interventions, such as audit and feedback and availability of alcohol hand rub, to be effective.

My team therefore places a strong emphasis on hand hygiene, not only using lectures but through informal feedback during observational visits as well as innovative tools such as interactive hand hygiene scanners. Having a deep understanding of hand hygiene and sharing that knowledge is so important for patients and health workers. It's part of my responsibilities as an effective IPC leader.

**Johan Dewes**

**Voice of an IPC practitioner**





## **I am Jo – an IPC practitioner that works across many countries, in different environments.**



Since I started working in IPC, I have learned so much – I continue to learn every day. What I have observed about hand hygiene action has led me to recognize its utmost importance in saving lives...

I see nurses, drs, physiotherapists, pharmacists interacting with patients every day in their busy routines, and I recognize that training and coaching them to understand when action is needed within routines is a fundamental part of my role. It not only improves hand hygiene, it actually drives overall quality of care – hand hygiene is an indicator of quality of care and it is my role to ensure that staff are supported to achieve the required standards, be that resources, training or mutual support.

No matter what the environment, may that be in a resource limited situation or a gold standard of care, hand hygiene is as equally important. In my practice, I may have to advise on how to adapt the resources available or teach across a wide spectrum of staff with different languages, cultural considerations and levels of training. I use my teaching and interpersonal skills to promote, enthuse and empower people to clean their hands effectively, knowing that they are contributing towards the safety of patients, staff and visitors.



# How will you get involved, share your activities and evaluate your campaign reach?

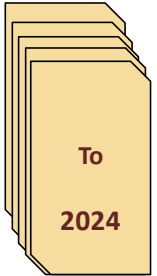
Thank you for your support and for sharing knowledge about why hand hygiene is still so important

World Hand Hygiene Day, 5 May 2024





# The Menu for Today

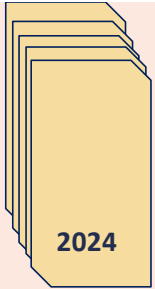


- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- **Let's pause for 1 min and choose the best method**
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions



**Let's pause for 1 minute !**



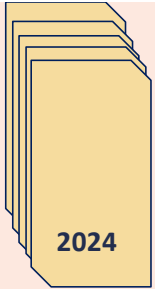


## **Poll question:**

***If you could only use one on the job training approach for hand hygiene training, which would you choose:***



1. An interactive game
2. Classroom-based sessions
3. Peer-peer bedside or simulation sessions
4. A webinar or video show and tell session
5. Online learning
6. Quizzes and other visual resources
7. Other



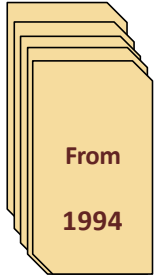
## My Own Answer (Prof D Pittet)

*If you could only use one on the job training approach for hand hygiene training, which would you choose:*

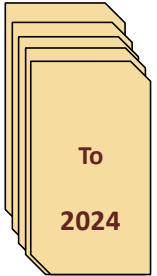


1. An interactive game
2. Classroom-based sessions
3. Peer-peer bedside or simulation sessions
4. A webinar or video show and tell session
5. Online learning
6. Quizzes and other visual resources

**7. Other**



# The Menu for Today

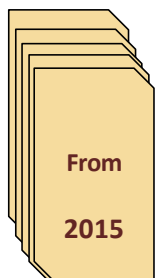


- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- **The Hand Hygiene Train-The-Trainers approach**
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions



UNIVERSITÉ  
DE GENÈVE

**HUG** Hôpitaux  
Universitaires  
Genève  
L'ESSENTIEL, C'EST VOUS.



TRAIN THE  
TRAINERS

Hand Hygiene

# Train-The-Trainers

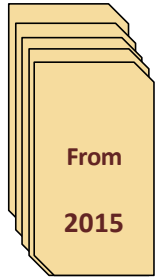


UNIVERSITÉ  
DE GENÈVE

**HUG** Hôpitaux  
Universitaires  
Genève

L'ESSENTIEL, C'EST VOUS.



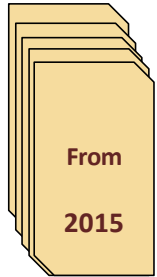


# TRAIN THE TRAINERS in hand hygiene:

Based on the WHO multimodal strategy:

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





# TRAIN THE TRAINERS in hand hygiene:

- Brazil
- Spain
- Mexico
- Malaysia
- South Africa
- Iran
- Thailand



**2019:**

**South Africa**

**Malaysia**

**Vietnam**

**Iran**

**Turkey**

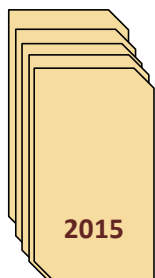
**Jan 2020**

**Japan ... Covid-19**



UNIVERSITÉ  
DE GENÈVE

**HUG** Hôpitaux  
Universitaires  
Genève  
L'ESSENTIEL, C'EST VOUS.



# Rio de Janeiro, Brazil



## Train the Trainers

Rio de Janeiro, 23-25.02.2015

Windsor Atlantica Hotel  
Av. Atlantica, 1020 - Copacabana

Chair: Prof. Didier Pittet, MD, MS, CBE

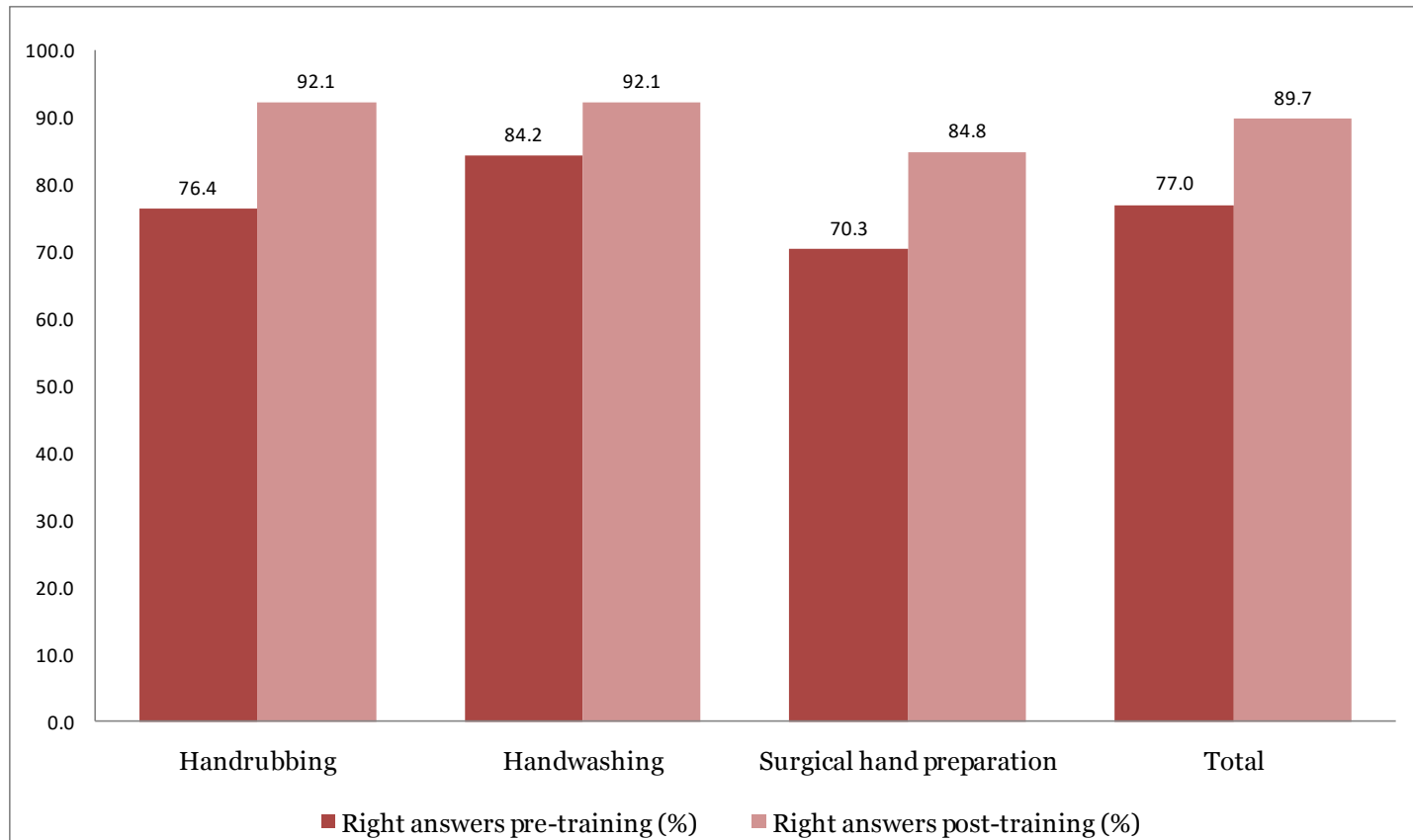
Collaborators/Faculties: Americo Agostinho, RN, MS  
Fernando Bellissimo Rodrigues, MD, PhD

**3-day course**  
**33 IPC experts**

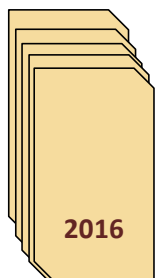
D. Pittet, F. Bellissimo-Rodrigues, A. Agostinho



# Rio de Janeiro, Brazil



**Overall, the rate of correct answers was 77.0% before and 89.7% after the course ( $p < 0.001$ ).**



# Cape Town, South Africa



**3-day course**  
**35 IPC experts**  
**17 countries**

D. Pires, E. Tartari, C. Fankhauser, D. Pittet



**Infection Control  
Africa Network**



# Hands-on Simulation Training Cape Town, South Africa





# Puebla, Mexico



**3-day course**  
**22 IPC experts**

**Agostinho, M. Hernández,**  
**C. Frankhauser, D. Pittet**



**TRAIN THE TRAINERS:**  
**FORMACIÓN DE LÍDERES EN LA IMPLEMENTACIÓN**  
**DE LA ESTRATEGIA MULTIMODAL DE LA OMS**  
**PARA LA MEJORA EN LA HIGIENE DE LAS MANOS**

La lucha contra la resistencia a los  
antibióticos está en tus manos.

9-12 Abril 2017 | Puebla | México  
Hotel Quinta Real Puebla



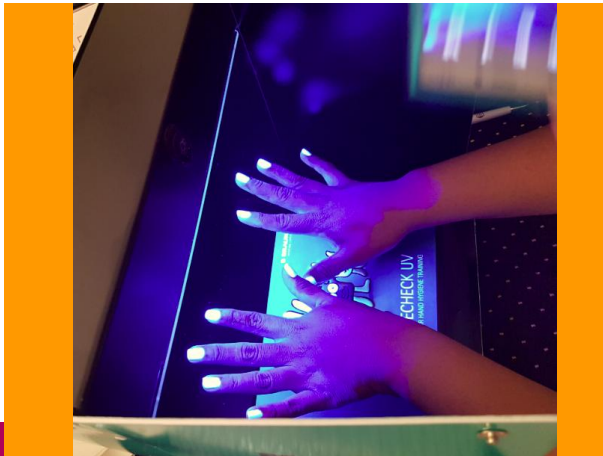
**UNIVERSITÉ**  
**DE GENÈVE**

**HUG** Hôpitaux  
Universitaires  
Genève

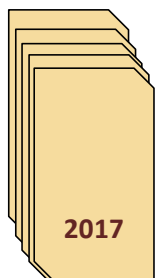
L'ESSENTIEL, C'EST VOUS.



# Puebla, Mexico







# Kuching, Malaysia



- Lead and supported by Ministry of Health
- Great political commitment
- Participating: 14 states, 28 hospitals, 3 Ministry of Higher Education
- > 80 participants



# Adapt to Adopt

...and let people be creative



- Adaptation to local needs and expectations:
  - ✓ **Brazil:** emphasis in broader IPC subjects
  - ✓ **Madrid:** harmonization of HH monitoring practices
  - ✓ **South Africa:** launching of HH programmes in different low-resource settings
  - ✓ **Mexico:** the first example of a domino effect
  - ✓ **Malaysia:** creation of a regional HH program

<https://www.youtube.com/watch?v=5tgH0uTqqcE&t=192s>

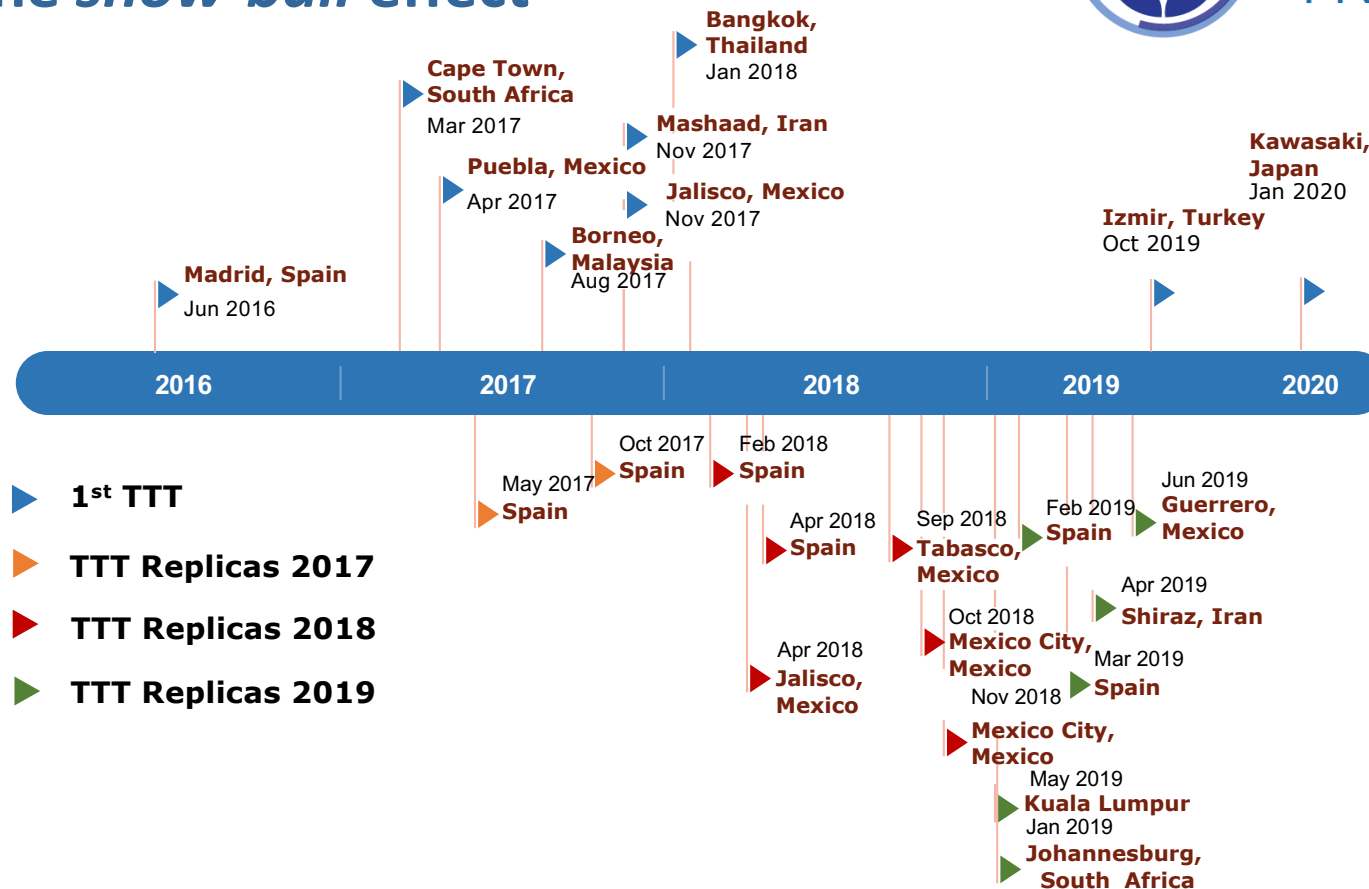




# Train-the-Trainers 2016-2019: the *snow-ball* effect



TRAIN THE  
TRAINERS





# Conclusions



- Clean Care is Safer Care is a unique, impactful & cost-effective campaign, inviting professionals, societies, and countries to Adapt it for full success (“Adapt to Adopt”)
- Train-The-Trainers (TTT) programs are very successful worldwide and promote a “domino effect”
- TTT-trained IPC experts around the world can conduct local and national TTT training once TTT-trained and certified
- TTT for Hand Hygiene developed at the University of Geneva has become a model for others TTTs worldwide in other fields of IPC

# 1<sup>st</sup> Clean Hospitals TTT Jan 2024 in Kuala Lumpur

Main Organizers:



Program Endorsed by:



Collaborators:



Supported by:



## CLEAN HOSPITALS

Healthcare Environmental Hygiene (HEH)

Train-the-Trainers Workshop

23<sup>rd</sup> – 24<sup>th</sup> Jan 2024 8:00 – 17:30 (MYT)

National Institutes of Health, Setia Alam, Malaysia

CPD POINTS  
WILL BE  
AWARDED

Supported by **SARAYA** a member of Clean Hospitals

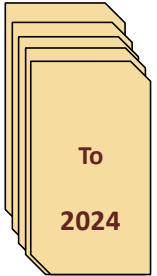


# 1<sup>st</sup> Clean Hospitals TTT



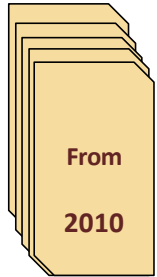


# The Menu for Today



- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- **The Hand Hygiene Excellence Award (HHEA)**
- 10 years of excellence: lessons from Award Winning hospitals
- Conclusions





Hand Hygiene  
Excellence Award

Hand Hygiene

# The journey to excellence

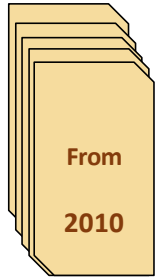


UNIVERSITÉ  
DE GENÈVE

**HUG** Hôpitaux  
Universitaires  
Genève  
L'ESSENTIEL, C'EST VOUS.

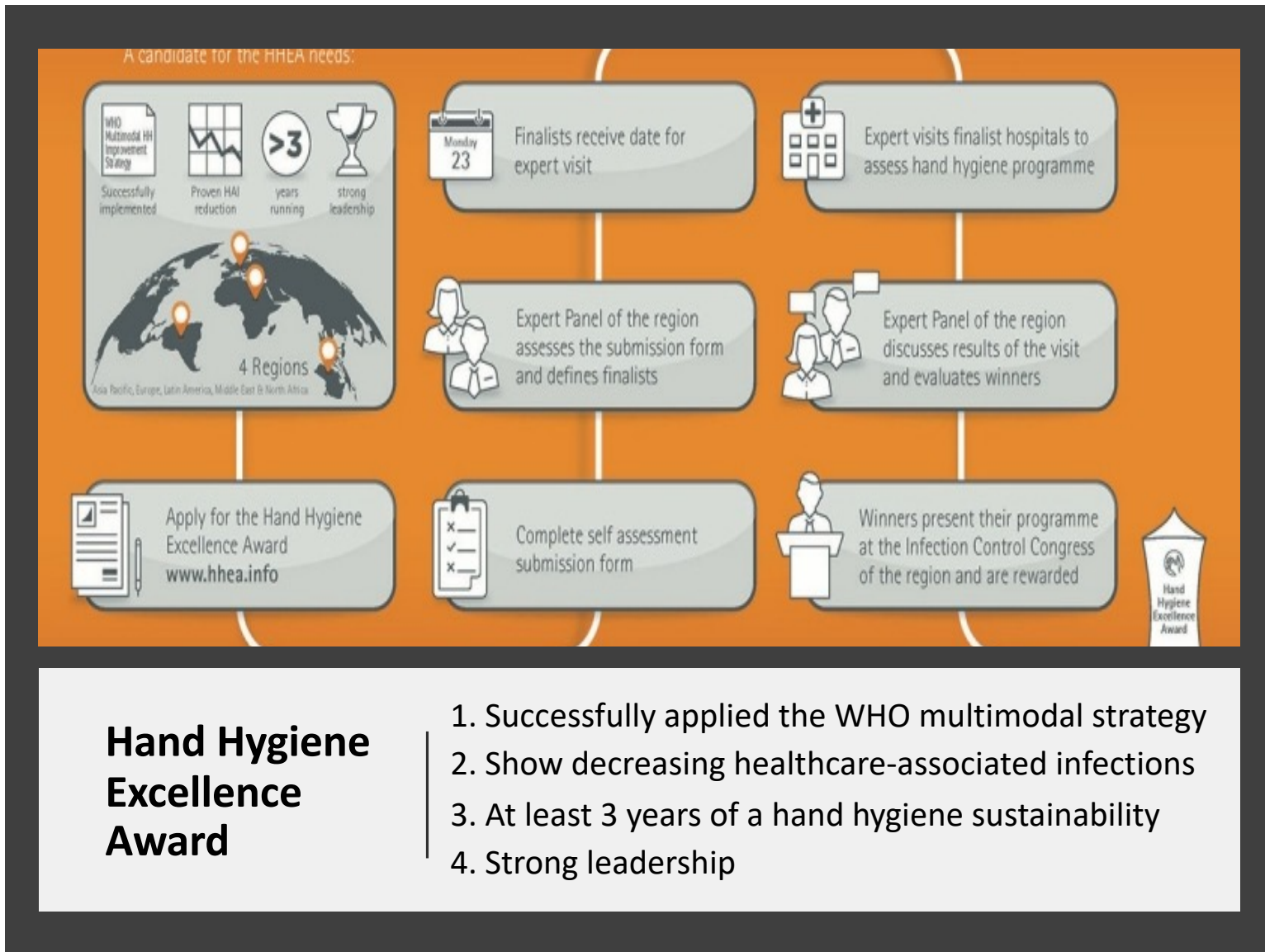
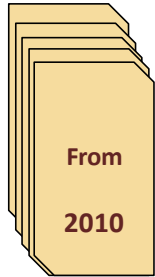


# Hand Hygiene Excellence Award



- Awarding active and engaged IPC professionals
- Sharing expertise
- Identifying role models & encouraging leadership
- Be part of a global movement to drive excellence





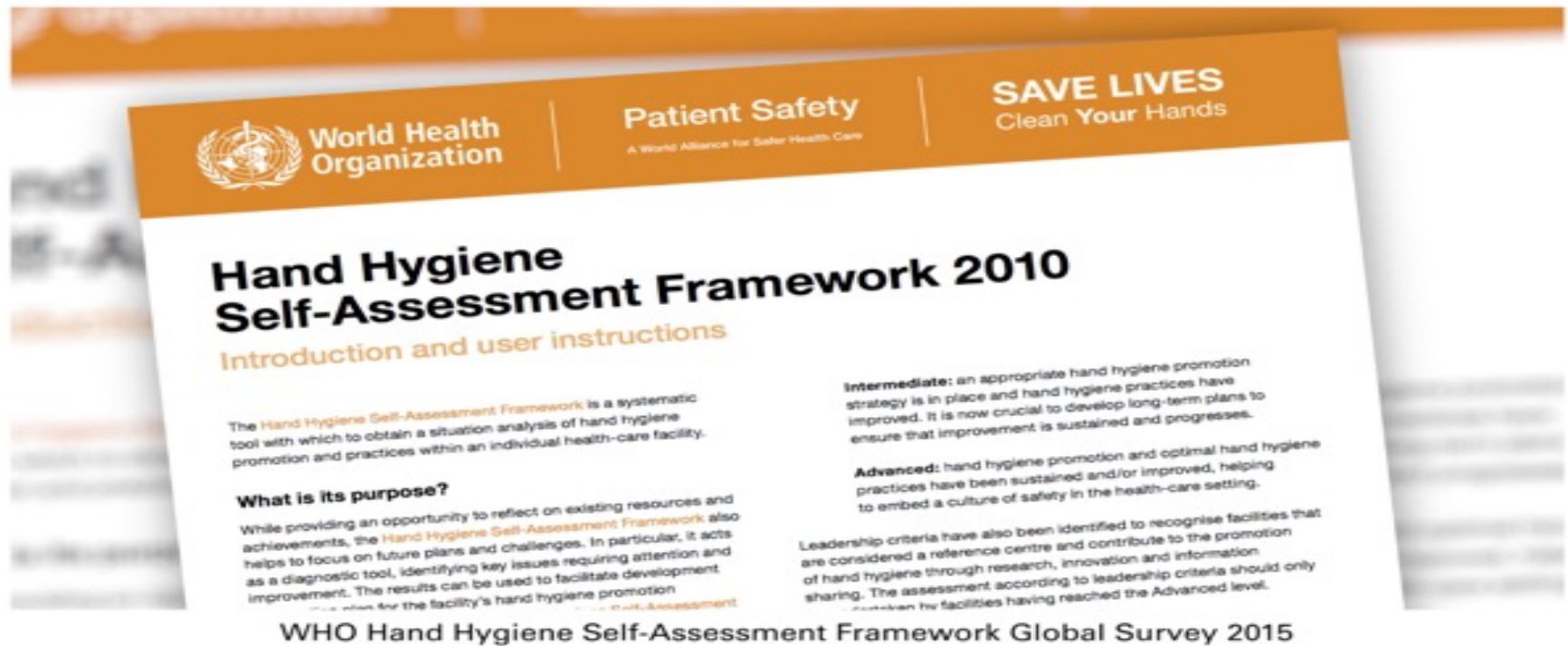
## Hand Hygiene Excellence Award

1. Successfully applied the WHO multimodal strategy
2. Show decreasing healthcare-associated infections
3. At least 3 years of a hand hygiene sustainability
4. Strong leadership

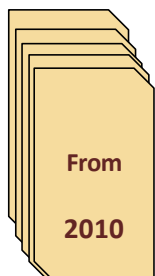


From  
2010

See explanatory video at:  
[www.tinyurl.com/HHSAFsurvey](http://www.tinyurl.com/HHSAFsurvey)



# Hand Hygiene Self-Assessment Framework



## 27 Indicators

- Represent the key elements for each of the 5 components
- Based on evidence & expert consensus
- Validated scoring system

[http://www.who.int/gpsc/5may/hhsa\\_framework/en/](http://www.who.int/gpsc/5may/hhsa_framework/en/)

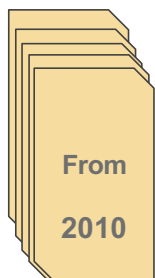
Stewardson, Allegranzi, Perneger, Attar, Pittet D. Testing the WHO hand hygiene self-assessment framework for usability and reliability. J Hosp Infect. 2013; 83(1):30-5



UNIVERSITÉ  
DE GENÈVE

HUG Hôpitaux  
Universitaires  
de Genève

L'ESSENTIEL, C'EST VOUS.



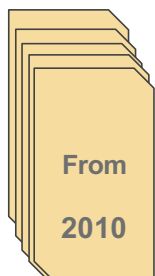
*Facilities awarded  
with the  
Hand Hygiene  
Excellence Award  
in South-East Asia  
and  
Western Pacific,  
in Europe,  
and in Latin  
America*



**WHO Hand Hygiene  
Self-assessment  
Framework**



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



From  
2010

Hand Hygiene



Asia Pacific Hand Hygiene  
Excellence Award

Asia Pacific Hand Hygiene  
Innovation Award

2013



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



#### Expert Review Panel

**Professor Didier Pittet (Chair)**

Director  
Infection Control Program & WHO Collaborating Centre on  
Patient Safety  
Hôpitaux Universitaires de Genève  
Geneva, Switzerland

**Professor Wing-Hong Seto**

Chief Infection Control Officer, Hospital Authority  
Senior Consultant Microbiologist & Director  
Quality Management, Queen Mary Hospital  
WHO Collaborating Centre for Infection Control  
Hospital Authority, Hong Kong

**Dr Moi-Lin Ling**

Director, Infection Control Department  
Singapore General Hospital &  
President, Asia Pacific Society of Infection Control

**Professor Lindsay Grayson**

Director, Infectious Diseases & Microbiology  
Austin Health  
Victoria, Australia

**Ms Patricia Ching**

Infection Control Specialist  
Infection Control & Quality Improvement Department  
Queen Mary Hospital, Hong Kong

**Ms Glenys Harrington RN, RM**

Infection Control Consultant  
Infection Control Consultancy (ICC)  
Melbourne, Australia



Hand Hygiene  
Excellence Award

From  
2010



Hand Hygiene  
Excellence Award

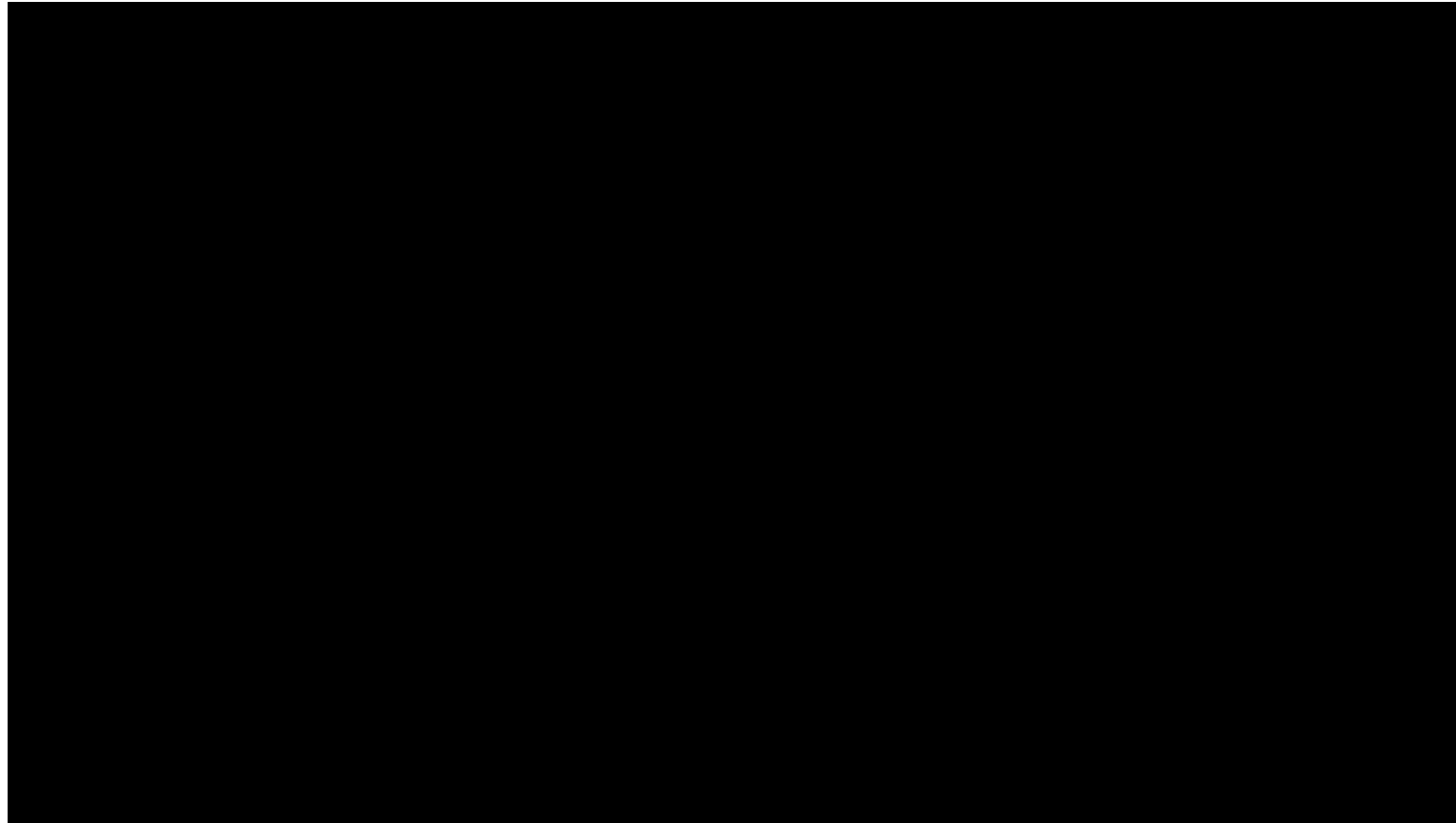
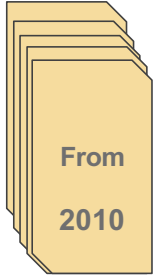
Apply now : [www.hhea.info](http://www.hhea.info)



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



## Hand Hygiene Excellence Award Video



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



Hand Hygiene  
Excellence Award

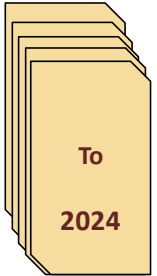
## Conclusions: the Hand Hygiene Excellence Award



- Is unique, comprehensive, and proposed worldwide
- Contributes to the harmonization of hand hygiene practices
- Provides new promotional activities for improving hand hygiene practices
- It helps building role model hospitals, in some instance at national level
- Offers great opportunities to create regional and national networks
- Is part of a global movement
- Is the best hand hygiene excellence promotion program as of today
- Results in improvement in sustainable hand hygiene promotion and reduction of healthcare-associated infections and antimicrobial resistance
- Is cost-effective and saves lives

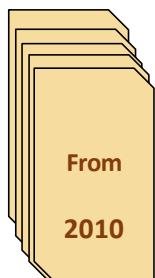


# The Menu for Today



- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- **10 years of excellence: lessons from Award Winning hospitals**
- Conclusions





**Asia Pacific** **2010**  
[Read more about Asia Pacific >](#)



**Europe** **2012**  
[Read more about Europe >](#)



**América Latina** **2014**  
[Read more about América Latina \(ES\) >](#)



**Middle East & North Africa**  
[Read more about MENA >](#) **2017**

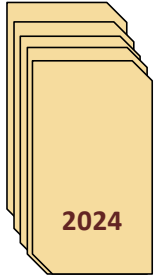


**Sub-Saharan Africa**  
[Read more about Sub-Sah](#) **2017**



**América Latina Brazil**  
[Read more about América La](#) **2014**

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



RESEARCH

Open Access



# Ten years of hand hygiene excellence: a summary of outcomes, and a comparison of indicators, from award-winning hospitals worldwide

Ermira Tartari<sup>1,2\*</sup>, Jacopo Garlasco<sup>3</sup>, Marcela Hernández-de Mezerville<sup>4</sup>, Moi Lin Ling<sup>5</sup>, Hilda Márquez-Villarreal<sup>6</sup>, Wing-Hong Seto<sup>7</sup>, Anne Simon<sup>8</sup>, Thomas-Jörg Hennig<sup>9</sup> and Didier Pittet<sup>10</sup>





# Objectives of the study

Ten years of hand hygiene excellence: a summary of outcomes, and a comparison of indicators, from award-winning hospitals worldwide

- To evaluate the extent of hand hygiene practices in healthcare facilities awarded the Hand Hygiene Excellence Award (HHEA), using the Hand Hygiene Self-Assessment Framework (HHSAF)
- To explore how each element of the WHO's Multimodal Improvement Strategy (MMIS) influences hand hygiene practices in these facilities
- To investigate the correlation between HHSAF scores, hand hygiene compliance rates, and alcohol-based handrub use

# Methodology

RESEARCH

Open Access

Ten years of hand hygiene excellence: a summary of outcomes, and a comparison of indicators, from award-winning hospitals worldwide



- **Retrospective Analysis:** HHEA data 2010-2021, including hand hygiene compliance, ABHR consumption, and HHSAF scores
- **Data Alignment:** Adjusted for time-lag in reporting by predicting current year's hand hygiene compliance and ABHR consumption based on past trends using linear regression
- **Correlation Analysis:** Examined the relationship between hand hygiene compliance, ABHR consumption, and HHSAF scores using Kendall's tau and investigated potential non-linear patterns with Locally Estimated Scatterplot Smoothing (LOESS), and logistic regression models



Asia-Pacific		Europe		Latin America	
Country	Number of participating hospitals	Country	Number of participating hospitals	Country	Number of participating hospitals
<a href="#">Thailand</a>	5	<a href="#">Czech Republic</a>	3	Brazil	24
<a href="#">Malaysia</a>	3	<a href="#">Switzerland</a>	3	<a href="#">Ecuador</a>	18
<a href="#">Cambodia</a>	2	<a href="#">Belgium</a>	1	Mexico	10
China	2	<a href="#">Denmark</a>	1	Colombia	5
<a href="#">Indonesia</a>	2	Ireland	1	Chile	2
<a href="#">Turkey</a>	2	Portugal	1	Argentina	1
Viet Nam	2	Romania	1		
Australia	1	Spain	1		
Brunei Darussalam	1				
<a href="#">India</a>	1				
<a href="#">Japan</a>	1				
Maldives	1				
Philippines	1				
Sri Lanka	1				

RESEARCH Open Access

Ten years of hand hygiene excellence: a summary of outcomes, and a comparison of indicators, from award-winning hospitals worldwide



## Countries and regions of participating healthcare facilities

97 HCFs participated from 28 countries

3 Regions:

- Europe
- Asia Pacific
- Latin America



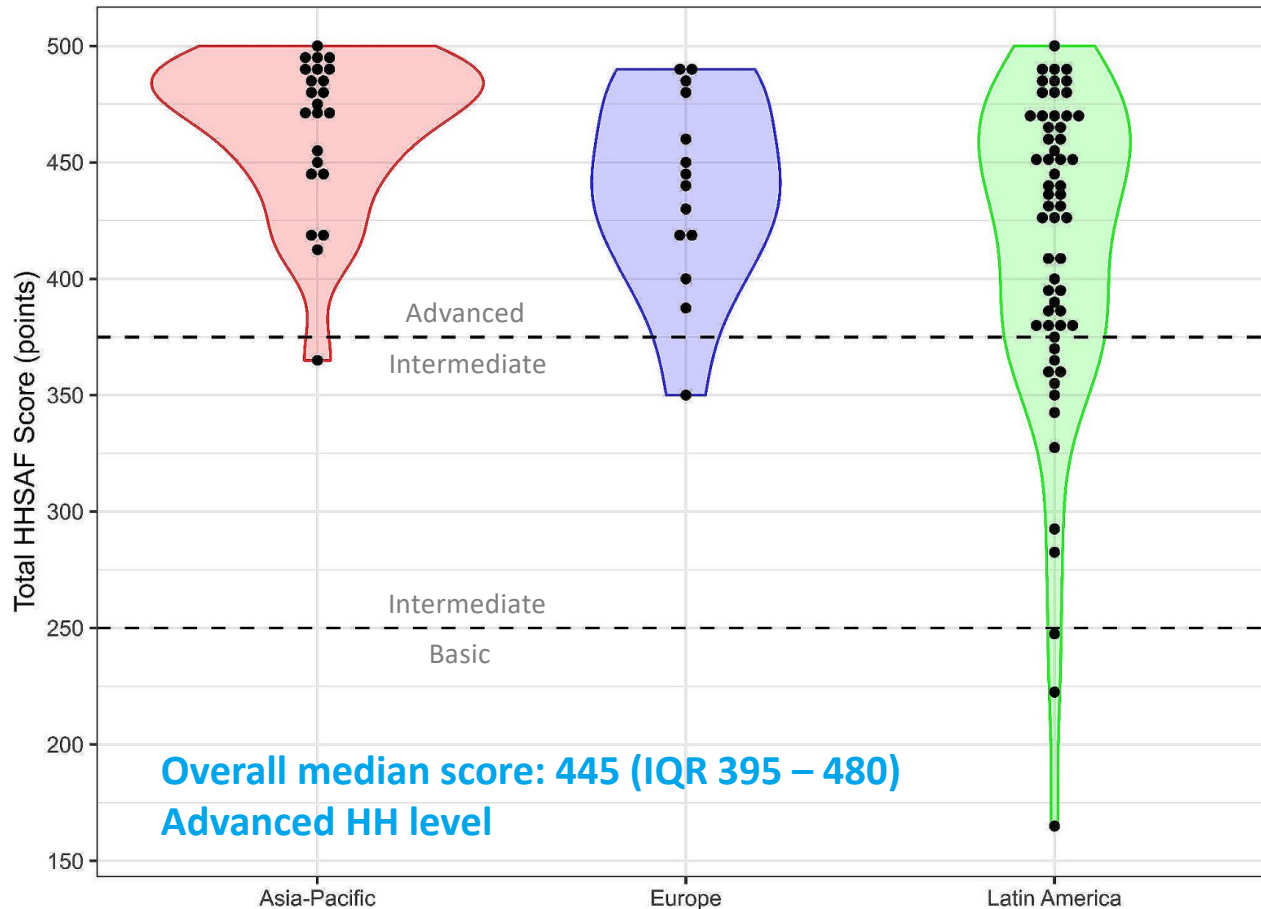
Ten years of hand hygiene excellence: a summary of outcomes, and a comparison of indicators, from award-winning hospitals worldwide



# General characterisation of the hospitals participating in the HHEAs

Variable	Overall (n=97)	2017-2019 (n=51)	2021-2023 (n=46)	p-value
Hospital type				<b>0.047</b>
General/University/Teaching	50/85 (58.8)	29/41 (70.7)	21/44 (47.7)	
Private	35/85 (41.2)	12/41 (29.3)	23/44 (52.3)	
Region				<b>0.305</b>
Asia-Pacific	23/97 (23.7)	12/51 (23.5)	11/46 (23.9)	
Europe	14/97 (14.4)	10/51 (19.6)	4/46 (8.7)	
Latin America	60/97 (61.9)	29/51 (56.9)	31/46 (67.4)	

# HHSAF: scores by region



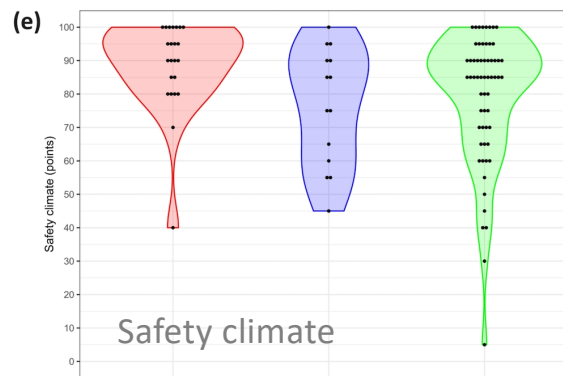
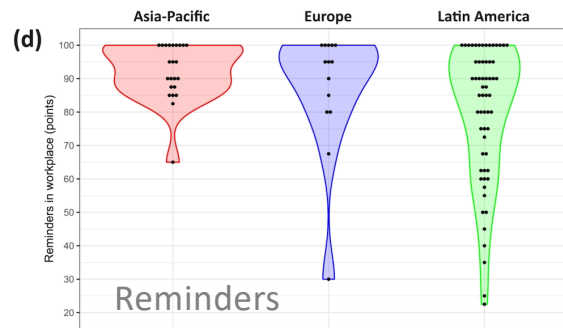
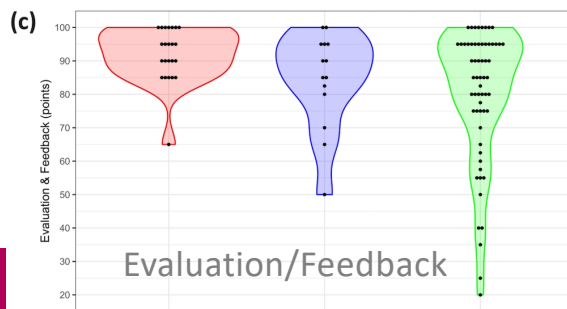
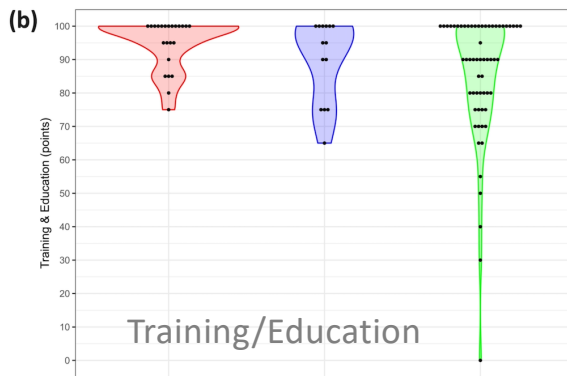
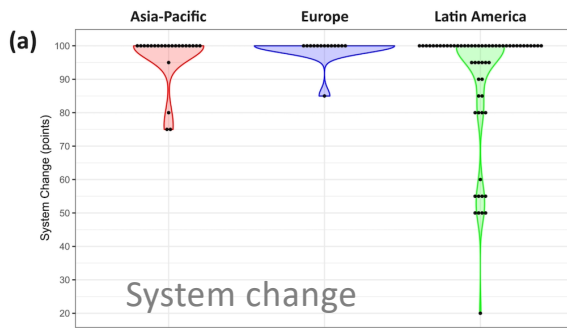
Violin plots of the distribution of HHSAF total scores by region. Each dot (statistical unit) represents a HHEA winning healthcare facility. Dashed lines indicate the Basic/Intermediate (250 points) and Intermediate/Advanced (375 points) thresholds established by the HHSAF 2010

Asia-Pacific:  
median 475, IQR 447.5-490

Europe:  
median 442.5, IQR 417.5-475

Latin America:  
median 432.5, IQR 380-467.5

**Fig. 2** Violin plots of the distribution of HHSAF total scores by region. Each dot (statistical unit) represents a HHEA winning healthcare facility. Dashed lines indicate the basic/intermediate (250 points) and intermediate/advanced (375 points) thresholds established by the HHSAF 2010



RESEARCH

Open Access



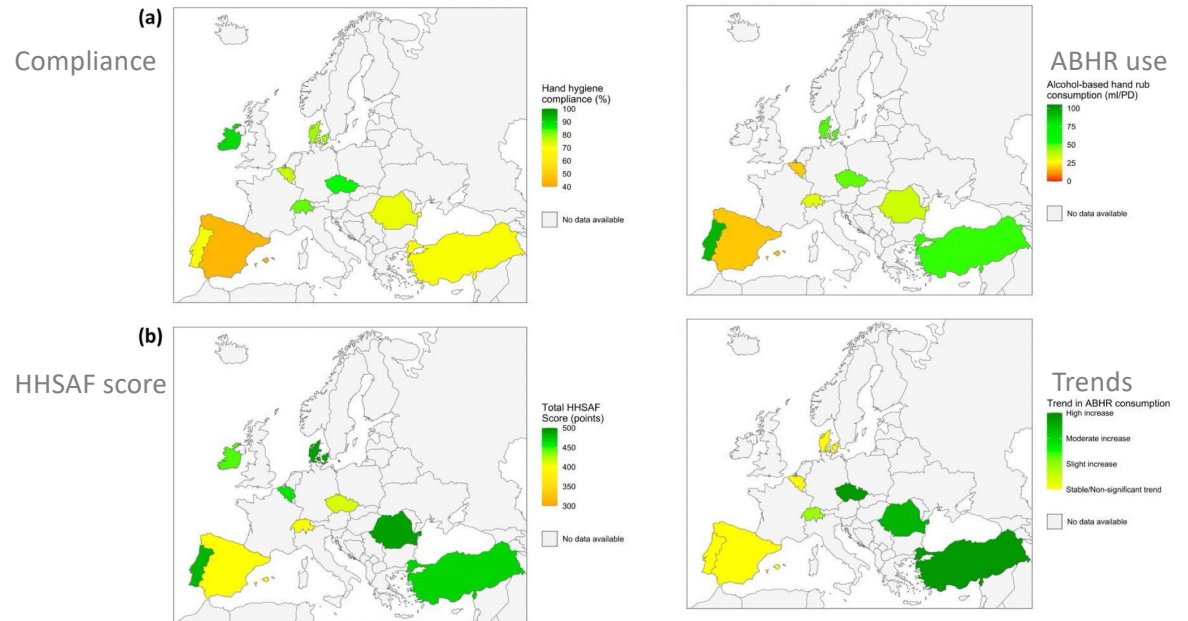
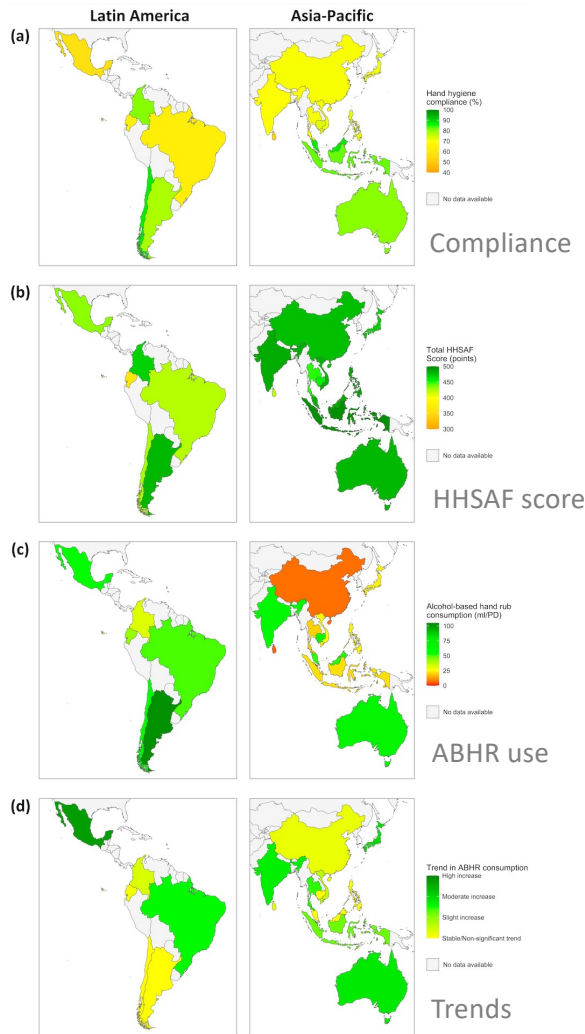
Ten years of hand hygiene excellence: a summary of outcomes, and a comparison of indicators, from award-winning hospitals worldwide

## Distribution of scores for single MMIS elements of the HHSAF by region

**Distribution of scores for single MMIS elements of the HHSAF by region.** The violin plots represent scores obtained for System Change (a), Training and Education (b), Evaluation and Feedback (c), Reminders in Workplace (d) and Safety Climate (e).

Each dot (statistical unit) represents a healthcare facility applying for the HHEA.

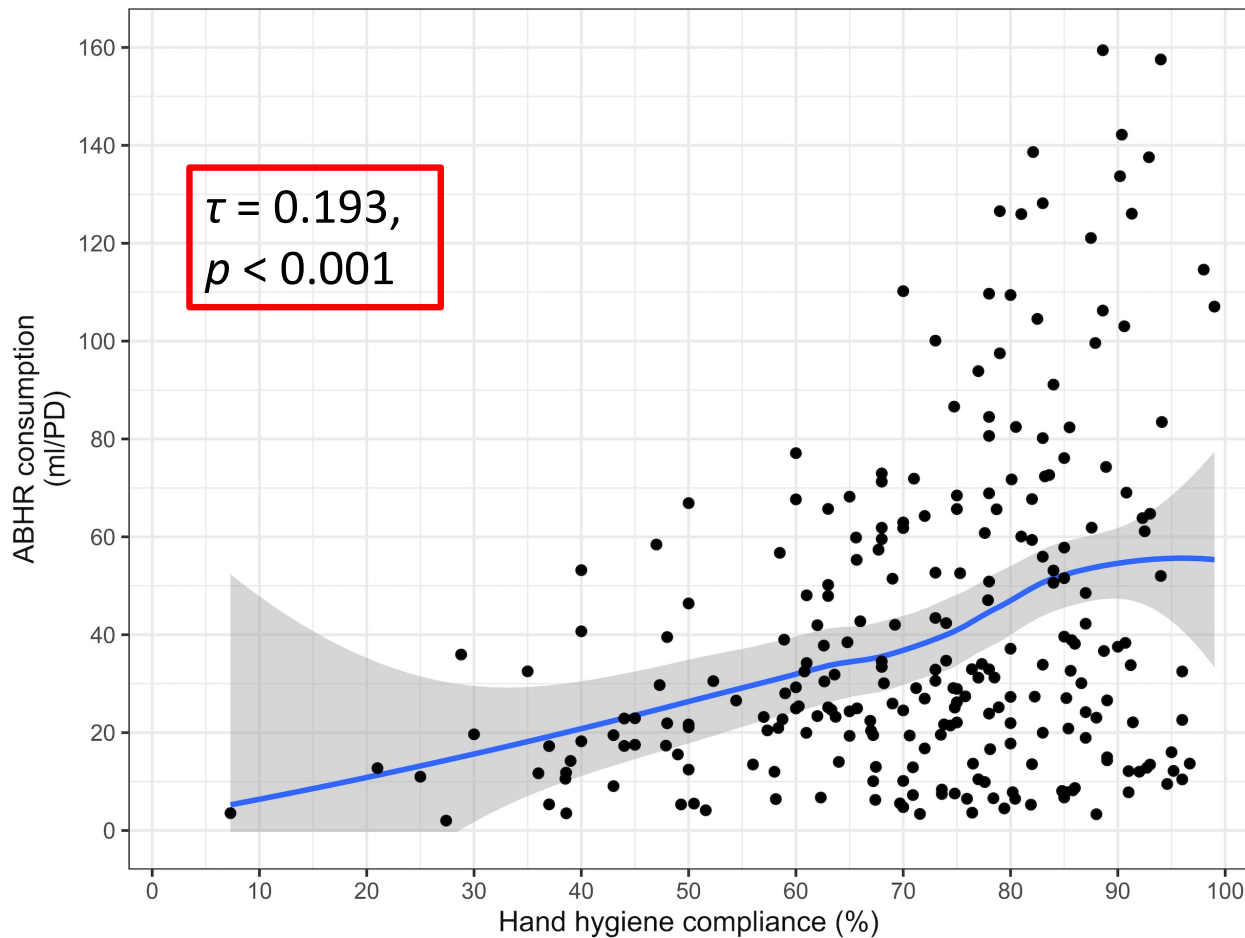
# Geographical representation of average hand hygiene performances in countries participating in HHEA



Maps of hand hygiene performance by country in Latin America, Asia-Pacific and Europe for each parameter (a: hand hygiene compliance, b: HHSFAF scores, c: ABHR consumption, and d: trends) is shown.

Data show inter-regional differences in hand hygiene compliance

## Hand hygiene compliance correlates with ABHR consumption



- ABHR use in the range between 30 and 60 ml/PD were associated with compliance rates of approximately 70-80%

- Low hand hygiene compliance rates (below 40%) were associated with ABHR consumption values lower than 30 ml/PD

**Scatterplot representation of ABHR consumption in relation to hand hygiene compliance.** Each dot represents a single observation (point data from one year in a single hospital). A non-linear fit of point data (blue line) is provided, along with its 95% confidence interval (shaded area), according to the LOESS regression



Ten years of hand hygiene excellence: a summary of outcomes, and a comparison of indicators, from award-winning hospitals worldwide

## Cut-offs to discriminate high- versus low-ABHR consumption groups within the central tertile of the distribution of predicted ABHR data

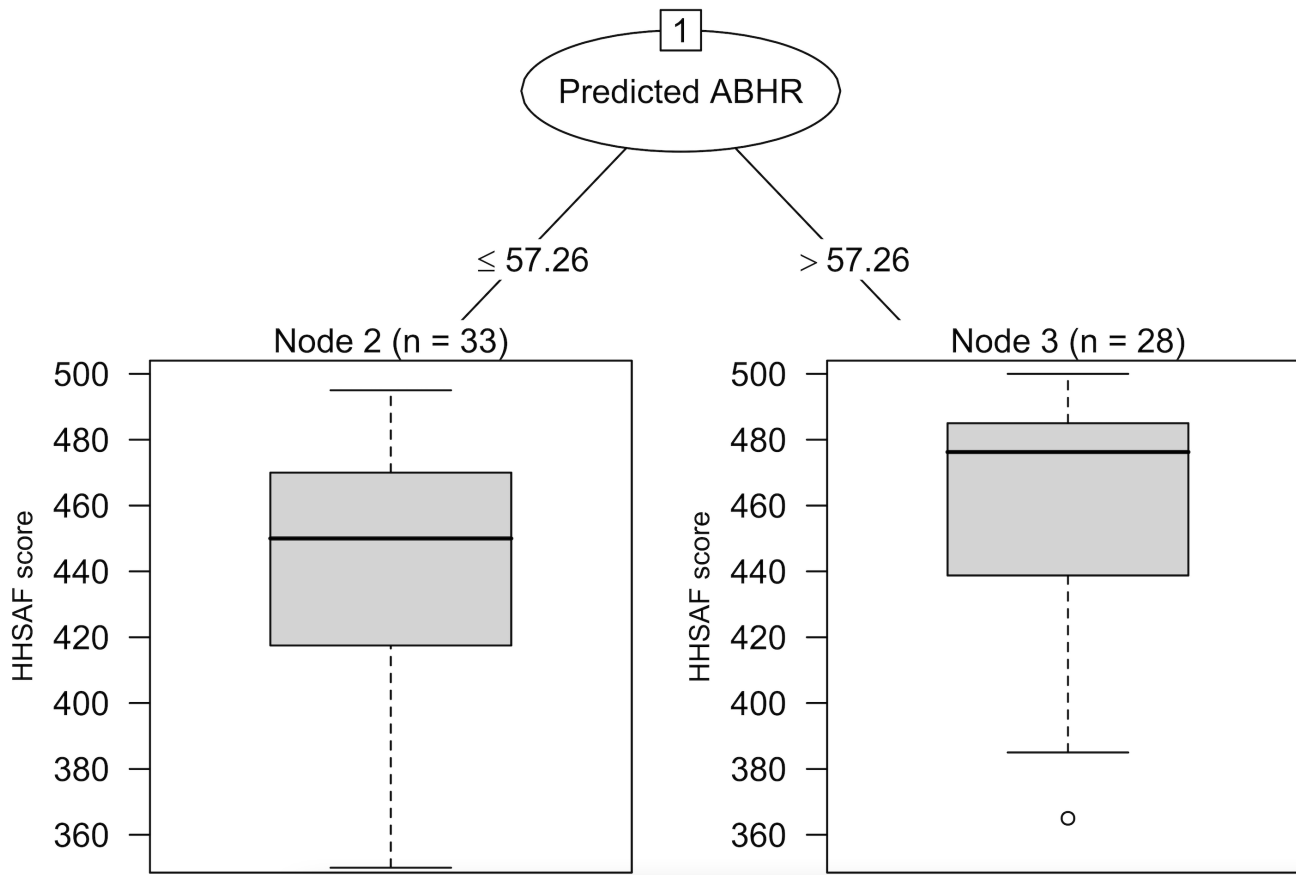
### Logistic regression models

For each cutoff  $i$  of ABHR consumption (dependent variable), hospitals were divided in 2 groups (high vs low) and the logistic regression was built. The table shows the odds ratio ( $OR_{10}$ ) of belonging to the high-consumption group for every 10-point increase in the HHSAF score (independent variable).

Values reported in bold indicate cut-off values for which statistical significance is approached ( $i = 58-59$ ).

Cut-off (ml/PD)	$OR_{10}$ [CI 95%]	p-value	Cut-off (ml/PD)	$OR_{10}$ [CI 95%]	p-value
30	1.090 [0.956 - 1.244]	0.198	49	1.074 [0.944 - 1.222]	0.280
31	1.097 [0.963 - 1.249]	0.165	50	1.074 [0.944 - 1.222]	0.280
32	1.097 [0.963 - 1.249]	0.165	51	1.074 [0.944 - 1.222]	0.280
33	1.084 [0.953 - 1.232]	0.220	52	1.074 [0.944 - 1.222]	0.280
34	1.082 [0.952 - 1.230]	0.226	53	1.074 [0.944 - 1.222]	0.280
35	1.082 [0.952 - 1.230]	0.226	54	1.074 [0.944 - 1.222]	0.280
36	1.083 [0.953 - 1.230]	0.224	55	1.074 [0.944 - 1.222]	0.280
37	1.083 [0.953 - 1.230]	0.224	56	1.074 [0.944 - 1.222]	0.280
38	1.068 [0.940 - 1.212]	0.313	57	1.074 [0.944 - 1.222]	0.280
39	1.068 [0.940 - 1.212]	0.313	<b>58</b>	<b>1.124 [0.981 - 1.288]</b>	<b>0.092</b>
40	1.068 [0.940 - 1.212]	0.313	<b>59</b>	<b>1.124 [0.981 - 1.288]</b>	<b>0.092</b>
41	1.068 [0.940 - 1.212]	0.313	60	1.092 [0.955 - 1.249]	0.198
42	1.068 [0.940 - 1.212]	0.313	61	1.028 [0.902 - 1.172]	0.675
43	1.068 [0.940 - 1.212]	0.313	62	1.059 [0.925 - 1.213]	0.408

## Cut-off to discriminate high- versus low-ABHR consumption hospital groups: around 57 ml/patient-day



RESEARCH

Open Access

Ten years of hand hygiene excellence: a summary of outcomes, and a comparison of indicators, from award-winning hospitals worldwide



**Partitioning algorithm according to HHSAF score and ABHR consumption.** To ensure the presence of an appropriate sample size, a minimum number of 20 observations was required in each group. The best partition was obtained for an ABHR consumption threshold slightly above 57 ml/PD. Computed by the R package “partykit” (version 1.2-20)

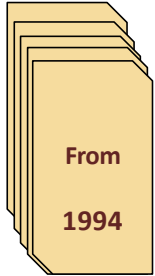
Ten years of hand hygiene excellence: a summary of outcomes, and a comparison of indicators, from award-winning hospitals worldwide



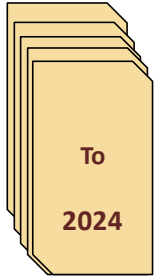
# Conclusions

- **Global impact:** The Hand Hygiene Excellence Award (HHEA) has driven hand hygiene improvements globally for a decade
- **High implementation levels:** Facilities exhibited strong hand hygiene practices (median HHSAF score: 445), surpassing the WHO's advanced threshold
- **COVID-19 pandemic effect:** Marked increase in hand hygiene metrics and ABHR consumption during 2019-2021, reflecting pandemic response efforts
- System change scored highest among all elements of the MMIS
- Institutional safety climate scored the lowest, indicating area for improvement
- Median hand hygiene compliance was 70% with variations from hospital to hospital
- **Increased ABHR consumption** is associated with higher levels of hand hygiene compliance and compliance could be predicted from cut-off levels of ABHR use, at least at high use of ABHR (around 60 ml/PD). It also predicts appropriate hand hygiene implementation





# The Menu for Today

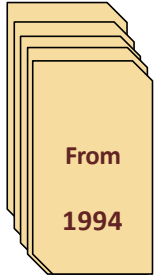


- Why hand hygiene ? – What is the solution ?
- Why is sharing knowledge about hand hygiene still so important ?
- Facts and figures in 2024
- Why do we all need a World Hand Hygiene Day (WHHD):  
outline of WHHD 2024 resources and activities
- Strengthening knowledge through advocacy
- Let's pause for 1 min and choose the best method
- The Hand Hygiene Train-The-Trainers approach
- The Hand Hygiene Excellence Award (HHEA)
- 10 years of excellence: lessons from Award Winning hospitals
- **Conclusions**

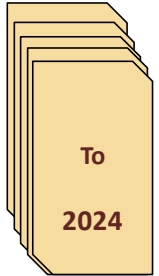


UNIVERSITÉ  
DE GENÈVE

**HUG** Hôpitaux  
Universitaires  
Genève  
L'ESSENTIEL, C'EST VOUS.



# Conclusions



- Hand hygiene remains critical in IPC and the multimodal implementation strategy is key and applicable worldwide
- Sharing knowledge about hand hygiene remains important
- WHHD brings all of us together and provides resources and activities to share and facilitate improvements
- The Hand Hygiene Train-The-Trainers & Excellence Award (HHEA) approaches are successful at both local and global level
- Lessons from Award Winning hospitals around the world are many and indicate that compliance with best practices can be predicted by a validated scoring system (HHSAF) and the volume of alcohol-based handrub used per patient-day of care

# Learning Objectives

1. Review the evidence supporting successful promotion of hand hygiene best practices over the past three decades
2. Explain the ongoing significance of sharing knowledge about hand hygiene and comprehend the resources and activities planned for World Hand Hygiene Day 2024
3. Review the evidence of success behind Hand Hygiene Train-The-Trainers and Excellence Award approaches
4. Learn valuable, evidence-based insights from award-winning hospitals regarding their experiences and achievements in hand hygiene excellence over the past decade

[www.webbertraining.com/schedulep1.php](http://www.webbertraining.com/schedulep1.php)

May 9, 2024

**CONCERNS AND FRUSTRATIONS ABOUT THE PUBLIC REPORTING OF DEVICE-RELATED HEALTHCARE-ASSOCIATED INFECTIONS**

Speaker: **Prof. Sarah MacEwan**, The Ohio State University College of Medicine

*(European Teleclass)*

May 14, 2024

**DESIGNING AN OPTIMAL INFECTION PREVENTION SERVICE**

Speaker: **Jude Robinson**, NHS England

*(European Teleclass)*

May 21, 2024

**MATERIAL COMPATIBILITY FALLING THROUGH THE CRACKS?**

Speaker: **Jake Jennings**, Materials Science Lead, Research and Development, GAMMA

May 23, 2024

**INFECTION PREVENTION AND CONTROL CHALLENGES AND PRACTICAL SOLUTIONS IN “OTHER” CONGREGATE LIVING SETTINGS**

Speaker: **Barbara Shea**, William Osler Health System, Canada

*(FREE Teleclass ... Broadcast live from the IPAC Canada conference)*

June 10, 2024

**APPLYING AN EQUITY LENSE TO IPAC POLICIES AND PRACTICE**

Speaker: **Dr. Jeya Nadarajah**, Public Health Ontario

Thanks to Teleclass Education  
**PATRON SPONSORS**



[diversey.com](http://diversey.com)



[virox.com](http://virox.com)



[gamahealthcare.com](http://gamahealthcare.com)