



UNIVERSITÉ
DE GENÈVE

FACULTÉ DE MÉDECINE

Securing Patient Safety,
Bruxelles - Sept 2019

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



WHO Collaborating Centre
on Patient Safety
Infection Control & Improving Practices

Clean Care is Safer Care :

“The role of hand hygiene and hospital environmental hygiene”

Professor Didier Pittet, MD, MS,

Infection Control Programme

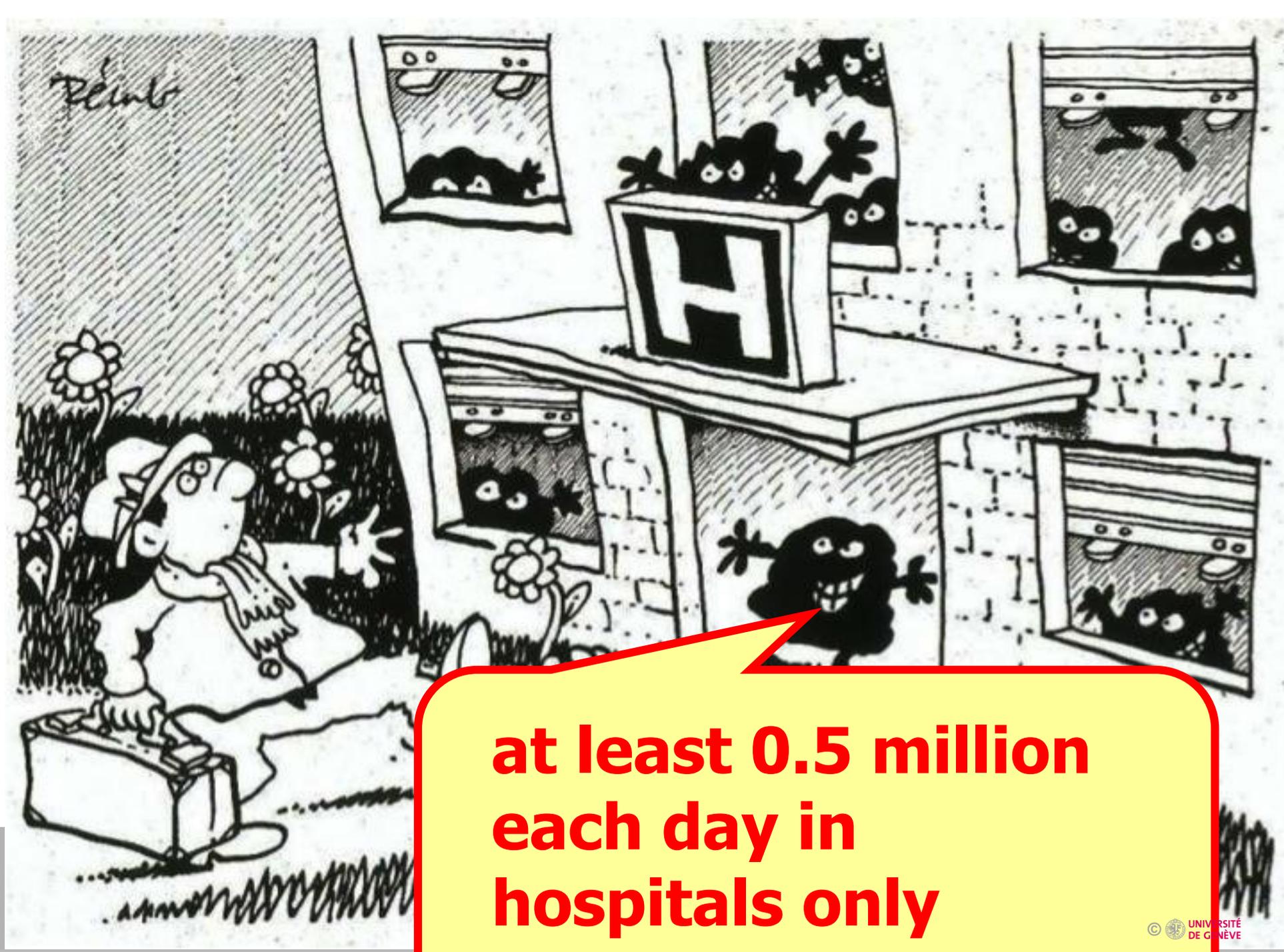
WHO Collaborating Centre on Patient Safety

University of Geneva Hospitals and Faculty of Medicine, Switzerland

Lead Adviser, *SAVE LIVES: Clean Your Hands*

World Health Organization (WHO) Service Delivery & Safety.

WHO Headquarter, Geneva, Switzerland



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

Hospital infections

500,000 patients each day

16 million **deaths** every year

Daily impact of hospital infections in the USA....

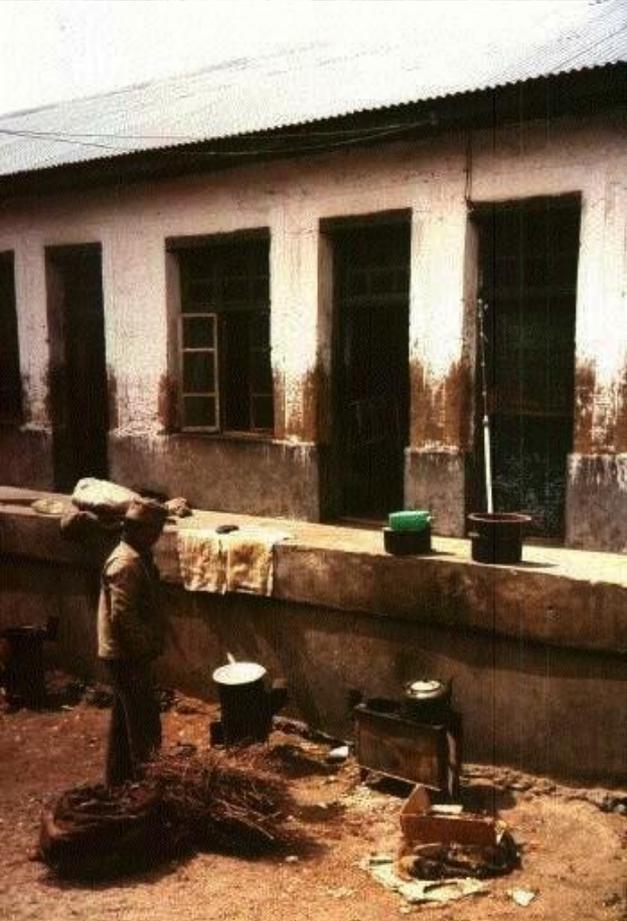
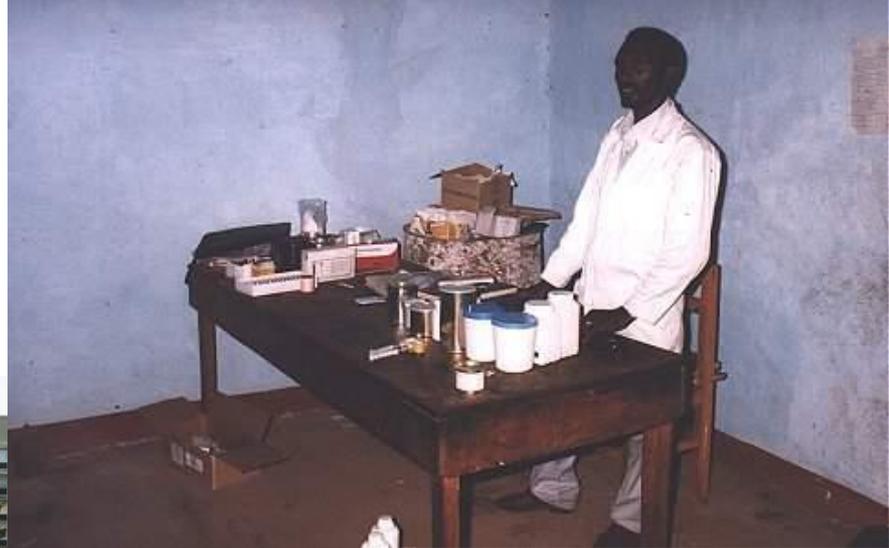


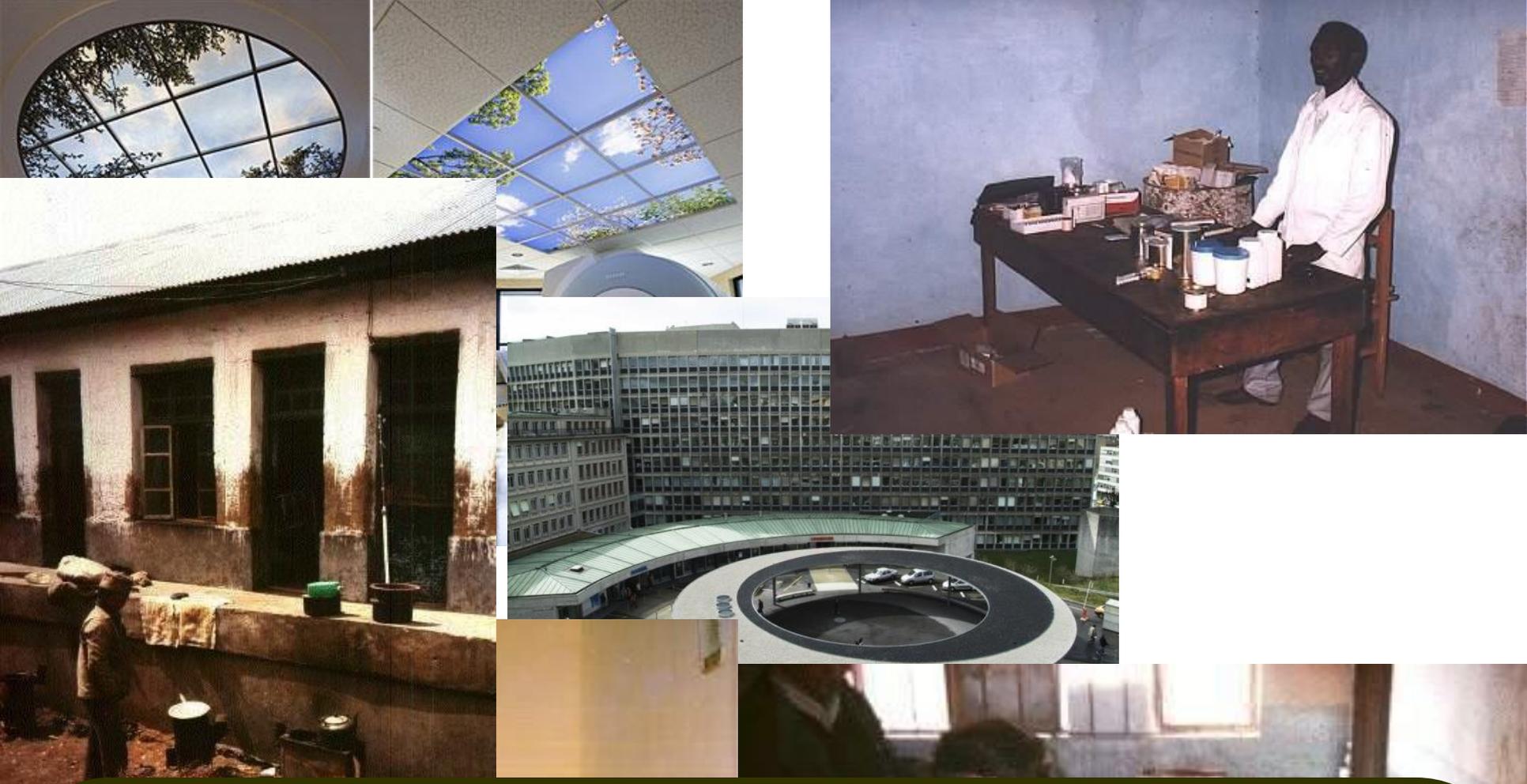
Healthcare-associated infections

A silent
pandemic









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

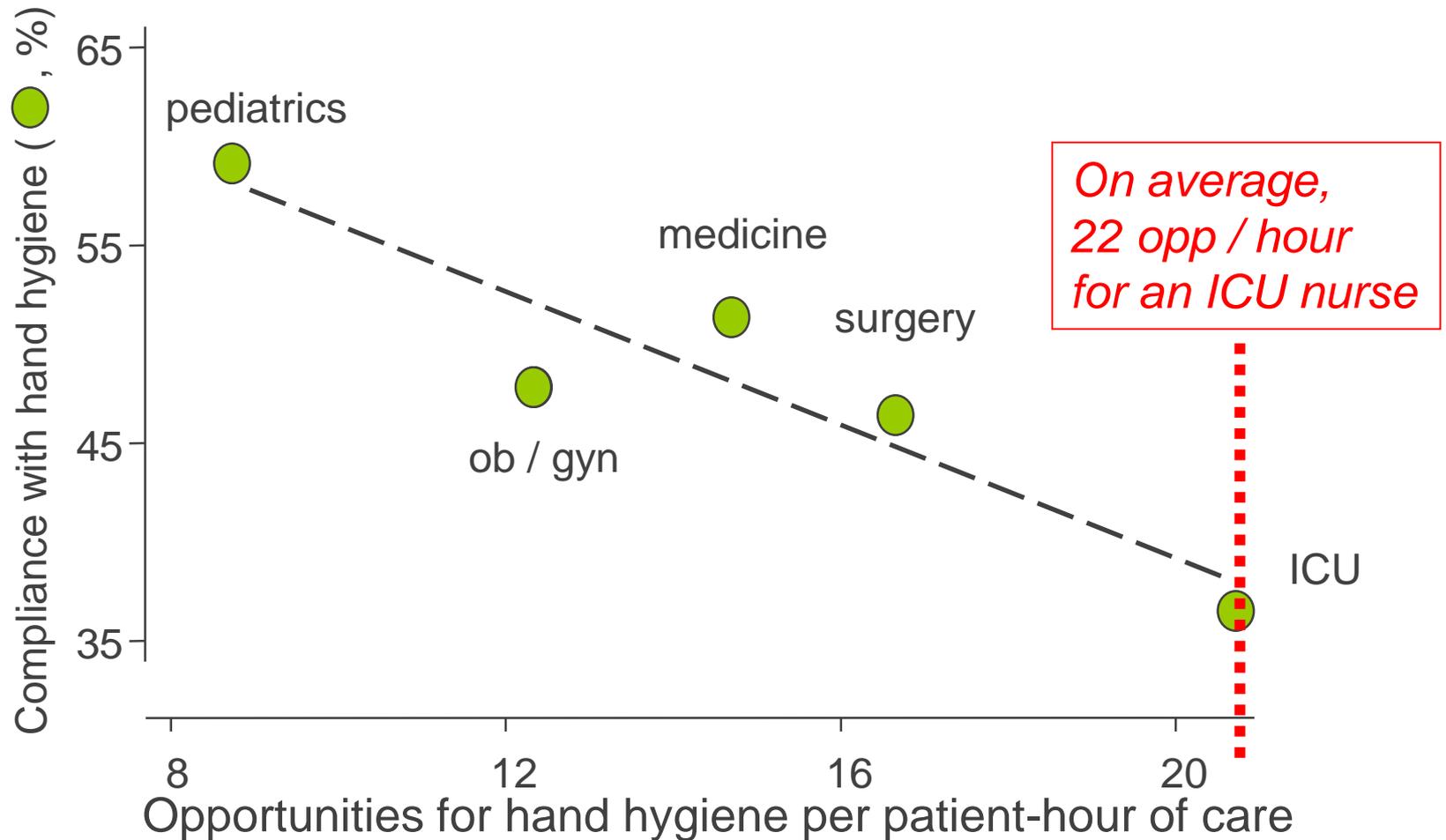


Compliance < 40%



Why ?

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



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

Time constraint = major obstacle for hand hygiene



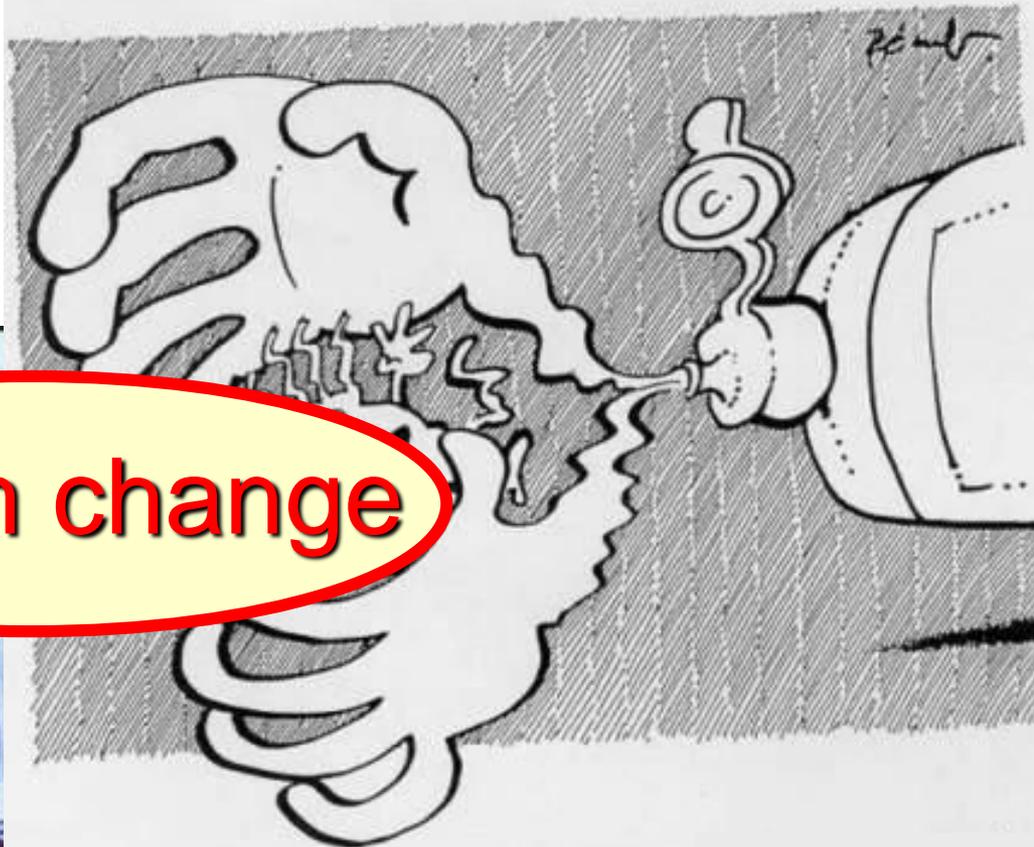
handwashing
soap + water

1 to 1.5 min

alcohol-based
hand rub

15 to 20 sec

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



System change



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

Alcohol-based
hand rub at
the point of
care



HUG



*The University
of Geneva
Hospitals, 1995*

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

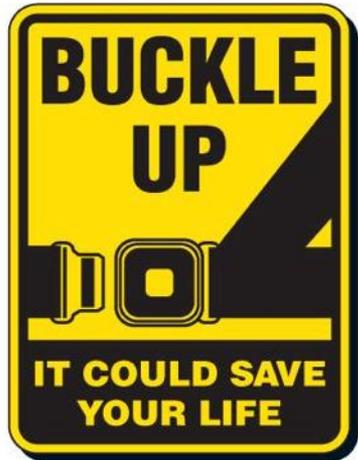
Would it work ?

**Would it make
a difference ?**

Mashhad, Iran
April 2015



Changing behavior ... a universal challenge

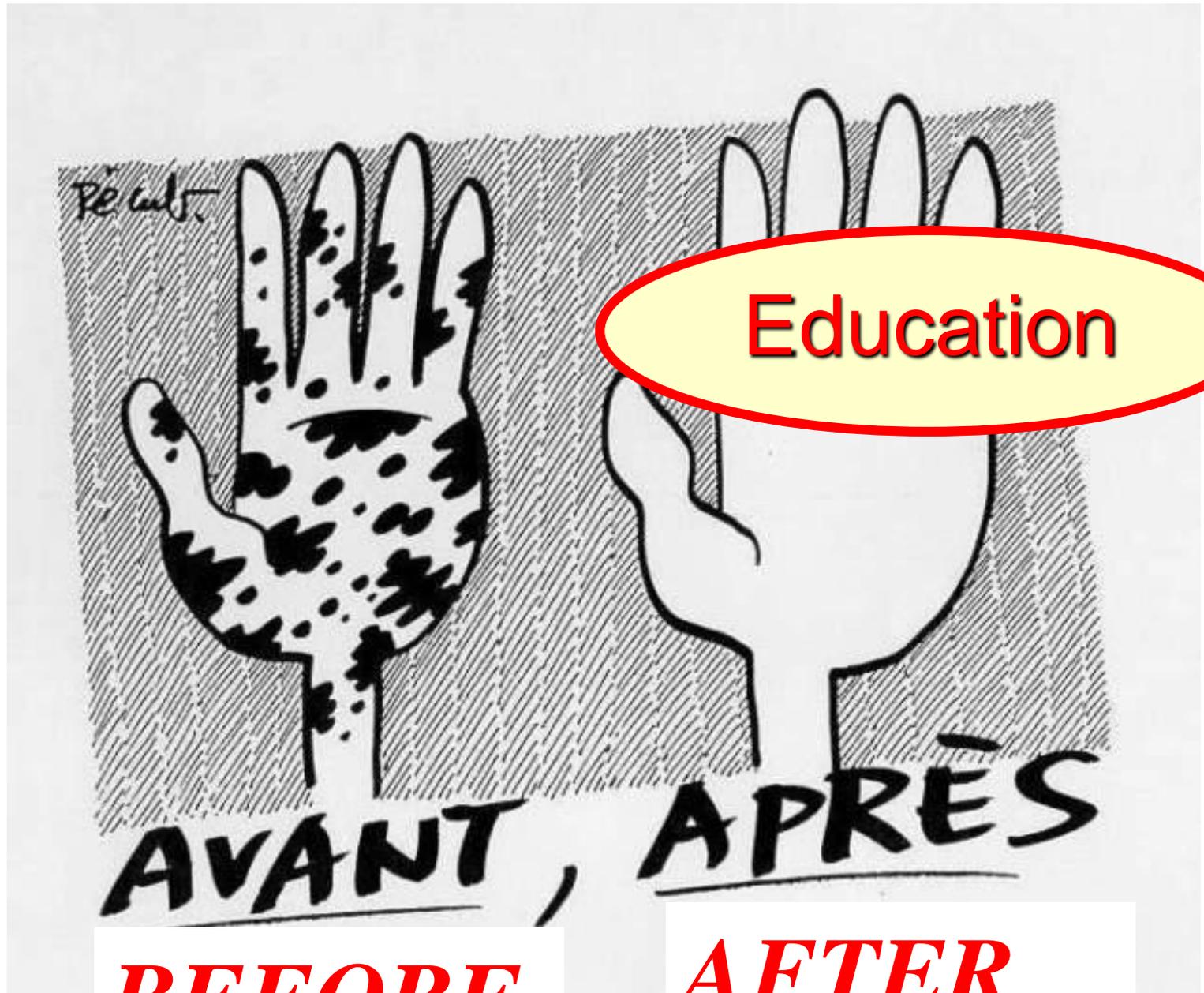


multimodal

behavior

change

strategy



Education

AVANT,

APRÈS

BEFORE

AFTER

« Talking walls »





LES MAINS QUI SAVENT
SE LAVENT



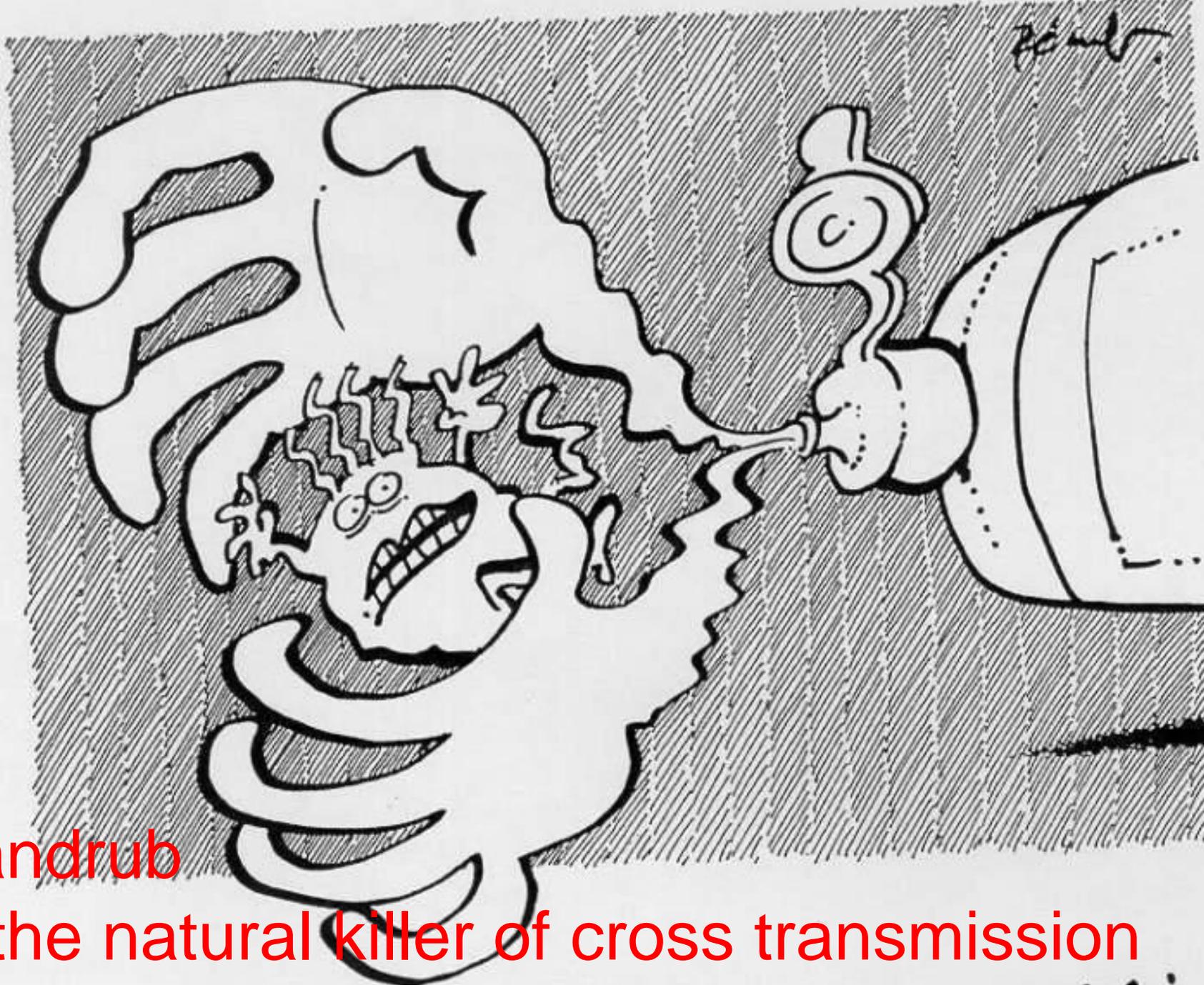
LES MAINS QUI
SAVENT,
SE LAVENT!



LES MAINS QUI
SAVENT,
SE LAVENT!



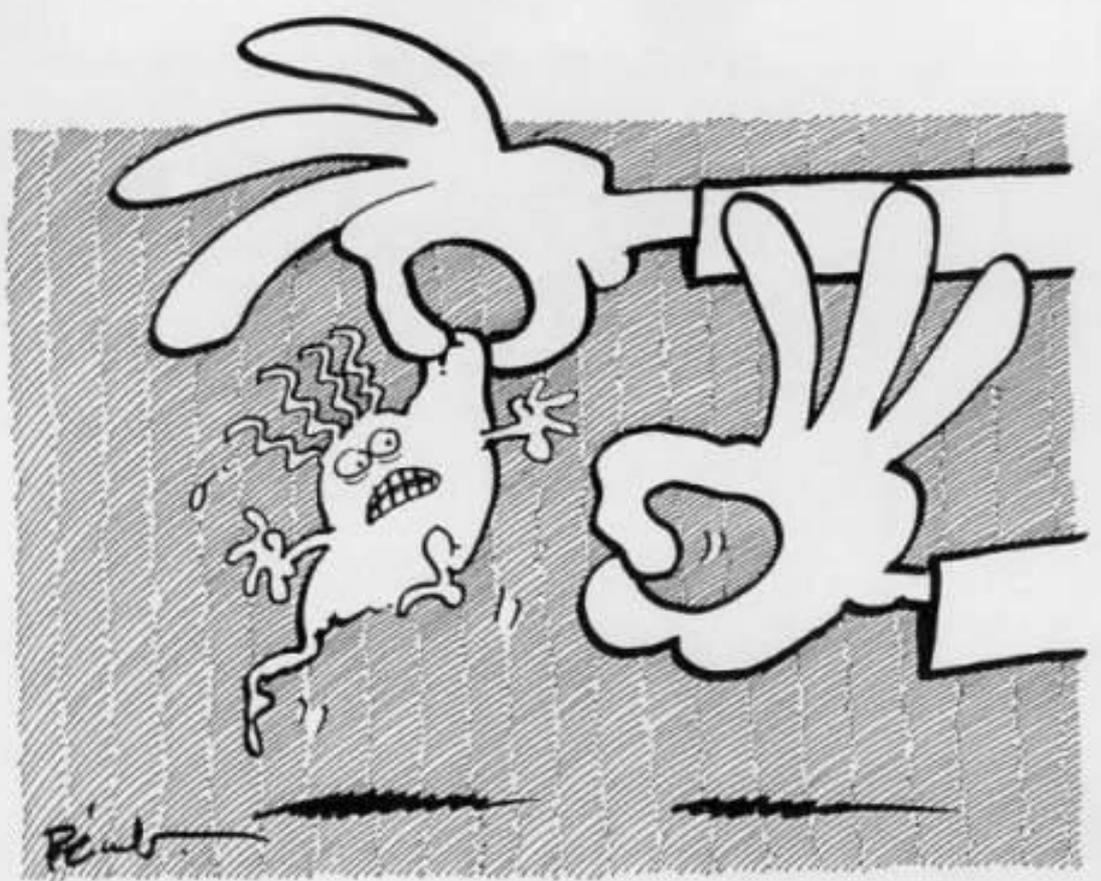
My son,
if they don't get me,
you will become
multiresistant



Handrub
is the natural killer of cross transmission

Dirty Staph

*...out
of
hospital*



**OUT OF
HÔPITAL !**



**Workplace
reminders**



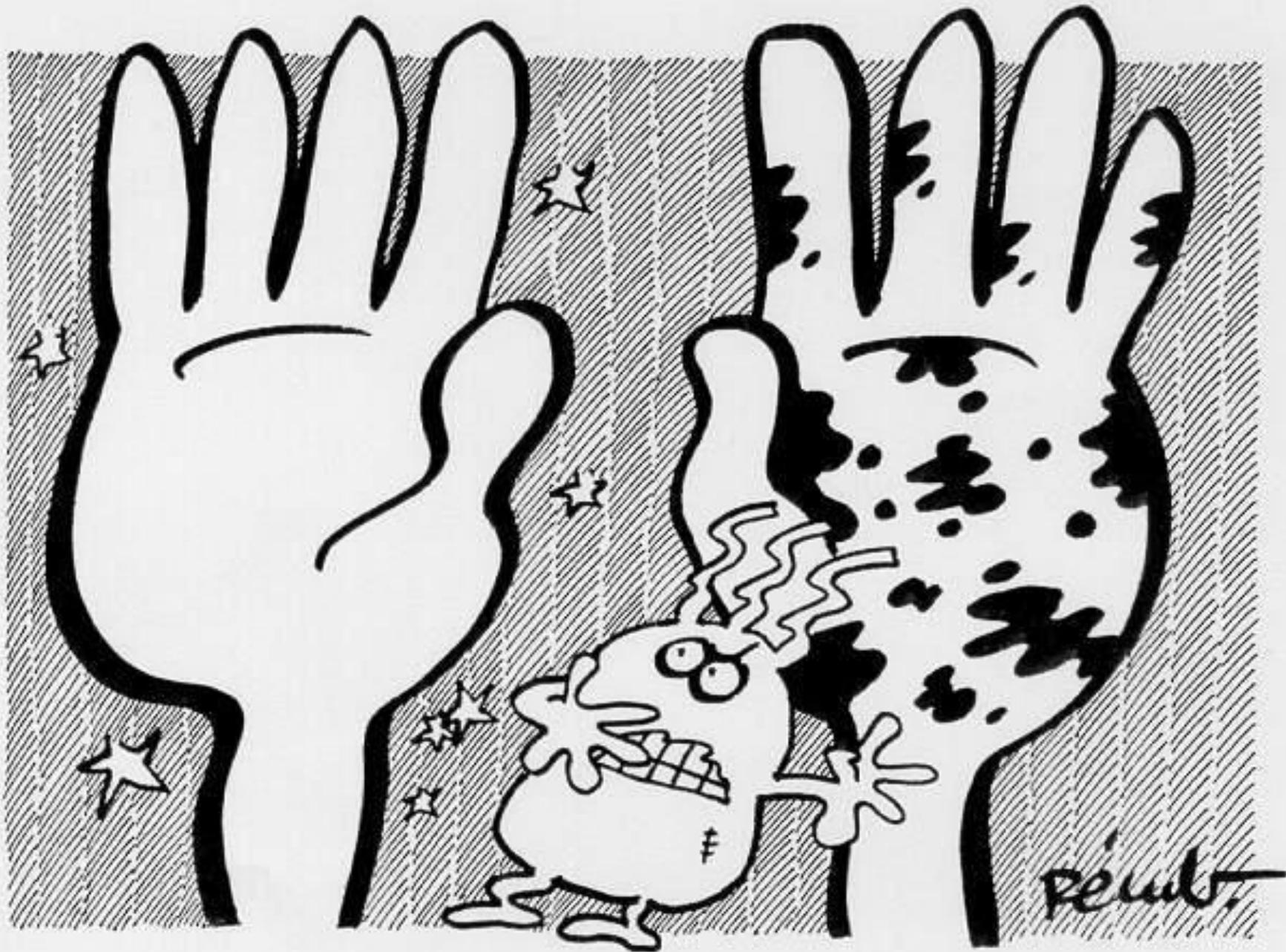
HUG
1995 - 1998



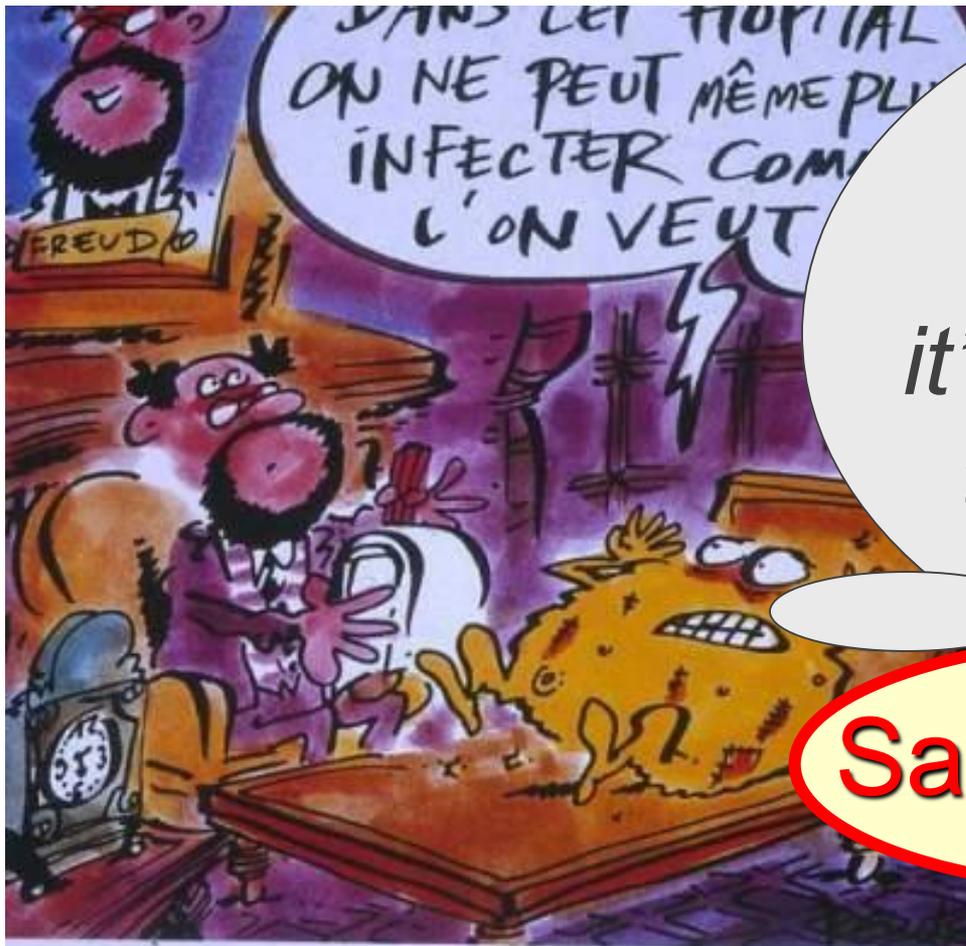
HUG
1995 - 1998



HUG
1995 - 1998



The University of Geneva Hospitals (HUG), 1995 - 1998



DANS CET HÔPITAL
ON NE PEUT MÊME PLUS
INFECTER COMME
L'ON VEUT

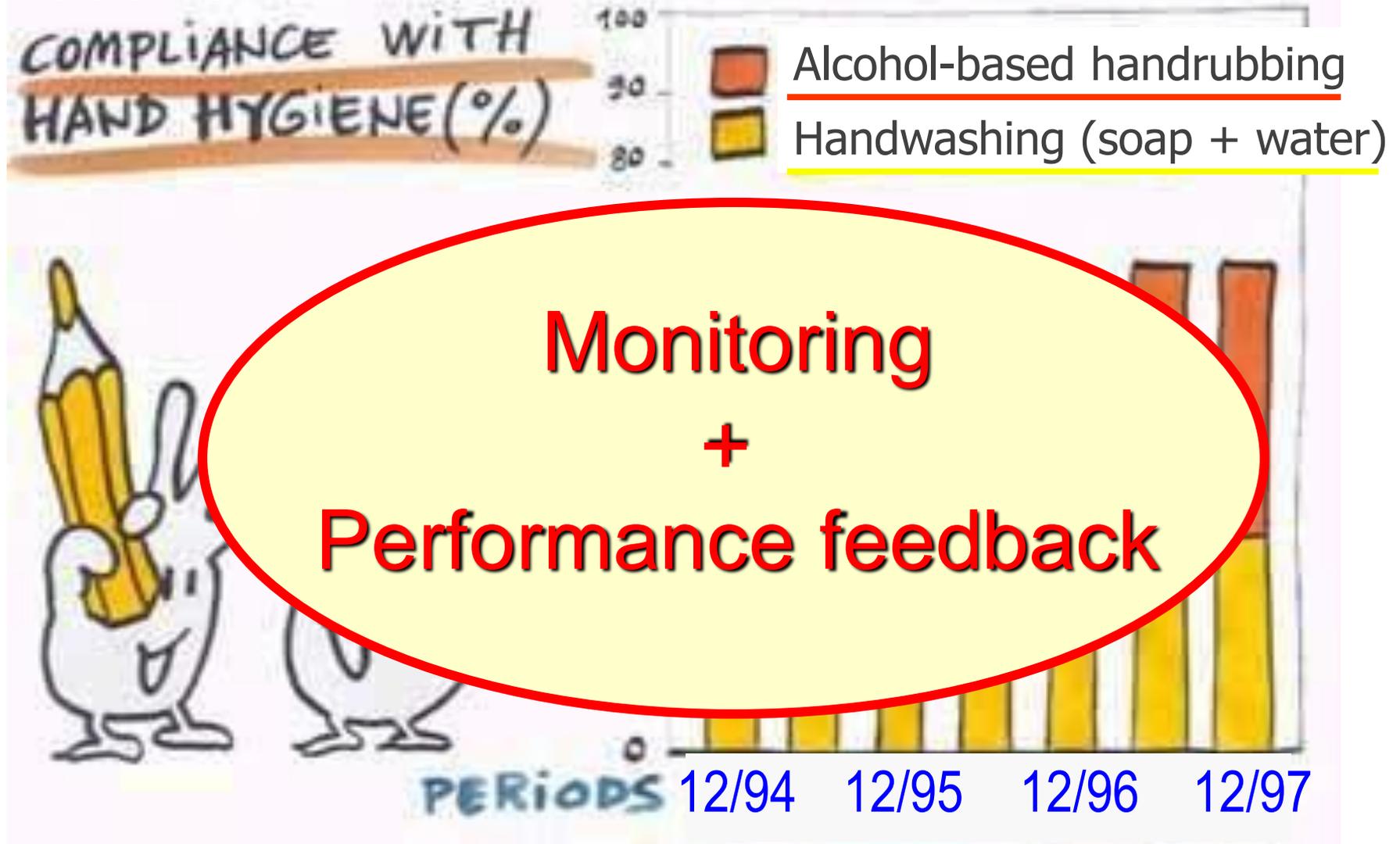
*Doctor Freud,
in this hospital,
it's become impossible
to cause infections
any more !*

Safety culture

HÔPITAL CANTONAL DE GENÈVE
CONTRE STAPH LE SÂLE,
LES HOSTILITÉS VONT
COMMENCER !

Geneva's University
Hospitals against
Dirty Staph :
war has been
declared

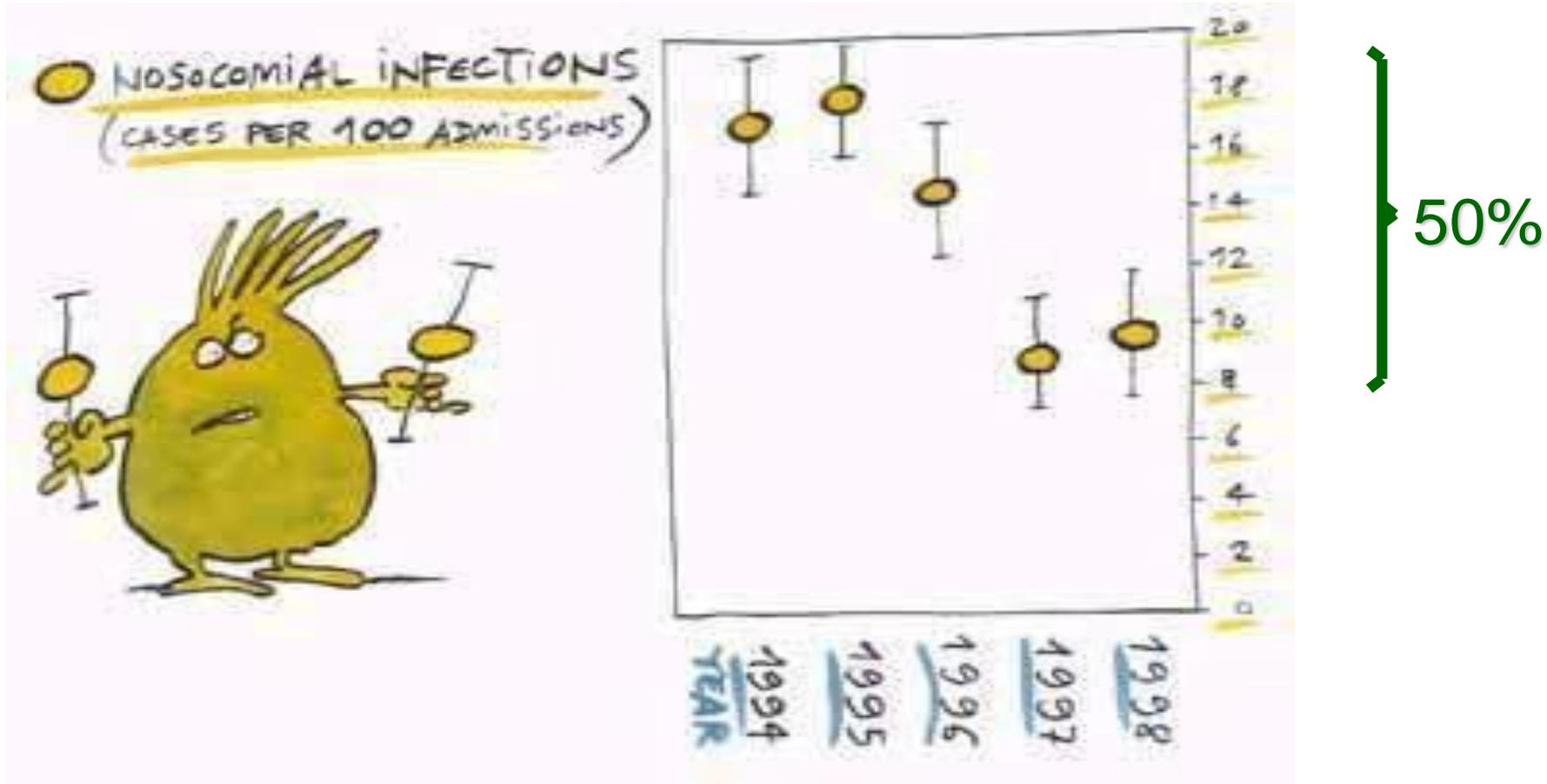
Results



www.hopisafe.ch

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

Hospital-wide nosocomial infections; trends 1994-1998



www.hopisafe.ch

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



Rub
hands...
it saves
money

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

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

THE LANCET Vol 256 – October 14, 2000

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

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



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



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



Launch

1st Global Patient Safety Challenge

WHO headquarter, Geneva, Switzerland

13 October 2005



Political commitment is essential to achieve improvement in infection control

Ministerial pledges to the 1st Global Patient Safety Challenge

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

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

The collage includes several official documents:

- United Kingdom:** A letter from the Secretary of State for Health, dated 11 November 2008, pledging to reduce HCAI.
- Yemen:** A letter from the Minister of Health, dated 19 October 2008, pledging to reduce HCAI.
- Other countries:** Documents from the Ministry of Health, Social Services and Public Safety, and the Ministry of Health and Population, all pledging to reduce HCAI.

The documents are in multiple languages, including English, Arabic, and Chinese. They all feature national emblems and logos, and they all pledge to reduce HCAI through various actions such as hand hygiene campaigns, sharing experiences, and using WHO strategies and guidelines.



Saudi Arabia



Kenya



France



Bangladesh



USA



Bhutan



Northern Ireland



Russia



Republic of Ireland



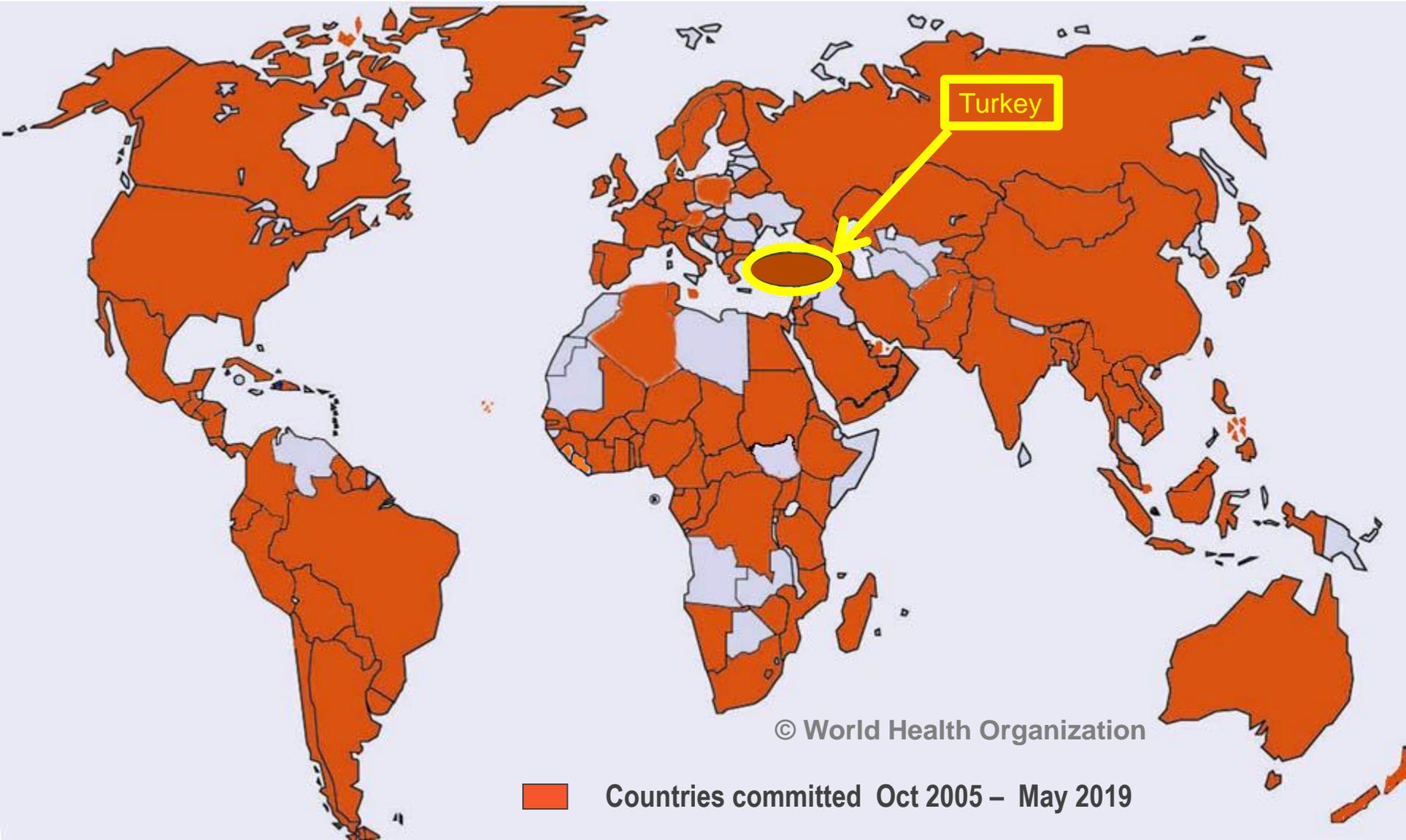
Kabul, Afghanistan - April 2012



Kabul, Afghanistan - April 2012

142 countries committed to address health care-associated infection

World population coverage : > 99 %

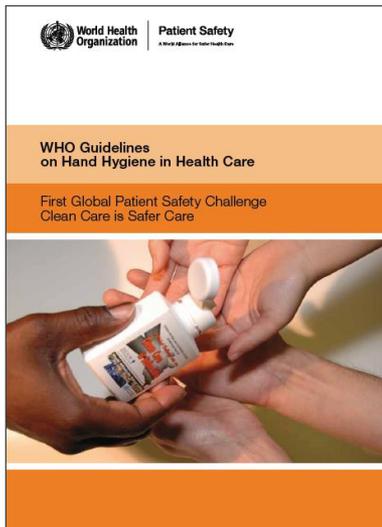


Implementation strategy and toolkit for the WHO Guidelines on Hand Hygiene in Health Care

Knowledge & evidence

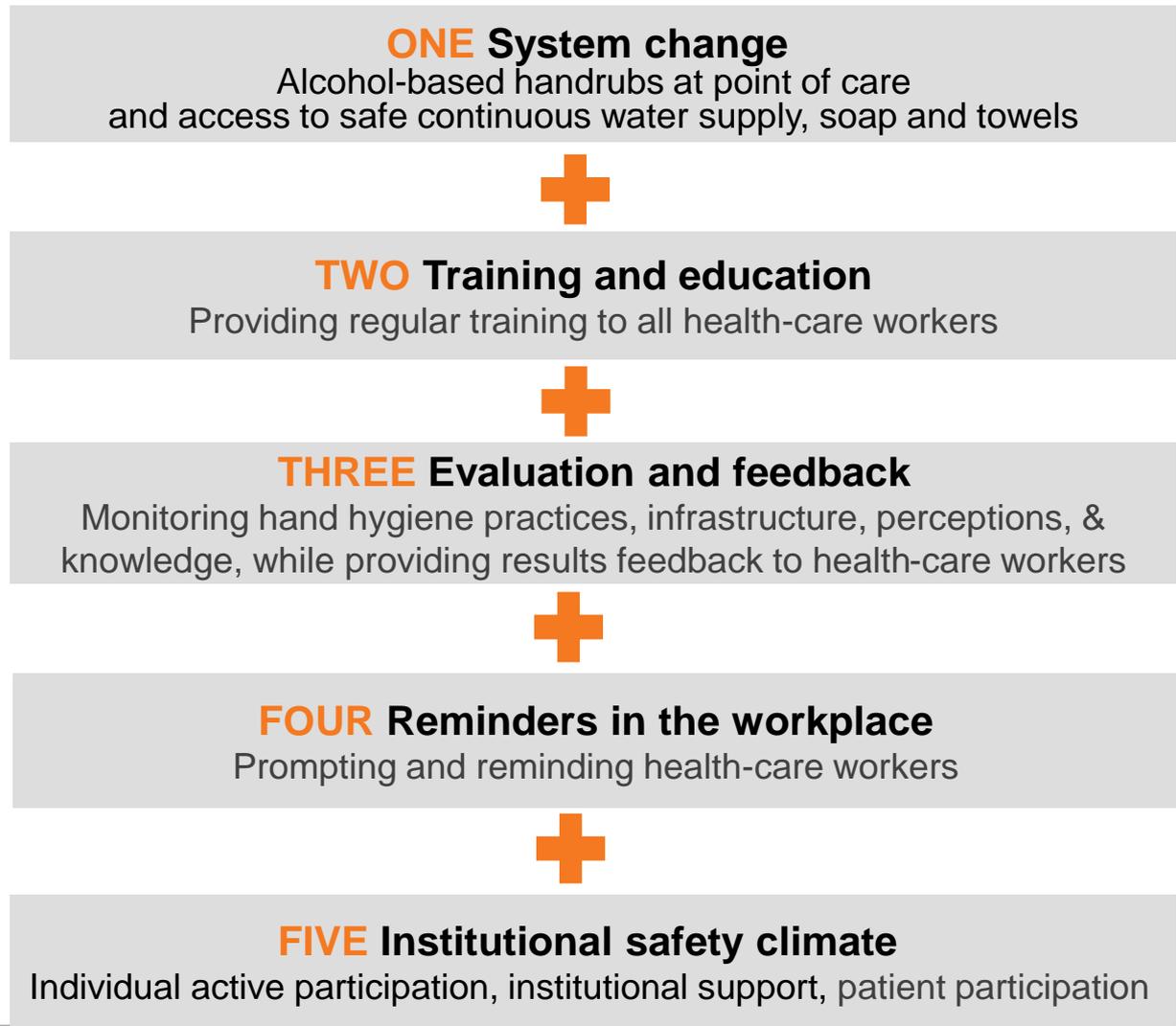


Action



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



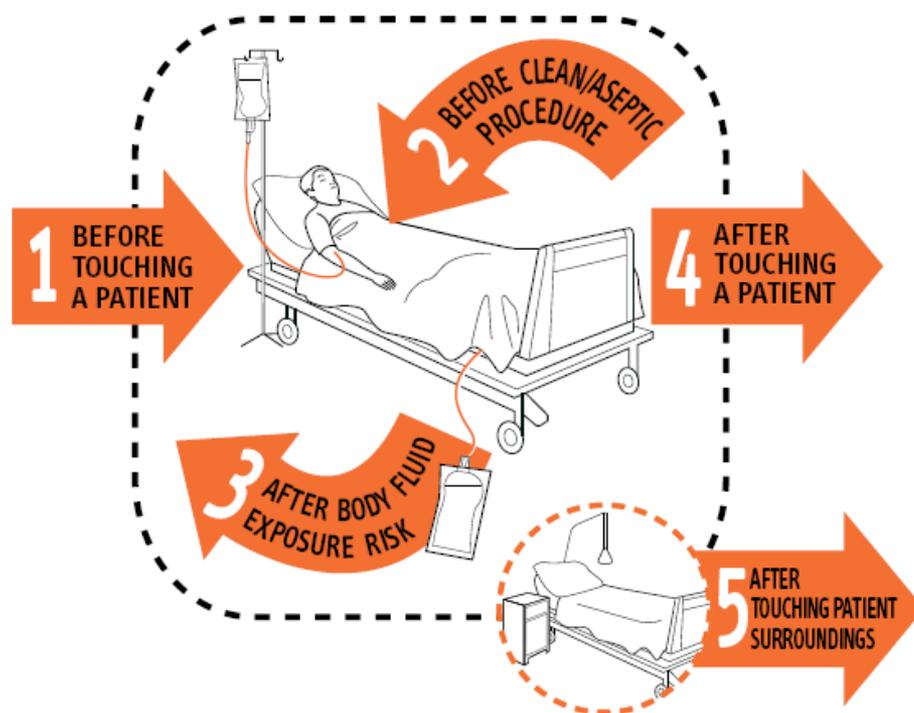
The My Five Moments approach

Making it easier to

- understand
- remember
- practice

the hand hygiene indications at the point of care

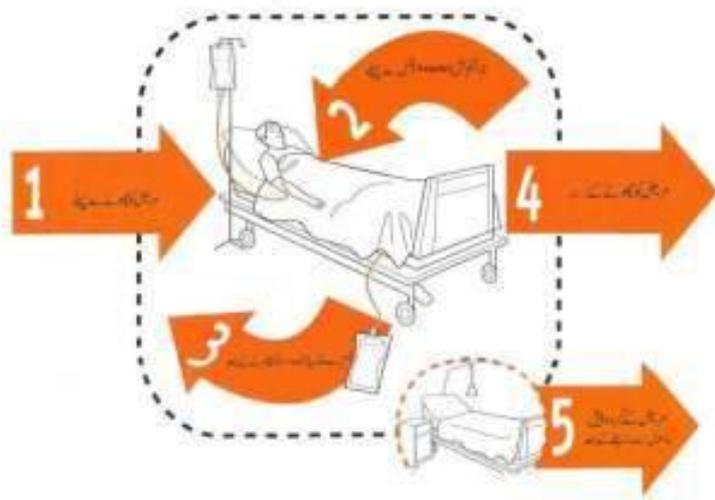
My 5 moments for HAND HYGIENE



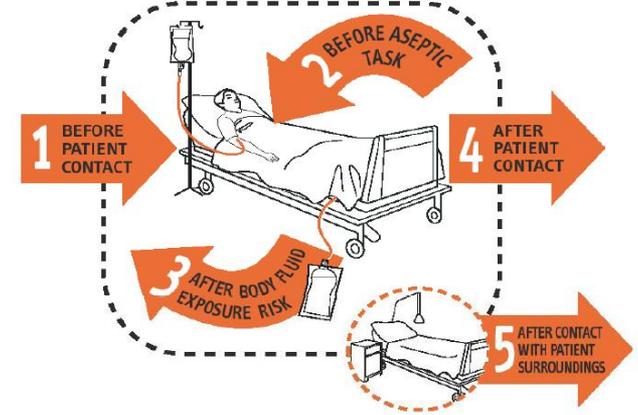
Sax H, Allegranzi B, Uçkay I, Larson E, Boyce J, Pittet D. *J Hosp Infect* 2007;67:9-21



ہاتھوں کی صفائی کے پانچ مواقع

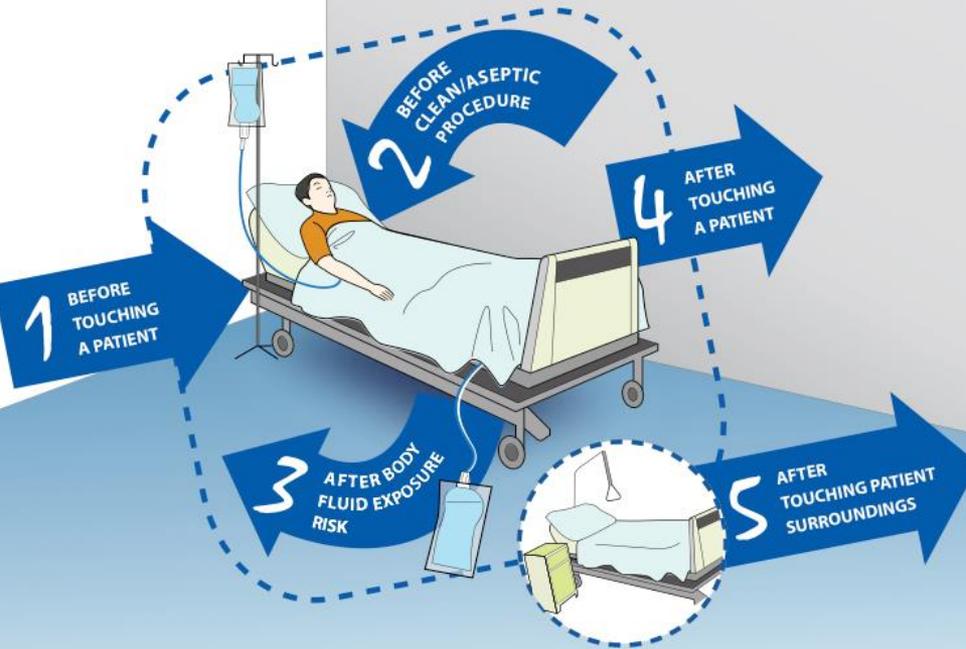


حملة غسل الأيدي ٢٠٠٨ Your 5 moments for HAND HYGIENE



5

MOMENTS for Hand Hygiene



Los 4 momentos de la higiene de manos



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

MOMENTO 2



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



www.aktion-sauberehaende.de

Gefördert durch:



Bundesministerium
für Gesundheit

aufgrund eines Beschlusses
des Deutschen Bundestages



Adapt to Adopt

If you want people
to AdOpt ...

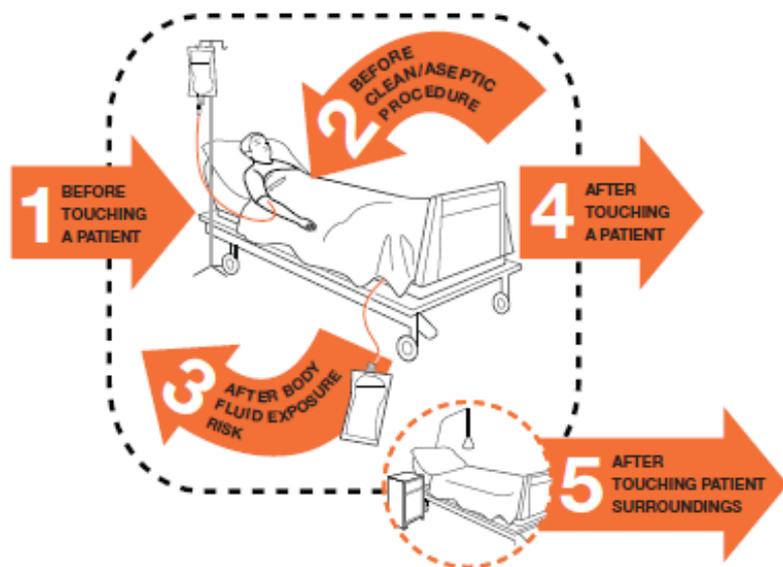
Let them AdApt

Adapt to Adopt



www.tinyurl.com/AdaptToAdopt

Your 5 Moments for Hand Hygiene



1	BEFORE TOUCHING A PATIENT	WHEN? Clean your hands before touching a patient when approaching his/her.	WHY? To protect the patient against harmful germs carried on your hands.
2	BEFORE CLEAN/ASEPTIC PROCEDURE	WHEN? Clean your hands immediately before performing a clean/aseptic procedure.	WHY? To protect the patient against harmful germs, including the patient's own, from entering his/her body.
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World Health Organization

Patient Safety

A World Alliance for Safer Health Care

SAVE LIVES

Clean Your Hands

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

May 2009

How to Handrub?

RUB HANDS FOR HAND HYGIENE! WASH HANDS WHEN VISIBLY SOILED

⌚ Duration of the entire procedure: 20-30 seconds

The illustrations show the following steps: 1a: Applying product to a cupped hand. 1b: Rubbing hands palm to palm. 2: Rubbing hands palm to palm with fingers interlaced. 3: Right palm over left dorsum with interlaced fingers and vice versa. 4: Palm to palm with fingers interlaced. 5: Backs of fingers to opposing palms with fingers interlocked. 6: Rotational rubbing of left thumb clasped in right palm and vice versa. 7: Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa. 8: Once dry, your hands are safe.



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May 2009



Turmi, Ethiopia

Duration of the entire procedure:



እጅን በንፁሕ ውሀ ማራሰ

እጅ ላይ ሳሙና ማገገግ

የእጅን መዳፍ በመዳፍ ማገገግ



ጣቶችን ከጣቶች ጋር በማስተላለፍ ማሸጎት

በጌት መዳድ ጣቶችን የጣቶች ጋር በመጠቀም ማሸጎት

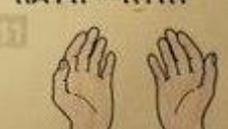
ጣቶችን መዳፍ ላይ በማቆላለፍ ማሸጎት



ውራ ጣቶችን እያረፈፈቁ ማሸጎት

የመዳፍን መሀል በማፈራረቅ በጣቶቻችን ማሸጎት

በንፁሕ ውሀ በደንብ መለቅለቅ



ወይም በፎጣ ማዳረቅ እጃችንን በማራገፍ

እጃችን እሁን የዐዳ ሆኗል

እጅን በንፁሕና መታጠብ

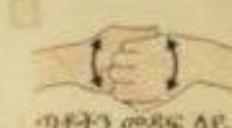
Duration of the entire procedure:



እጅን በንፁሕ ውሀ ማራሰ

እጅ ላይ ሳሙና ማገገግ

የእጅን መዳፍ በመዳፍ ማገገግ



ጣቶችን ከጣቶች ጋር በማስተላለፍ ማሸጎት

በጌት መዳድ ጣቶችን የጣቶች ጋር በመጠቀም ማሸጎት

ጣቶችን መዳፍ ላይ በማቆላለፍ ማሸጎት



ውራ ጣቶችን እያረፈፈቁ ማሸጎት

የመዳፍን መሀል በማፈራረቅ በጣቶቻችን ማሸጎት

በንፁሕ ውሀ በደንብ መለቅለቅ



ወይም በፎጣ ማዳረቅ እጃችንን በማራገፍ

እጃችን እሁን የዐዳ ሆኗል

Local clinic in Turmi, Ethiopia
The Hamlin Fistula Hospital

(Courtesy Russell Nassof)

Duration of the entire procedure:

0 ለጅን በንፁሕ ውሀ ማራሰ

1 ለጅ ላይ ሳሙና ማገገግ

2 የለጅን መዳፍ በመዳፍ ማገገግ

3 ጣቶችን ከጣቶች ጋር በማስተላለፍ ማሸጎት

4 በጫን መዳፍ ጣቶችን የጣቶች ጋር በመጣላት ማሸጎት

5 ጣቶችን መዳፍ ላይ በማቆላለፍ ማሸጎት

6 ጣቶችን ከጣቶች ጋር በማስተላለፍ ማሸጎት

7 የመዳፍን መሀል በማፈራረቅ በጣቶችን ማሸጎት

8 ወይም በፎጣ ማዳረቅ ለጅቶችን በማራገፍ

9 ለጅቶችን ለሁን የዐዳ ሆኖል

እጅን በንፁሕ መታጠብ

Duration of the entire procedure:

0 ለጅን በንፁሕ ውሀ ማራሰ

1 ለጅ ላይ ሳሙና ማገገግ

2 የለጅን መዳፍ በመዳፍ ማገገግ

3 ጣቶችን ከጣቶች ጋር በማስተላለፍ ማሸጎት

4 በጫን መዳፍ ጣቶችን የጣቶች ጋር በመጣላት ማሸጎት

5 ጣቶችን መዳፍ ላይ በማቆላለፍ ማሸጎት

6 ጣቶችን ከጣቶች ጋር በማስተላለፍ ማሸጎት

7 የመዳፍን መሀል በማፈራረቅ በጣቶችን ማሸጎት

8 ወይም በፎጣ ማዳረቅ ለጅቶችን በማራገፍ

9 ለጅቶችን ለሁን የዐዳ ሆኖል

How to Handrub?

RUB HANDS FOR HAND HYGIENE! WASH HANDS WHEN VISIBLY SOILED

Duration of the entire procedure: 20-30 seconds

1a Apply a palmful of the product in a cupped hand, covering all surfaces;

1b Rub hands palm to palm;

2 Rub hands palm to palm;

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

4 Palm to palm with fingers interlaced;

5 Backs of fingers to opposing palms with fingers interlocked;

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

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

8 Once dry, your hands are safe.

(Courtesy Russell Nassof)

Local clinic in Turmi, Ethiopia
The Hamlin Fistula Hospital

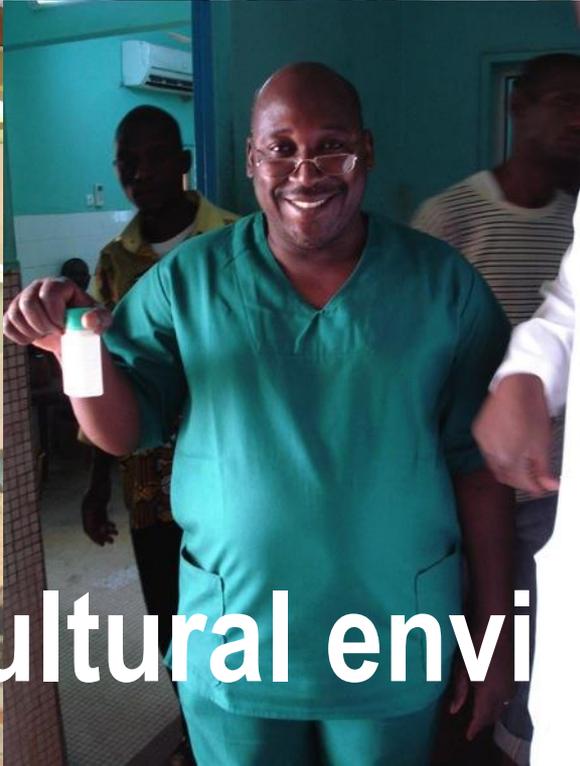
**Evidence of successful
implementation of the strategy
worldwide...**

From modern health care settings



To settings with limited resources





In a multi-cultural environment

Overcoming religious barriers

التحالف العالمي من أجل سلامة المرضى



مركز إرشادي
لنظافة الأيدي



الرعاية النظافة رعاية أكثر مأمونية



كُرُونِ ﴿١٢٦﴾ وَإِذَا مَا أَنْزَلْنَا سُورَةً بَعْضُهُمْ إِلَىٰ بَعْضِهِمْ
يُرِيكَ مِنْ أَحَدٍ ثُمَّ أَنْصَرَفُوا صَرَفَ اللَّهُ قُلُوبَهُمْ بِأَنَّهُمْ
لَا يَفْقَهُونَ ﴿١٢٧﴾ لَقَدْ جَاءَكُمْ رَسُولٌ مِنْ أَنْفُسِكُمْ
وَحَرِيصٌ عَلَيْكُمْ بِالْمُؤْمِنِينَ رَؤُوفٌ
وَأَحْسَبِي اللَّهُ لَا إِلَهَ إِلَّا هُوَ
شَهِيدٌ الْعَظِيمُ ﴿١٢٨﴾



*Kingdom
of
Saudi
Arabia
June, 2006*

THE LANCET

23. Viewpoint

Muslim health-care workers and alcohol-based handrubs

Mar 25,
2006

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

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

Hand hygiene is the cornerstone of prevention of health-care-associated infection.^{1,2} Evidence suggests that topical alcohol-based solutions are better than detergent-based cleansers for improving compliance and effectiveness of hand hygiene in health-care settings.²⁻⁶ However, the UK National Patient Safety Agency (NPSA; Glenister H, personal communication) and others⁷⁻⁹ have recently reported that some Muslim health-care workers consider that they are unable to comply with these new recommendations, citing religious objections.

Lancet 2006; 367:1025



January 2015



World Health
Organization

Patient Safety

A World Alliance for Safer Health Care

SAVE LIVES

Clean Your Hands

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

Ensuring universal system change



Equity - Solidarity



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

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



Kenya, Africa (from 2011)

Local production started in 1 hospital

Currently produced at National Research Center for some 1000 hospitals





Ebola virus



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

Support: CleanHandsSaveLives.org and Swiss National Aid

IPC in Liberia and Guinea during Ebola (short)



Jinja (Uganda) – Sugar cane plantation
75 000 hectares Since 1930

From sugar cane to alcohol-based handrub (video)



Hôpitaux
Universitaires
Genève

**University of Geneva Hospitals
and Faculty of Medicine, Geneva, Switzerland**



WHO Collaborating Centre
on Patient Safety
Infection Control & Improving Practices

Since 2014: WHO Essential Medicines List



Universal – Adaptable – Sustained



Countries running national hand hygiene campaigns (at least 60 campaigns)



Dec 2016 update



CleanHandsNet

Hand hygiene national campaigns



World Hand Hygiene Day in healthcare

WHO **SAVE LIVES: Clean Your Hands**

- To maintain a global profile on the importance of **hand hygiene** in health care to reduce **health care-associated infections** and enhance **patient safety** worldwide
- **Every 5 May** – WHO, **bringing people together** to improve and sustain hand hygiene



Registration update - countries or areas

JOIN US!



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

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

 World Health
Organization
© WHO 2014. All rights reserved.

As of 1 Dec 2017 , a total >20 000 hospitals and health-care facilities in 180 countries or areas have registered their commitment to hand hygiene as part of the global campaign – SAVE LIVES: Clean Your Hands.

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

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

Example organisation websites



BioMed Central blog



Deutsche Gesellschaft für Krankenhaushygiene e.V.

Home | Impressum | Kontakt | Suchen

SAVE LIVES: Clean Your Hands

Janifer Franklin on March 5, 2014 at 4:42 pm - 0 Comments

Antimicrobial resistance is a global and critical issue facing the [and Infection Centre](#), is supporting the World Health Organization's [Clean your hands](#), which aims to increase global awareness of antimicrobial resistance.

The WHO awareness day is the 5th May, when two global surges

SAVE LIVES: Clean Your Hands - WHO's global annual campaign

5 May 2014

Role of hand hygiene to combat antimicrobial resistance



The link to the the campaign of the 5 May 2014: www.who.int/gpsc/5may/en/

IFIC News | Volume 1, Issue 1

World Health Organization

Mark the dates of 2-4 May in your diaries. Any one of these days will be ideal for focusing local action on supporting the WHO SAVE LIVES: Clean Your Hands (5.CYH) campaign.

- Goal in 2014
- To highlight the role of hand hygiene in combating antimicrobial resistance (AMR) by making sure the WHO 5 Moments are seen to protecting patients from resistant pathogens.
 - To emphasize the problem of AMR that can arise from patient care interventions.

Contact | Sitemap | Links



European Centre for Disease Prevention and Control

IN FOCUS

WHO gears up for its annual hand hygiene campaign "SAVE LIVES: Clean Your Hands" "SAVE LIVES: Clean Your Hands" is WHO's global annual campaign on hand hygiene that takes place each year on 5 May. It is part of a major global effort to support healthcare workers to improve hand hygiene practices in hospitals and other healthcare facilities, and thus support the prevention of healthcare-associated infections.



WORLD HAND HYGIENE DAY - 05 MAY

Are you ready to prevent the spread of antimicrobial resistant genes?

Support the World Health Organization's global 5 May 'call to action' and highlight the important role that hand hygiene plays in prevent the spread of antimicrobial resistant genes.

No action today, no cure tomorrow - make sure the WHO 5 Moments are part of protecting your patients from resistant germs.

Over the next month and on 5 May, Hand Hygiene New Zealand will actively promote 5Ms theme and we encourage DHBs throughout New Zealand to make it part of their plans to mark World Hand Hygiene Day.



CLEAN YOUR HANDS GLOBAL CAMPAIGN 5 MAY 2014

Written by Viki...

No action today, no cure tomorrow - make the WHO 5 Moments for Hand Hygiene part of protecting your patients from resistant germs.



Save Lives Clean your Hands 5 May 2014



Consumers | Professional Practice | Education & Certification | Resources

For Media

- Newsroom
- APIC Announcements
- Recent Publications

Engage in the WHO SAVE LIVES Your Hands campaign, 5 May



24 March 2014

ESCMID supports WHO's global campaign SAVE LIVES: Clean Your Hands

For 5 May 2014, WHO asks you to join in highlighting the role of hand hygiene in combating antimicrobial resistance



SAVE LIVES
Clean Your Hands

Example organisation websites

Infection Control Africa Network

WHO Clean hands saves lives campaign

Dear colleague,

We would like to inform you that the final deadline for the WHO 'SAVE LIVES: Clean Your Hands' 5 May, extended to 3 May 2014.



April/May 2014 | Member

Patient Safety

SAVE LIVES: Clean Your Hands Campaign - 5th May 2014

The patient safety in care website - makes the WHO 5 Moments for Hand Hygiene part of protecting your patients from resistant germs.

WHO SAVE LIVES: Clean Your Hands annual initiative is part of a major global effort led by the World Health Organization (WHO) to support health-care workers to improve hand hygiene in health care and thus support Hospital Acquired Infections (HAI).

Read more >

View 100000+ on Facebook

CDC Features

- CDC Features
- Current Features
- Autism Training
- Asthma Awareness
- Food Safety Report
- Get Vaccinated
- Handwashing
- Healthy Gardening
- New CDC.gov Homepage
- Prevent Rotavirus
- Data & Statistics
- Diseases & Conditions

CDC Features - Current Features

Recommend 933 Tweet Share

May 5: Hand Hygiene Day



Hand hygiene is a simple thing and it's the best way to prevent

MRSA Survivors Network

- World Health Organization (WHO) SAVE LIVES: Clean Your Hands campaign
- World MRSA Day - Official Site

The International Alliance of Patients' Organizations Newsletter

SAVE LIVES: Clean Your Hands - WHO's global annual campaign

It takes just 5 Moments to change the world

Clean your hands, stop the spread of drug-resistant germs

More information...en français...

World Hand Hygiene Day - May 5, 2014. More information...en français... Canadian initiatives...

WORLD ALLIANCE AGAINST ANTIBIOTIC RESISTANCE

The PARIS declaration of WAAAR (World Alliance Against Antibiotic Resistance).

5 DE MAYO DE 2014

Si no actuamos hoy, no habrá cura mañana

Protejamos a nuestros pacientes incorporando los "5 momentos de la higiene de manos" de la OMS a nuestra práctica cotidiana

La OMS promueve una vez más su campaña global anual de higiene de manos

"Un cuidado limpio es un cuidado seguro"

Home | Education & Events | Professional Practice | Hand Hygiene | Incentives | Patient Safety | Public Practice | Contact Us

International Calls for Action

WHO recognizes the following international events and calls for action:

World Health Organisation SAVE LIVES: Clean your hands, every 5th May

Every 5 May, WHO calls for a renewed focus on hand hygiene improvement and sustainability in health-care facilities across the world to prevent health-care-associated infections. Healthcare workers are asked to sign up...

World Hand Hygiene Day - 5th May 2014

For the latest news about the WHO 5th May 2014 activities please click [here](#)

Show your 5 May photos. Please show the rest of Australia and the world what you're up to on 5 May. Tweet photos of activities at your organisation to @handhygiene, share them on our Facebook page or email them to us at info@handhygiene.org.au. We'd love to see what's going on all across Australia.

Join WHO's global annual hand hygiene campaign

Register your health-care facility NOW if you have not already done so:

SAVE LIVES: Clean Your Hands

September 13 2014

World Sepsis Day

No action today; no cure tomorrow

5 May: 5 Moments of Hand Hygiene. protect your patients from resistant germs.

#5moments twitterchat, 5 May / Fri, 02 May 2014

Example country activities



New Zealand



News

World Hand Hygiene Day 5th May 2014



The World Health Organization (WHO) is highlighting the importance of good hand-hygiene through a global campaign.

Keeping your hands clean helps to prevent the spread of diseases and infections, especially after going to the toilet and before and after eating.



Serbia

Ministerio de Sanidad, Servicios Sociales e Igualdad
Support for translations

Austria
Symposium on Hospital-acquired Infections – Surveillance and Prevention
on the occasion of WHO's global annual campaign "Save Lives. Clean Your Hands"

Agenda
May 06, 2014
Federal Ministry of Health

Romania
First National Conference
Save Lives – Clean your hands
Bucharest Romania

Agenda
5 Mai 2014, Bucharest, NID Prof. Dr. Mariu Bob

8.30 - 9.00 **Registration of the participants**
9.00 - 9.30 **Welcome, Opening ceremony**
Minister of Health Dr. Nicolae Băncășiu, Prof. Dr. Adrian Ștefănescu-Cănoș, Prof. Dr. Catalin Cernăuș, Assoc. Prof. Dr. Alexandra Radu, Dr. Victor Ghimășcu, Prof. Dr. Dănuș Păun.

Canadian Patient Safety Institute / Institut canadien pour la sécurité des patients



SAVE LIVES
Clean Your Hands

Example country activities

Le site santé du Ministère des Affaires sociales et de sante.gouv.fr

LE MINISTÈRE LES CAMPAGNES LES DOSSIERS LA PRESSE

Mission mains propres • Bulle à sucrer • La cérémonie de remise des prix

La cérémonie de remise des prix
30 avril 2014

A l'occasion de l'édition 2014 de la journée « Mission mains propres » du 5 mai 2014 dans le cadre de la journée mondiale sur l'hygiène des mains, un appel à projets « affiche » et « vidéo » à 900 euros.

Les lauréats du concours

LET'S AVOID INFECTIONS TOGETHER!

GO TO: www.youareingoodhands.be

Belgium

Светот може да се промени во само 5 чекори

Чистете ги рацете и спречете го ширењето на бактериите отпорни на антибиотици!

Albania and MDK

Global Hand Hygiene Day 2014
Clean your hands, stop the spread of drug-resistant germs!

N.Ireland

See the display in:
Main Foyer, Lisburn Health Centre,
Friday 9 May 2014
9.30am-12 noon

Topic: Hand hygiene and antibiotic information

For more information on Global Hand Hygiene Day see the WHO website: www.who.int/gpsc/5may/day/

ER Agenzia sanitaria e sociale regionale

5 maggio, Giornata mondiale per l'igiene delle mani

L'obiettivo alla prevenzione delle infezioni antibioticoresistenti, la giornata mondiale dell'Organizzazione mondiale della sanità per l'igiene delle mani

Pratica l'igiene delle mani, fermi la diffusione di germi antibiotico-resistenti! Anche quest'anno l'Organizzazione mondiale della sanità (OMS), promuove a sostegno l'impegno nei confronti della campagna "SAVE LIVES: Clean Your Hands" e dedica la Giornata mondiale sull'igiene delle mani 2014 al tema della prevenzione dell'antibiotico-resistenza.

HP Centre for Health Protection
Department of Health
The Government of the Hong Kong Special Administrative Region

Hand Hygiene Awareness Day 5 May 2014

洗手大行動 2014
Hand Hygiene Campaign 2014

時刻潔手
靈菌快走

Keep your hands clean, stop the germs



Example hospital activity images

Hong Kong

Success Story Research
Most participants in a hand sanitising relay
23 April 2014

MOST PARTICIPANTS IN A HAND SANITISING RELAY

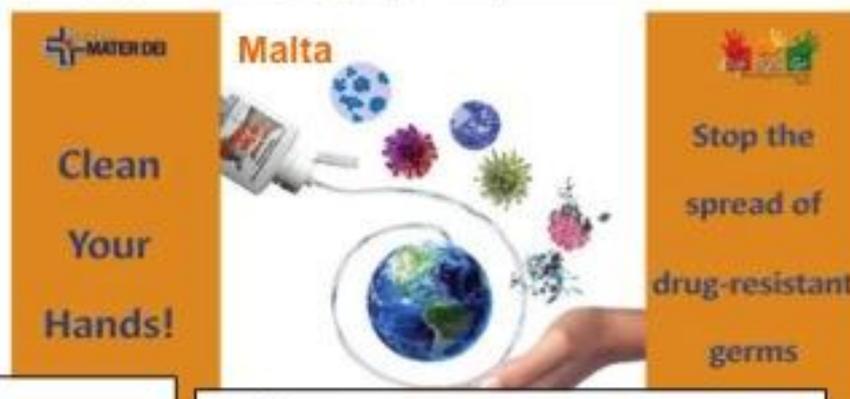
DEFINITION OF RECORD

This record is for the greatest number of people in a hand sanitising relay in an event at a single venue.
This record is to be attempted by a team of unlimited size.

SPECIFIC GUIDELINES FOR 'MOST PARTICIPANTS IN A HAND SANITISING RELAY'



South Africa
EMGUNGUNDLOVU HEALTH DISTRICT
INFECTION PREVENTION AND CONTROL PROGRAMME
3RD to 4TH MAY 2014
DIRECTOR: ELIMGUNGUNDLOVU INFECTION PREVENTION & CONTROL
COORDINATOR: ELIZABETH LEUNG & KERRI DALL
IT TAKES JUST 20 SECONDS TO CHANGE THE WORLD FOR YOUR BETTER.
WASH THE WORLD OF HEALTH CARE WITH US!

MATER DEI
Clean Your Hands!
Malta
Stop the spread of drug-resistant germs



UAE
مستشفى أن أم سي التخصصي
nmc specialty hospital
Al-Ain
HAND HYGIENE AWARENESS PROGRAMME
1st & 2nd



GIG NHS
World Health Organisation Hand Hygiene Day
Monday 5 May 2014
Bank Holiday for Many - but not for us!
Hand Hygiene/Infection Prevention & Control Awareness Days
Wales
GGH: 1st May, Board Room, 10.30 am - 2.30pm
PPH: 8th May, Board Room, 10.00 am - 2.30pm





Private Organizations for Patient Safety



*Private Organisations for Patient Safety (POPS):
A collaboration between the World Health Organisation Patient Safety Programme and industry*



African Region- SAVE LIVES: clean your hands



Help Us Turn Africa Orange

Feb 2014: 669 hospitals

April 2015: 801 hospitals

Countries with health-care facilities registered for SAVE LIVES: Clean four hands global campaign



Countries with health-care facilities registered for SAVE LIVES: Clean four hands global campaign



Register your health facility at:
http://www.williams.org/2014/07/01/registration_updates.html



I promote clean care

#safeHANDS



 Alan & Fajana Hospital, Stellenbosch University,
 Cape Town, South Africa

Let's... Turn Africa Orange



Let's... Turn Africa Orange



> 15 years!

Background to Clean Care is Safer Care

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



2005 - 2019

The focus and objectives of Clean Care is Safer Care

The first of these Challenges, Clean Care is Safer Care, launched in 2005, targeted the important aspect of patient safety: health care-associated infections (HCAIs). HCAI is the most frequent patient safety problem worldwide in both developed and developing countries. Each year, 10 million patients are affected by HCAIs, with 7 million deaths and 100 billion dollars in losses for health systems too.



Clean Care is Safer Care

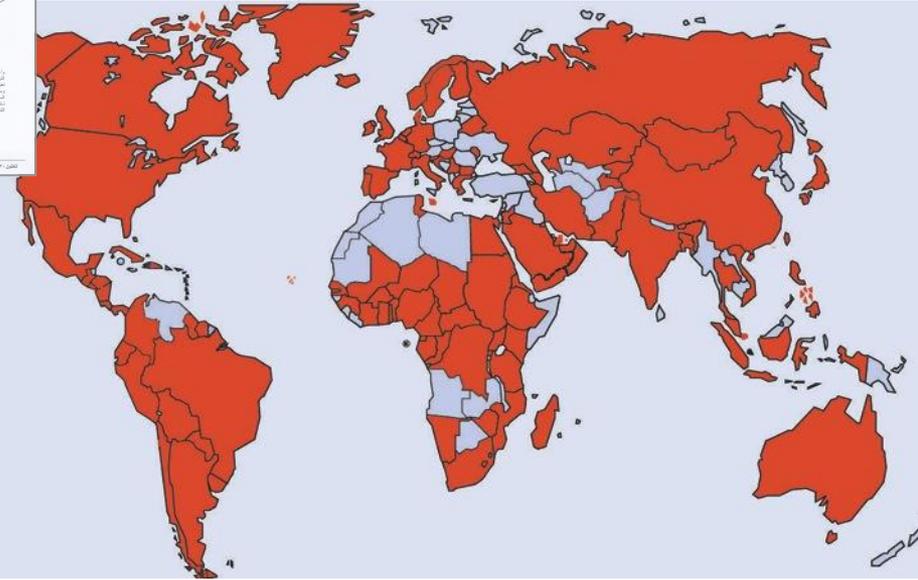
The burden of health care-associated infection worldwide

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





From country pledges



.. to patient point of care



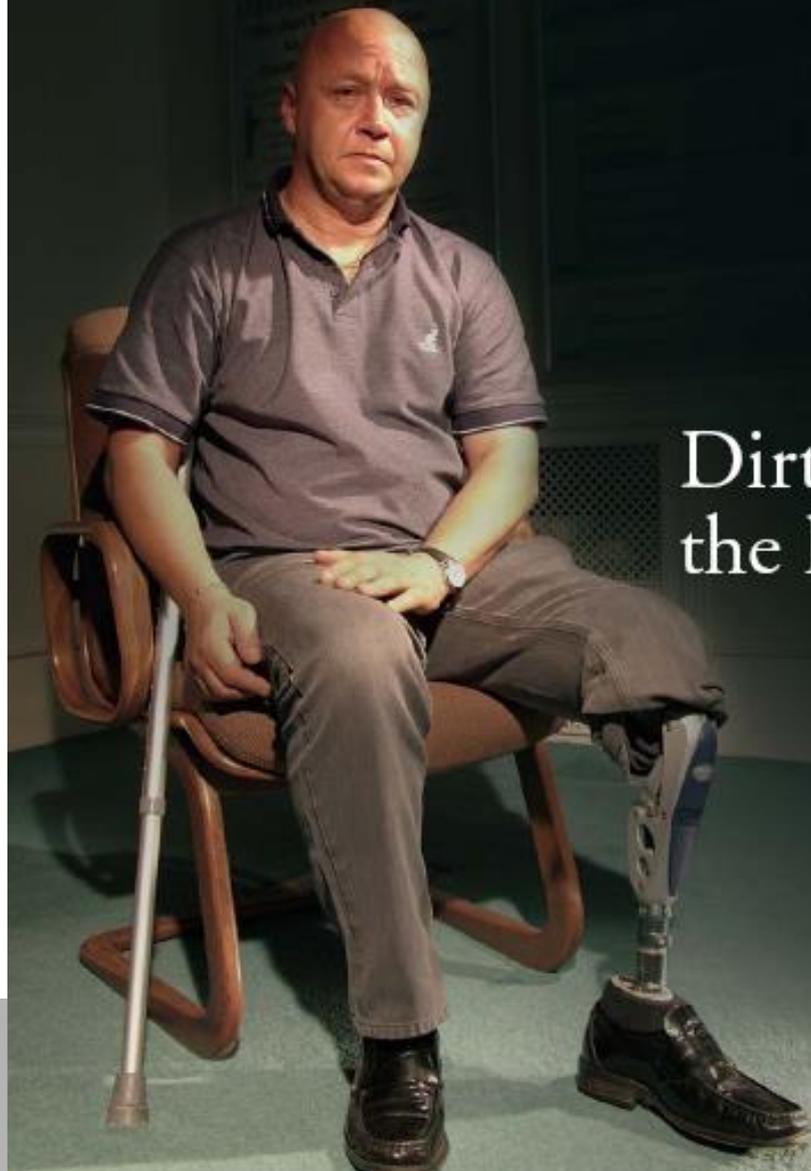
My 5 moments for HAND HYGIENE



Vision - Perspectives



2006 Annual Report of
The Chief Medical Officer
On the State of Public Health



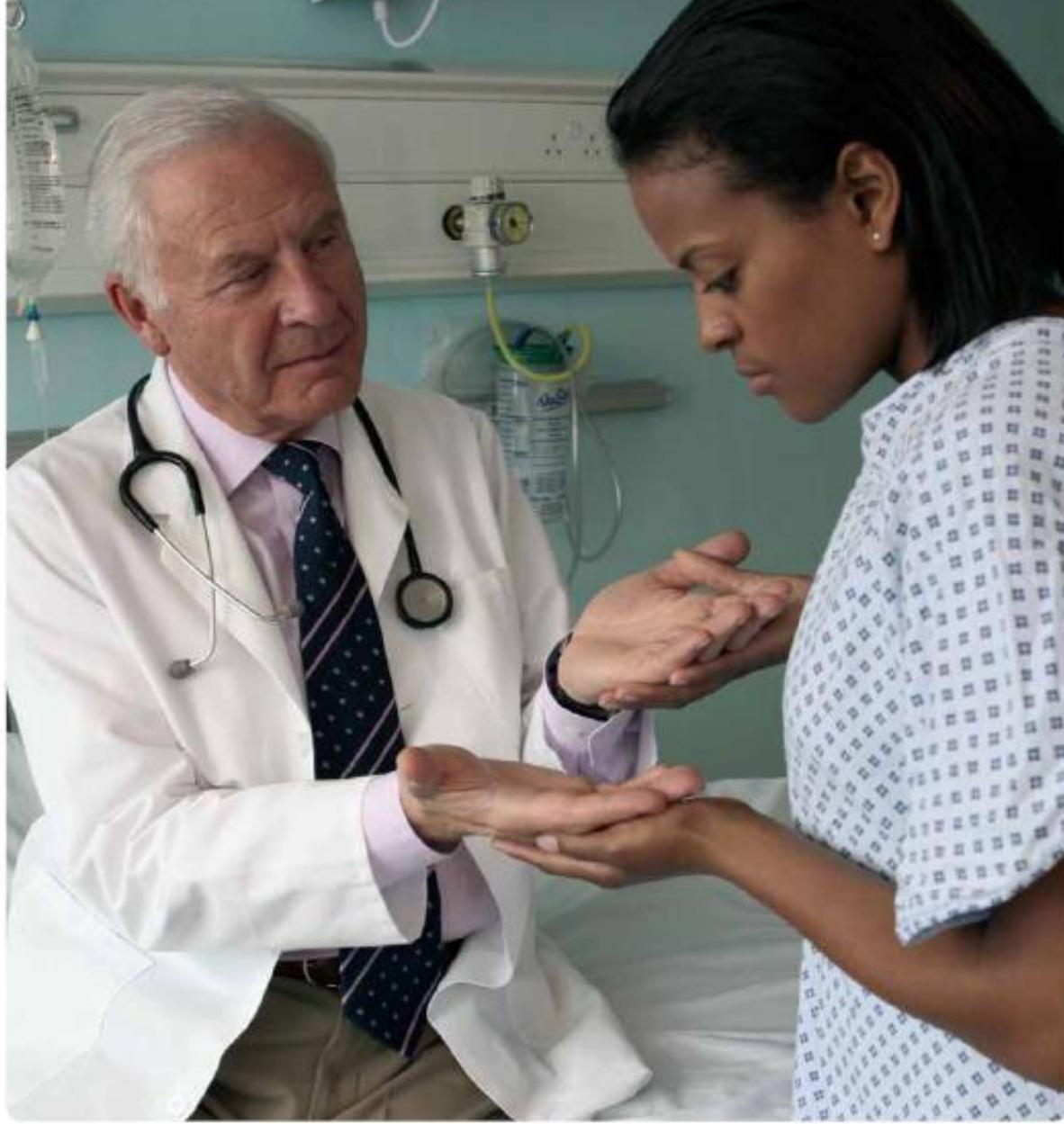
Dirty hands... the human cost

MAIN FEATURES

- Healthcare-Associated Infection
- Organ Transplants
- Radiotherapy
- Intrapartum-Related Deaths
- Women in Medicine



World Health
Organization



Longtin Y, Sax H, Leape L, Sheridan S, Donaldson L, Pittet D.
Patient participation: current knowledge and applicability to patient safety.
Mayo Clin Proc 2010, 85:53-62



IMSS 91, Social Security System
Mexico
Hand Hygiene Excellence Award



THIERRY CROUZET

CLEAN HANDS SAVE LIVES

FOREWORD

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

CleanHandsSaveLives.org

L'ÂGE
D'HOMME



THIERRY CROUZET
**LE GESTE
QUI SAUVE**
DES MILLIONS DE VIES,
PEUT-ÊTRE LA VÔTRE

PRÉFACE
Dr Margaret Chan
Directrice générale
de l'OMS
Sir Liam Donaldson
Ambassadeur
de l'OMS

Photographie Jean-Baptiste Hayth

L'ÂGE
D'HOMME



THIERRY CROUZET
**CLEAN
HANDS
SAVE
LIVES**

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

Cover picture Jean-Baptiste Hayth

L'ÂGE
D'HOMME



THIERRY CROUZET
**DIE
RETTENDE
GESTE**

VORWORT
Dr. Margaret Chan
Generaldirektorin
der Weltgesundheits-
organisation
Sir Liam Donaldson
Vorsitzender
der Globalen
WHO-Allianz
für Patientensicherheit

Photographie Jean-Baptiste Hayth

L'ÂGE
D'HOMME



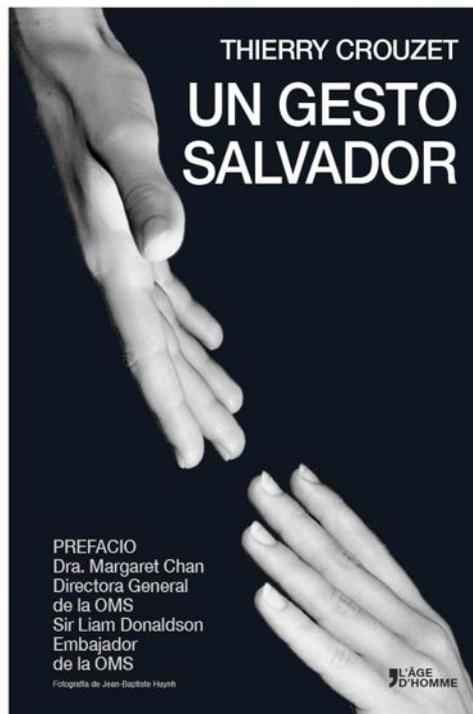
ティエリー・クルーゼ
グローバルプロジェクト

**いのちを救う、
手洗いを**

序文
マーガレット・チャン博士
世界保健機構、事務局長
サー・リアム・ドナルドソン
世界保健機構、患者安全特命大使

写真 ジャン・バティスト・エイヌ

L'ÂGE
D'HOMME

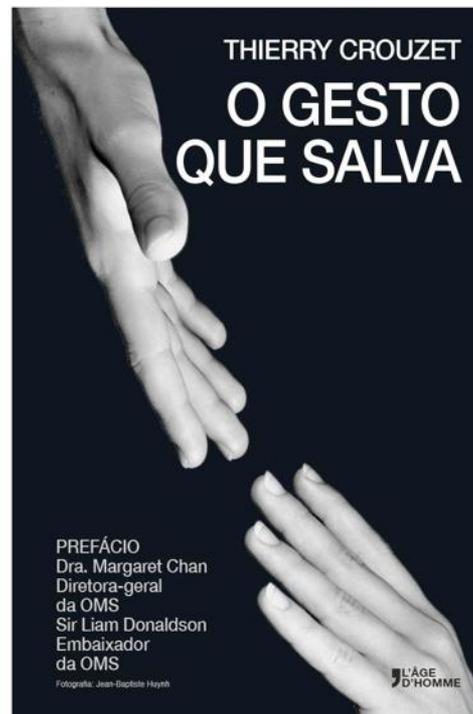


THIERRY CROUZET
**UN GESTO
SALVADOR**

PREFACIO
Dra. Margaret Chan
Directora General
de la OMS
Sir Liam Donaldson
Embajador
de la OMS

Fotografía de Jean-Baptiste Hayth

L'ÂGE
D'HOMME



THIERRY CROUZET
**O GESTO
QUE SALVA**

PREFÁCIO
Dra. Margaret Chan
Diretora-geral
da OMS
Sir Liam Donaldson
Embaixador
da OMS

Fotografia: Jean-Baptiste Hayth

L'ÂGE
D'HOMME

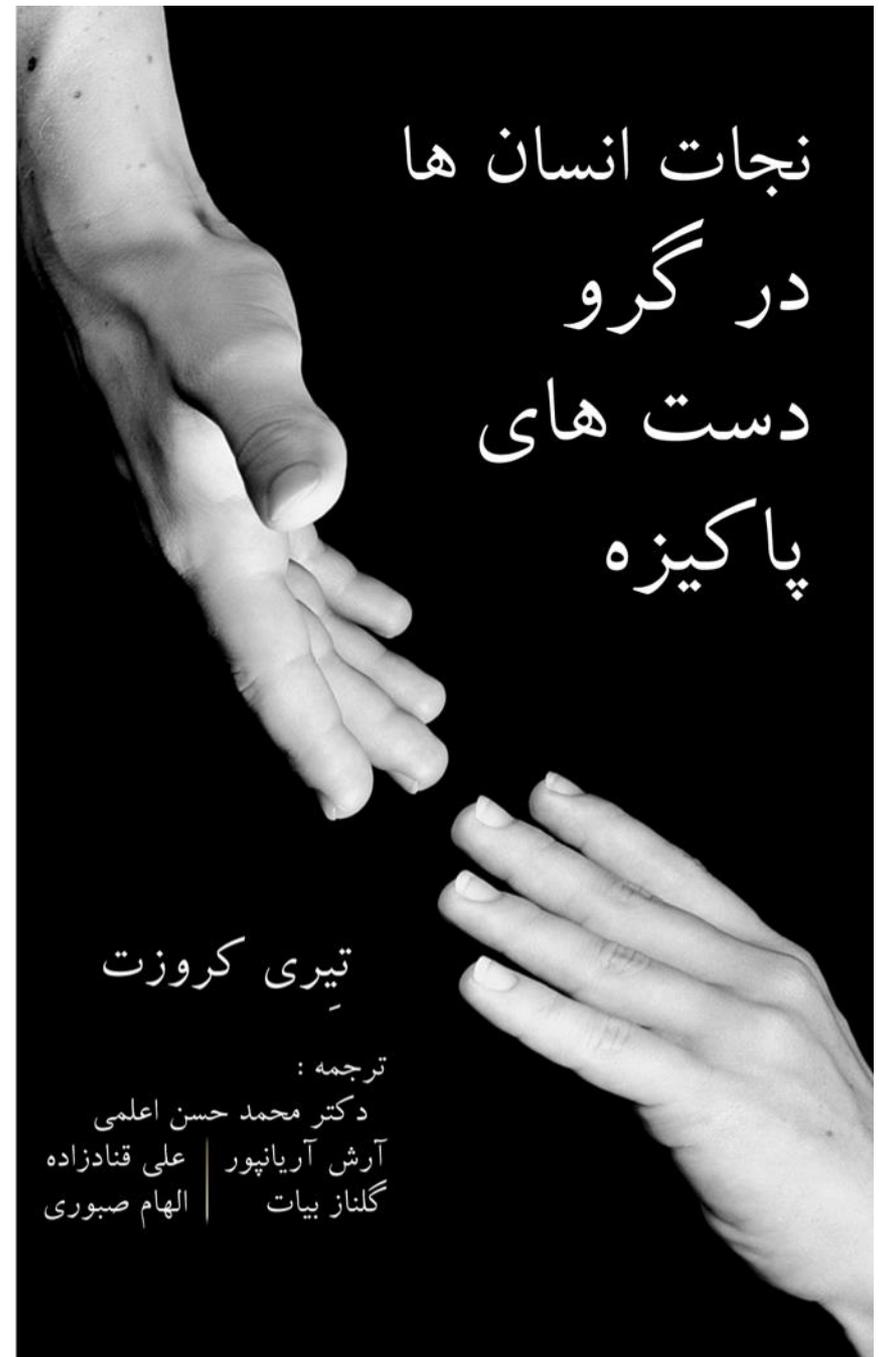
Published
5 May 2014
WHO hand hygiene Day

More translations available / in preparation:

- Persian
- Arabic
- Chinese
- Polish
- Russian
- Hungarian
- Turkish
- Shewali
- Romanian
- Urdu
- Kmer

....

The Economy of Peace





Patient Safety
MOVEMENT

Patient Safety
MOVEMENT

Patient Safety
MOVEMENT

Patient S
MOVEM

Pa
M

THIERRY CROUZET
**CLEAN
HANDS
SAVE
LIVES**

Patient S
MOVEM

Patient S
MOVEM

Very sorry (or not !!!!)

But NO IMAGE WITH Donald

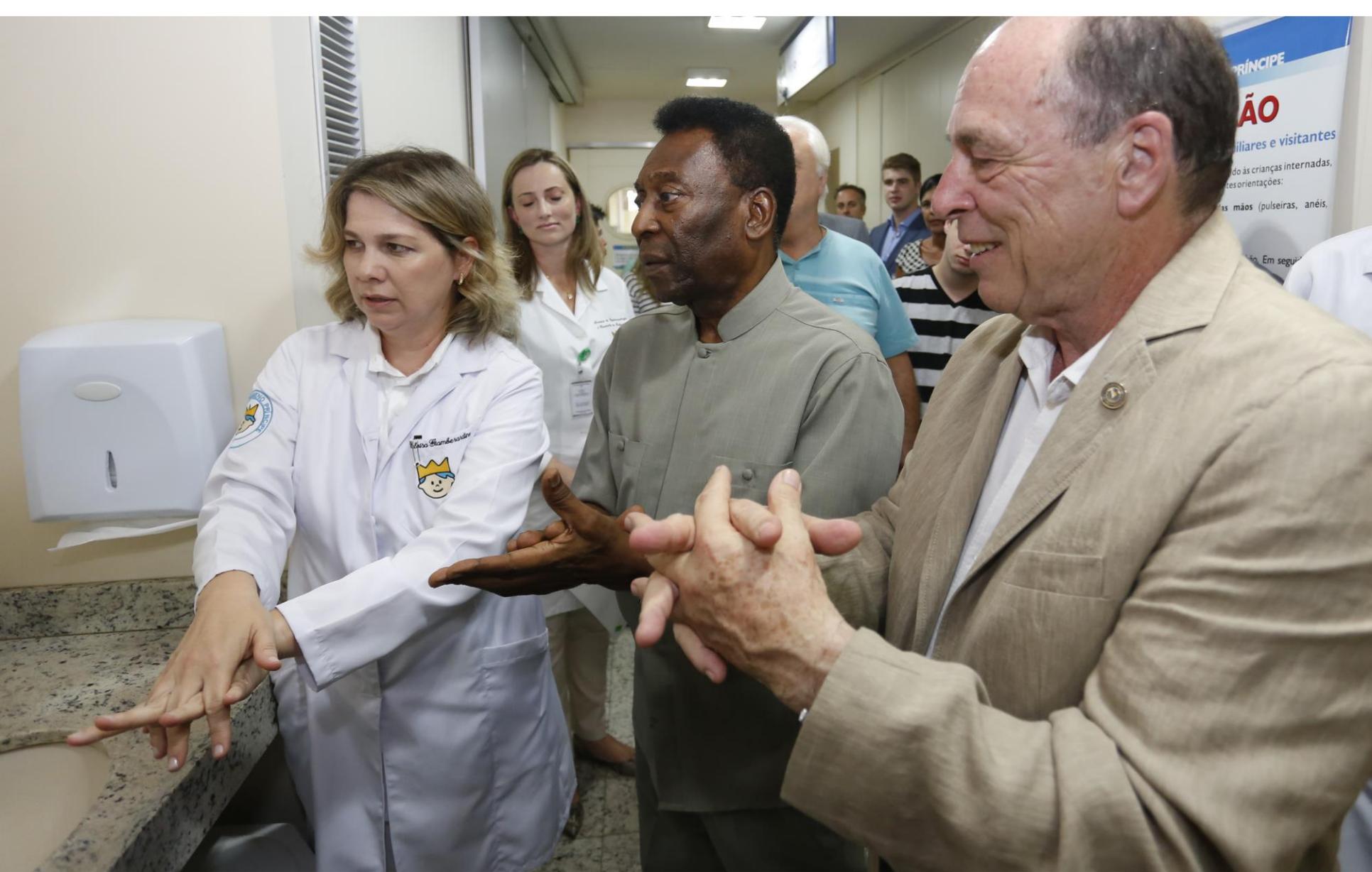


World Health
Organization

Patient Safety

A World Alliance for Better Health Care

SAVE LIVES
Clean Your Hands



World Health
Organization

Patient Safety

A World Alliance for Better Health Care

SAVE LIVES

Clean Your Hands



World Health
Organization

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SAVE LIVES

Clean Your Hands



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 AUDOUIN • LAURENT DETHES • DIDIER FREDEVEAUX • LAURÈNE HARATYK
ALEXANDRA PILLET • PHILIPPE SANTINI • LAURY THEVENET • QUENTIN ROBERT • ANTHONY ZANTA
CO-PRODUCTION: AFTERMEDIA - 2222 PRODUCTIONS - STÉPHANE SANTINI PCM



OFFICIAL SELECTION
INTERNATIONAL FILM FESTIVAL AND FORUM ON HUMAN RIGHTS - GENEVA 2016
5TH DEAUVILLE GREEN AWARDS

WITH THE SUPPORT OF THE FONDATION PHILANTHROPIA

SAVE LIVES
Clean Your Hands

How to continue ...

what's next ?



2005-2006 Global Patient Safety Challenge

DEFI MONDIAL POUR LA SECURITE DES PATIENTS

CLEAN CARE IS SAFER CARE

"Un soin propre est un soin plus sûr"

Un projet de l'OMS soutenu par les HUG

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



ICPIC 2019

Preliminary Programme

International Conference on Prevention & Infection Control

29 June to
2 July 2011
Geneva,
Switzerland

www.icpic2011.com

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

ICPIC 2019 Organized by
HUG and the Faculty of Medicine, Geneva, Switzerland

Save the Date:

**5th ICPIC, 10-13 Sept 2019,
Geneva, Switzerland**



Semmelweis at ICPIC

www.icpic.com

shm

Society of Hospital Medicine

Hospital Medicine: Current Concepts

Scott A. Thunders and Sanjay Saint - Series Editors



HAND HYGIENE

A HANDBOOK FOR MEDICAL PROFESSIONALS



EDITED BY

**DIDIER PITTET • JOHN M. BOYCE
BENEDETTA ALLEGRANZI**

WILEY Blackwell

Hand Hygiene: A Handbook for
Medical Professionals

Didier Pittet
John Boyce
Benedetta Allegranzi
(editors)

ISBN: 978-1-118-84686-5

456 pages

June 2017, Wiley-Blackwell

SAVE LIVES

Clean Your Hands

Lessons learned

Why did it work ?

Changing behavior

does not happen

without resistance

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

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

What else ?

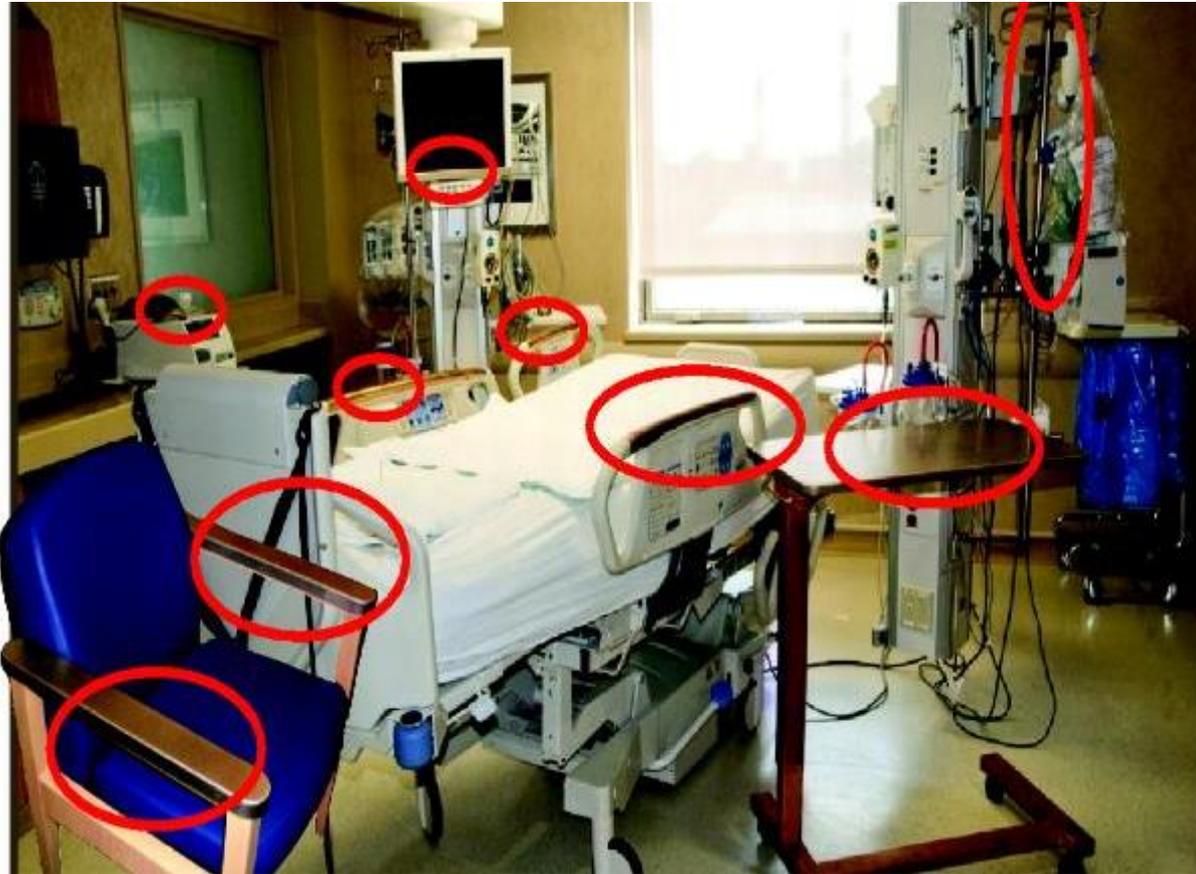
- simplification (make it usable)
- co-creation
- creativity
- community experience
- adaptation
- silo busting
- sharing economy principles
- use of SoMe

**What can
we learn for
environmental
hygiene ?**

No one wants to stay in a contaminated room



High touch areas in a hospital room



Journal of Clinical Microbiology DOI: 10.1128/JCM.01032-12

How long do nosocomial pathogens persist on inanimate surfaces?

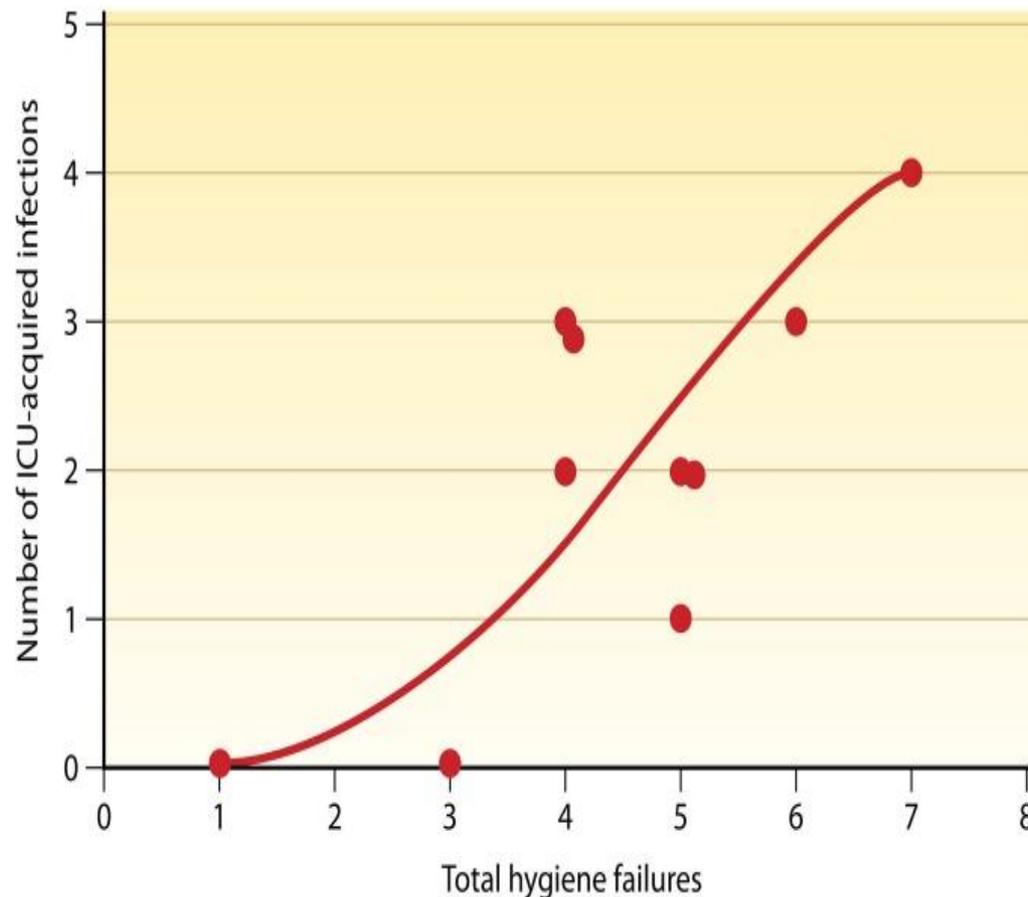
Table 1

Persistence of clinically relevant bacteria on dry inanimate surfaces.

Type of bacterium	Duration of persistence (range)	Reference(s)
<i>Acinetobacter</i> spp.	3 days to 5 months	[18, 25, 28, 29, 87, 88]
<i>Bordetella pertussis</i>	3 – 5 days	[89, 90]
<i>Campylobacter jejuni</i>	up to 6 days	[91]
<i>Clostridium difficile</i> (spores)	5 months	[92–94]
<i>Chlamydia pneumoniae</i> , <i>C. trachomatis</i>	≤ 30 hours	[14, 95]
<i>Chlamydia psittaci</i>	15 days	[90]
<i>Corynebacterium diphtheriae</i>	7 days – 6 months	[90, 96]
<i>Corynebacterium pseudotuberculosis</i>	1–8 days	[21]
<i>Escherichia coli</i>	1.5 hours – 16 months	[12, 16, 17, 22, 28, 52, 90, 97–99]
Enterococcus spp. including VRE and VSE	5 days – 4 months	[9, 26, 28, 100, 101]
<i>Haemophilus influenzae</i>	12 days	[90]
<i>Helicobacter pylori</i>	≤ 90 minutes	[23]
<i>Klebsiella</i> spp.	2 hours to > 30 months	[12, 16, 28, 52, 90]
<i>Listeria</i> spp.	1 day – months	[15, 90, 102]
<i>Mycobacterium bovis</i>	> 2 months	[13, 90]
<i>Mycobacterium tuberculosis</i>	1 day – 4 months	[30, 90]
<i>Neisseria gonorrhoeae</i>	1 – 3 days	[24, 27, 90]
<i>Proteus vulgaris</i>	1 – 2 days	[90]
<i>Pseudomonas aeruginosa</i>	6 hours – 16 months; on dry floor: 5 weeks	[12, 16, 28, 52, 99, 103, 104]
<i>Salmonella typhi</i>	6 hours – 4 weeks	[90]
<i>Salmonella typhimurium</i>	10 days – 4.2 years	[15, 90, 105]

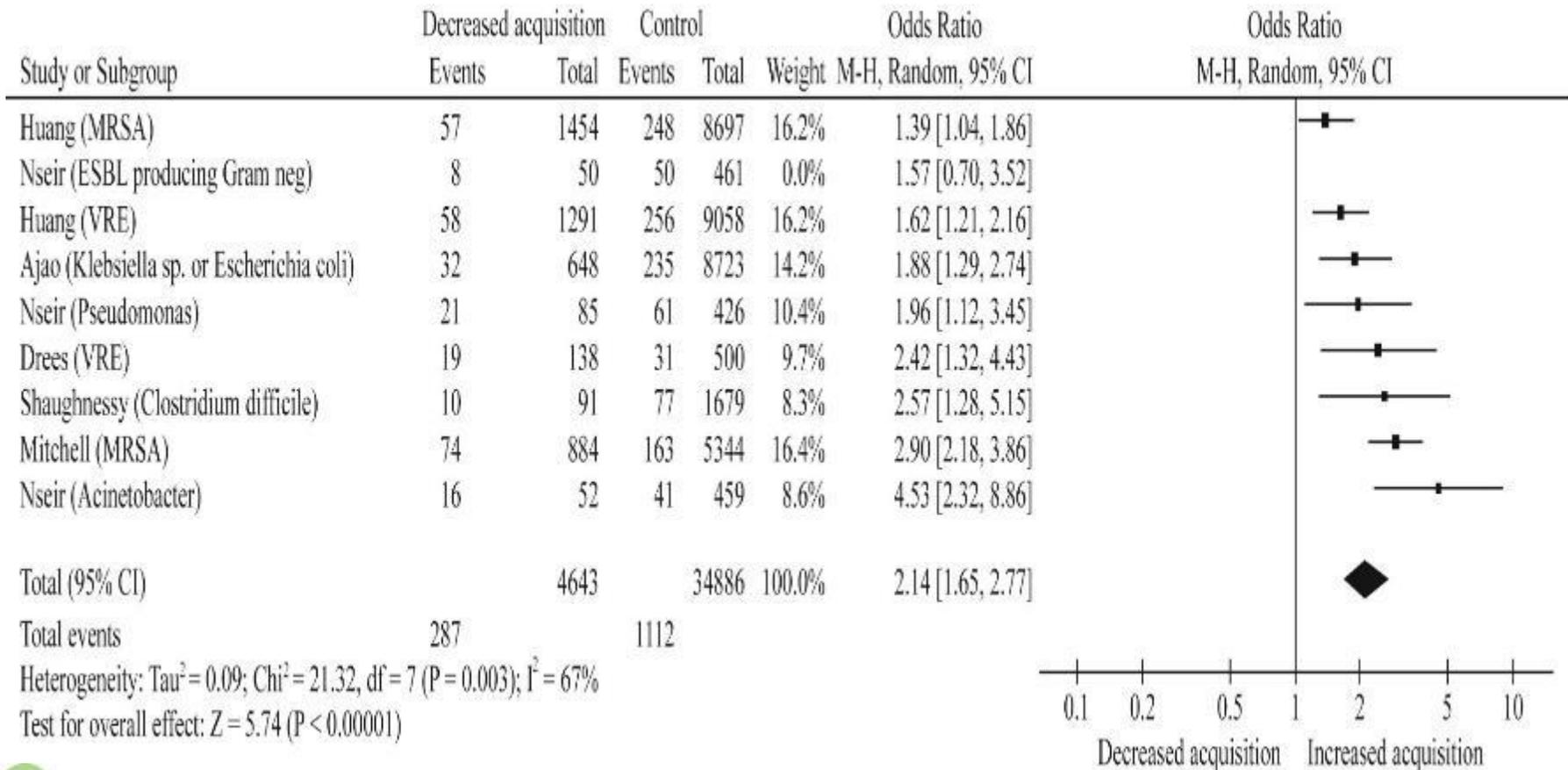
Kramer A, Schwebke I, Kampf G. BMC Infect Dis. 2006;6:130
doi: 10.1186/1471-2334-6-130.

Relationship between environmental bioburden and hospital-acquired infections



Dancer, S. J. Controlling Hospital-Acquired Infection: Focus on the Role of the Environment and New Technologies for Decontamination. *Clin. Microbiol. Rev.* 27, 665–690 (2014).

Risk of acquisition from prior room occupants by organism



Mitchell, B. G., Dancer, S. J., Anderson, M. & Dehn, E. Risk of organism acquisition from prior room occupants: a systematic review and meta-analysis. *J. Hosp. Infect.* 91, 211–217 (2015).

We Need:

- Clear definitions
- International guidelines based on evidence best practices
- Tools for education and implementation
- Quality trainings
- A shift in how hospitals view environmental hygiene



Return on Investment

For Hand Hygiene return on investment is up to 23x...

How much is ROI for hospital environmental hygiene?

Increased costs associated with AMR in HAI
(some estimates over €85 trillion by 2050)

- A small outbreak with 40 individuals cost over €1 million



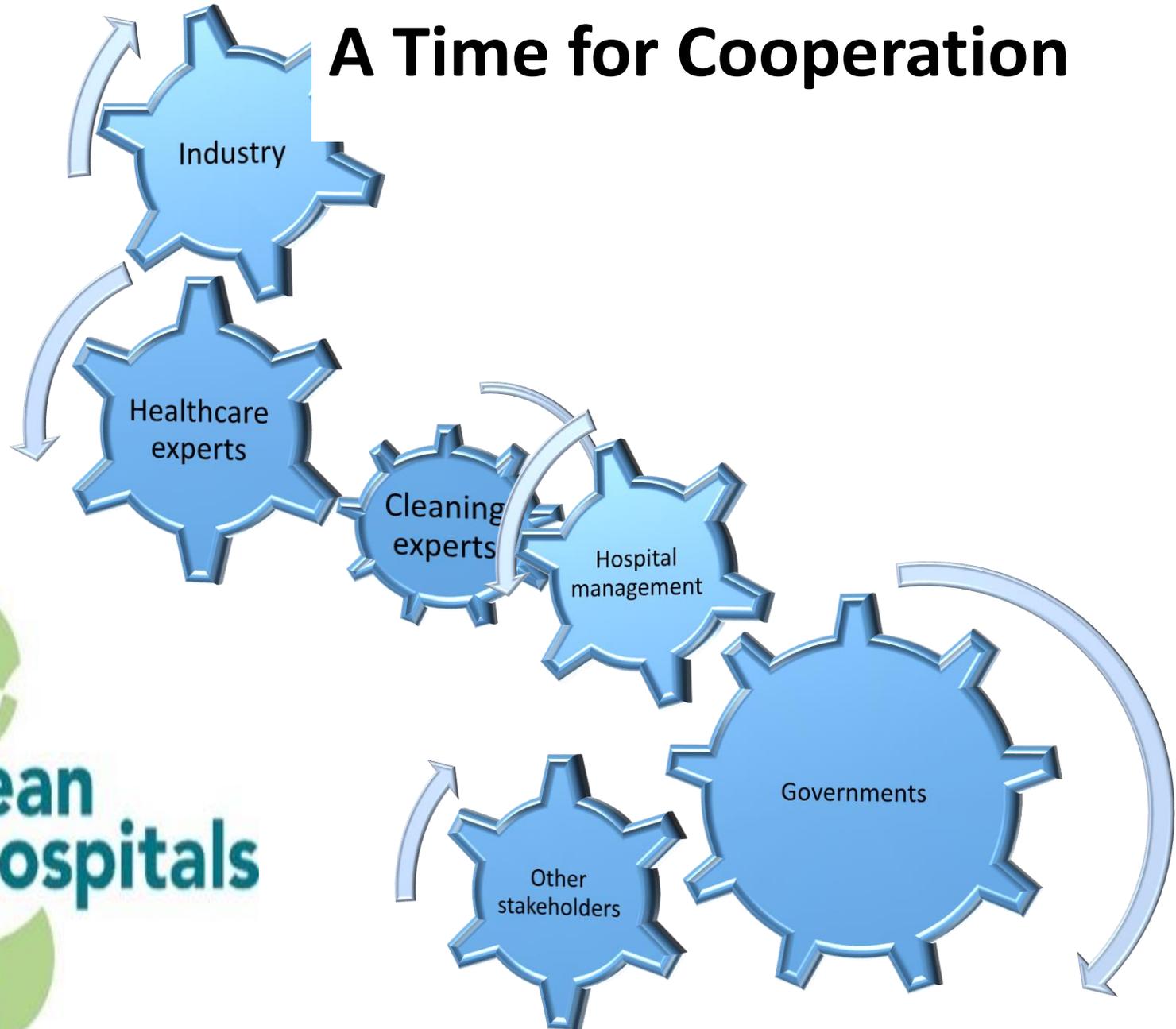
What is Clean Hospitals ?

- Connecting stakeholders & leading experts from around the world
- Making hospitals safer through improved environmental hygiene
- Benefiting public health by lowering rates of healthcare-associated infections, reducing antimicrobial resistance, and protecting hospital staff as well as the larger environment

Created to champion patient safety by improving hospital environmental hygiene



Clean Hospitals: A Time for Cooperation



**clean
hospitals**

Key objectives

To develop a comprehensive network connecting all the relevant stakeholders in the cause for a safer and cleaner patient environment

Through this extended collaboration, the group will initiate and support on-going initiatives for increasing awareness and focus on clean hospitals in health care settings around the world



Current projects:



- Development a core curriculum for training hospital environmental hygiene personnel
- Developing training modules for teaching a number of key subjects in environmental hygiene to hospitals
- Systematic review on the role of the hospital environment in healthcare-associated infections
- Subgroup on fake news in environmental hygiene
- Subgroup on mapping current guidelines
- Subgroup on sterilization and endoscope reprocessing
- Subgroup on a transposable model for hospital environmental hygiene

Four key ideas to keep in mind

- Healthcare environmental maintenance is a science
- We need more research to make our case stronger
- Hospitals must get out of the vicious circle of cutting costs and instead assess value
- We need to work together to protect patients



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