Hand Hygiene Education & Monitoring: Returning to the WHO “My Five Moments” Concept

Dr. Hugo Sax, University of Geneva Hospitals, Switzerland

Sponsored by WHO Patient Safety Challenge – Clean Care is Safer Care

The hand hygiene mystery device

- Originally, 70 different care situations listed as indications for hand hygiene
- Responded only to a specific care setting
- Danger of a ‘mystery device’ between observers and the observed

Design specifications for a new hand hygiene concept

- Simple
- Intuitive
- Robust > application to a wide variety of situations
- Healthcare workers can easily become observers
- Useful for monitoring, teaching/training, reporting

Transmission model

- What is the outcome to be prevented?

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Transmission model

The prevented outcomes
- Colonization with multiresistant pathogens
- Healthcare-associated infection

Transmission experiment

Transmission experiment

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2 indications in 1 opportunity

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One opportunity for hand hygiene

Two opportunities for hand hygiene

Gloves

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And yet another case

Scenario with 2 patients in one room

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Hand hygiene training

A good concept is not good enough

1. Translation into specific environment
2. Definition of patient zones involving healthcare workers
3. Training (not only information)

- Before touching a patient
- Before a clean/aseptic task
- After exposure to body fluids
- After touching a patient
- After touching the immediate patient environment

A little memory aid...

...including correct glove use!

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Future research

- Evidence for behavioral dimension >> implications for design
- Evidence for implementation and sustainability
- Evidence for in-detail transmission mechanisms
- Comparative outcome research

5 May, 2011
SAVE LIVES: Clean Your Hands
WHO’s Global Annual Campaign

Action for sustained hand hygiene!

Aiming for hand hygiene sustainability is the focus for SAVE LIVES: Clean Your Hands 5 May, 2011. Using the WHO Hand Hygiene Self Assessment Framework can help you ...

- Plan your own activities
- Undertake self-assessments
- Construct ways to highlight and share the 5 May message

Act on the WHO SAVE LIVES: Clean Your Hands messages ...

REGISTER TODAY www.who.int/gpsc/5may/en