

**The WHO First Global Patient Safety Challenge;
Testing the Implementation of the WHO Multimodal Hand Hygiene
Improvement Strategy:
Training Workshop**



Date of Training Workshop	<ul style="list-style-type: none"> ▪ August 27th and 28th 2007
Venue	<ul style="list-style-type: none"> ▪ University of Geneva Hospitals, Infection Control Programme (Unité Prévention et Control de l'Infection)
Purpose of the training workshop	<ul style="list-style-type: none"> ▪ To fulfill the requirements of the Guide to Implementation and ensure that the Pilot Site coordinators are trained in the methods of pilot testing. ▪ To ensure that downstream training of health-care workers in the specified Pilot Sites (Bangladesh, Pakistan and Saudi Arabia), in the techniques of observation and infection control can be undertaken by the designated coordinators in a standardized manner according to the WHO tools, in particular to the Manual for Observers. ▪ To agree where and how to collect evaluation data as required within the Guide to Implementation. ▪ To explore the feasibility of collecting data relating to the costs and benefits of implementation and consumption of hand hygiene products. ▪ To clarify the WHO alcohol-based handrub formulation, its production, distribution and evaluation. ▪ To review pilot progress against the schedule detailed within the Guide to Implementation
Objectives of the training workshop	<p>By the end of the workshop, participants should be able to:</p> <ul style="list-style-type: none"> ▪ Describe the components of the WHO Multimodal Hand Hygiene Improvement Strategy ▪ Familiarise themselves with the contents of the Pilot Implementation Pack and the rationale behind each of the tools ▪ List the Five Steps to Implementation ▪ Understand and apply the Five Moments for hand hygiene in practice ▪ Observe the complexity of opportunities for hand hygiene in practice ▪ Analyze various scenarios involving patient contact/clinical practice ▪ Understand the WHO observational compliance monitoring tools and their application

	<ul style="list-style-type: none"> ▪ Identify and use the range of available tools for staff education on health care-associated infections and hand hygiene in health care ▪ Be aware of the range of evaluation tools required to complete testing and their application ▪ Develop an understanding of the methods of data collection which will occur during Step 2 and 4; ▪ Become familiar with the epi-info tools and the data analysis requirements; ▪ Describe the barriers to implementation and how these can be overcome; ▪ Develop an understanding of the action planning and review cycle;
Method of delivery	<ul style="list-style-type: none"> ▪ The workshop will be delivered using: <ul style="list-style-type: none"> ○ exposition, ○ visual and practical demonstrations, ○ group-work, ○ video simulation ▪ Pilot site coordinators will undertake ward visits in small groups to apply theory to practice
Proposed agenda	<ul style="list-style-type: none"> ▪ The agenda can be seen in appendix 1
Expected outcome	<ul style="list-style-type: none"> ▪ Participants will be able to apply the methodology described within the Guide to Implementation for improving hand hygiene in a highly reliable way within each of the pilot sites. ▪ Participants will have a complete appreciation of the complexity of measuring compliance as a marker of success, and will be skilled in undertaking compliance monitoring according to the WHO methodology.
Pre-workshop preparation	<ul style="list-style-type: none"> ▪ Pilot site coordinators should familiarize themselves with the: <ul style="list-style-type: none"> ○ Guide to Implementation ○ The WHO Guidelines on Hand Hygiene in Health Care <p>http://www.who.int/patientsafety/information_centre/ghhad_download/en/index.html</p>

Appendix 1:

WHO multimodal hand hygiene improvement strategy

Proposed Draft training course schedule

Monday 27 August

Morning

- 08:30-09:00 Brief presentation of the course and participants
- 09:00-09:20 The World Alliance for Patient Safety, the First Global Patient Safety Challenge and its implementation strategy (Didier Pittet)
- 09:20-09:40 From the University of Geneva experience to the WHO Guidelines on Hand Hygiene in Health Care: the scientific evidence-based background of hand hygiene promotion (Didier Pittet)
- 09:40-09:50 Discussion
- 09:50-10:10 Introduction to the WHO multimodal hand hygiene improvement strategy and tools (Benedetta Allegranzi)
- 10:10-10:30 Coffee break
- 10:30-10:50 The "Five moments for hand hygiene" approach (Hugo Sax)
- 10:50-11:00 Discussion
- 11:00-11:30 The WHO method and tools for hand hygiene observation (Hugo Sax and Marie-Noelle Chraiti)
- 11:30-11:50 The observation form (Marie-Noelle Chraiti)
- 12:50-12:30 Discussion
- 12:30-13:30 Break

Afternoon*

- 13:30-14:30 The WHO-recommended alcohol-based handrubs and local production issues (William Griffith)
- 14:30-15:45 "A Guide to Implementing the WHO multimodal hand hygiene improvement strategy and tools" (Julie Storr & Benedetta Allegranzi) – PART 1
- A "walk-through" the **Five Step** approach

- The Pilot Implementation Pack – an overview of all of the available tools
- 15:45-16:00 Coffee break
- 16:00-17:00 "A Guide to Implementing the WHO multimodal hand hygiene improvement strategy and tools" (Julie Storr & Benedetta Allegranzi) – PART 2
- 17:00-17:30 Final discussion, Q&A

Tuesday 28 August

Morning*

- 08:30-09:15 The education session on healthcare-associated infections and hand hygiene and related tools (Benedetta Allegranzi)
- 09:15-09:45 The cost-benefit tool (Gerald Dziekan)
- 09:45-10:00 Coffee break
- 10:00-11:00 The epiinfo tools: from data input to analysis and report (Hervé Richet)
- 11:00-13:00 The training films (Benedetta Allegranzi and Marie-Noelle Chraïti)
- 13:00-14:00 Break

Afternoon

- 14:00-16:00 Practical observation sessions at some HUG wards (only for the pilot site coordinators and the 3 Iranian nurses)

*Time for discussion is included in each presentation

Note: country experiences on hand hygiene promotion will be reported during the WHO meeting on hand hygiene national/sub-national campaigns on 29-30 August.