



RRT Advanced training package

B6.3 Skills stations on IPC – Instructor guide

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Objectives:

Enable participants to practice hand hygiene, donning and doffing of PPE, chlorine solution preparation.

Estimated Time: 30’ per station, 90’ for the 3.

Materials (see detailed list of supplies needed for each station in Annex 1 below)

1. Soap and water, alcohol hand-rub, PPEs, chlorine solution.
2. Posters showcasing steps in wearing and taking off PPE, hand washing, alcohol hand rub, chlorine solution preparation.
3. Containers for water, soap, water receiver (when performing hand washing, etc.)

Process

1. Provide stations (desks) for each topic: hand washing, PPE, chlorine solution.
2. Train organizing team member or participant on specific skills and allow them to oversee skills practice by participants.
3. Participants can practice several times. (Note: In case of limited supplies of PPE, participants maybe requested to keep one e.g., mask and share others e.g., gown for practice purpose with clear explanation that this should not be the case in actual investigation.)

Annex 1: Supplies needed for the skill stations for the development of skills in Standard Precautions and disinfection

Skills Station 1: Hand Hygiene

|  |  |
| --- | --- |
| Item | Quantity |
| Bars of soap or containers of liquid soap | 2 Bars of soap, or 2 containers of liquid soap |
| Containers of alcohol-based hand rub | 5 small bottles of alcohol hand rub |
| Paper towels | 2 packets 100 of paper towels or |
| Personal hand towel | 1 per participant (small hand towels) |
| Waste receptacle | 2 buckets for waste |
| Plastic buckets | 6 buckets approximately 20 liter capacity (at least 2 of these should have lids) |
| Small plastic pitcher | 2 |
| Glogerm kit | 2 sets (<http://www.glogerm.com/>) |

Skills Station 2: Donning and doffing PPE

|  |  |
| --- | --- |
| Item | Quantity |
| Gowns | At least 5 (for economy reason, with special instruction not to re-use) |
| Cover all | At least 2 (for economy reason, with special instruction not to re-use) |
| Masks | One per participant |
| Gloves | One pair for each participant |
| Waste receptacle | 2 plastic buckets for waste |

**Skills Station 3: Preparing 0.5 % Chlorine stock solution (Strong solution: to clean and disinfect surfaces, objects, and body fluid spills)**

|  |  |
| --- | --- |
| Item | Quantity |
| Any of the chemical products as shown below | See quantity below |
| 1 L Plastic bucket with lid | 2 |
| Tablespoon | 1 |
| Stick for stirring | 1 |
| Paper/pen to label the bucket |  |
| Water |  |

Chemical Products to use (can use any one in the list)

|  |  |  |  |
| --- | --- | --- | --- |
| Chemical product | % available chlorine | Required amount | Approximate measurements |
| Bleach powder (Chlorine of lime) | 35 | 14.3 g | 1 tablespoon |
| High-test hypochlorite  or Calcium hypochlorite | 70 | 7 g | 0.5 tablespoon |
| Liquid laundry bleach | 5 | 200 ml | 2 liters |

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