



## Hand Hygiene Moment 1 Observation Form

(adapted from the original WHO 5 Moments "Observation Form")

<b>Facility*:</b>	<b>Period Number*:</b>	<b>Session Number*:</b>
<b>Ward:</b>	<b>Date:</b> (dd/mm/yy)      /      /	<b>Observer:</b> (initials)
<b>Department*:</b>	<b>Start/End time:</b> (hh:mm)      :      /      :	<b>Page N°:</b>
<b>Country*:</b>	<b>Session duration:</b> (mm)	<b>City*:</b>

Prof.cat			Prof.cat			Prof.cat			Prof.cat		
Total no. persons observed			Total no. persons observed			Total no. persons observed			Total no. persons observed		
Opp N°	Indication	HH Action	Opp N°	Indication	HH Action	Opp N°	Indication	HH Action	Opp N°	Indication	HH Action
1	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	1	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	1	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	1	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed
2	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	2	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	2	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	2	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed
3	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	3	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	3	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	3	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed
4	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	4	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	4	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	4	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed
5	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	5	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	5	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	5	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed
6	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	6	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	6	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	6	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed
7	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	7	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	7	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	7	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed
8	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	8	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	8	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	8	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed
9	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	9	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	9	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	9	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed
10	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	10	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	10	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed	10	bef-pat.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="radio"/> missed

**Professional category codes (including respective students): 1. Nurse/midwife; 2. Auxiliary; 3. Medical doctor; 4. Others**

**\* To be completed by the data manager, according to the standardized nomenclature (see next page)**



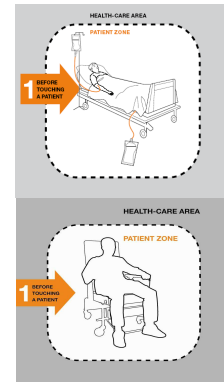
## Instructions for using the Hand Hygiene Moment 1 Observation Form

### Purposes

- To assess health-care worker compliance with an important indication for hand hygiene (before touching a patient) in a global survey on a specific occasion (on or around 5 May 2010)
- To raise awareness of the importance of Moment 1 to protect the patient from germ transmission by health-care workers' hands

### Definitions

- Opportunity:** moment during health-care activities when hand hygiene is necessary to interrupt germ transmission by hands. The opportunity exists whenever one of the indications for hand hygiene occurs and is observed.
- Indication "before touching a patient":** the indication applies before the health-care worker touches the patient when approaching her/him within the patient zone.
- Patient zone:** the patient zone includes the patient and his/her immediate surroundings, at any point in time, in any health-care setting, including the bed or the chair and all associated equipment or furniture.
- Hand hygiene action:** response to a hand hygiene indication; it can be either a positive action by performing alcohol-based handrub (HR) or handwash (HW), or a negative action by missing handrub or handwash (missed).
- Observed professionals:** health-care workers who have contacts with the patient, belonging to one of the following professional categories (including respective student): 1. Nurse / Midwife; 2. Auxiliary; 3. Medical Doctor; 4. Other health-care worker



Definitions are adapted from the Hand Hygiene Technical Reference Manual (downloadable from <http://www.who.int/gpsc/5may/tools/en/index.html>)

### The form: instructions for observation and use

- Observers using this form should be aware of purposes and scope of the Moment 1 global observation survey (see Moment 1 Global Survey Instructions at <http://www.who.int/gpsc/5may/en/>)
- This form is divided into two main parts: 1) a header with information on the origin/time/setting of collected data and a grid to enter observed hand hygiene data; and 2) the calculation form to allow a quick compliance calculation if no electronic database is available.
- The grid is divided into four columns; each column should be dedicated to a specific professional category coded at the top and used to record their hand hygiene practices.
- Each box in each column refers to one detected indication "before touching a patient" and the observed (or missed) related hand hygiene action.
- The header should be completed before starting the observation; "end" time should be entered upon completion of the session.
- An observation day can be divided into several observation sessions that should take place in selected wards or departments (to be identified in advance) or facility-wide. Ideally, about 50 opportunities of Moment 1 should be detected per ward or department and all indicated professional categories should be represented.
- Each time an observed health-care worker enters the patient zone from the health-care area and touches a patient, the indication "before touching a patient" (bef-pat) applies. The observer should note the observed or missed hand hygiene action related to this indication in the appropriate box and column.
- Hand hygiene actions should be recorded only if they correspond to the actual occurrence of Moment 1. When Moment 1 occurs at the same time as other opportunities (e.g. "before clean/aseptic procedure"), only Moment 1 should be recorded in the present survey.
- Several health-care workers may be sequentially included during one session. Health-care workers from the same professional category should be included in the same column. The number of health-care workers included in each column should be recorded below their professional code ("Total no. persons observed"). No more than three professionals may be observed simultaneously. When few professionals are involved and the care situation is not complex, observers may decide to simultaneously observe health-care workers involved with two patients close to each other in the same room.
- Given that the primary focus of the observation in this survey is Moment 1, it may not be necessary for the observer to follow the entire care sequence if this is expected to last for a long time.
- If necessary, several pages may be completed during one session. In this case, the page number would be recorded (header).
- The observer signs the form with his/her initials after verifying that it has been correctly completed and before submitting it to a central 'data manager' and/or completing the calculation form.

**Information that must be completed by the data manager** (if the analysis is meant to be undertaken through either the WHO web-based data collection site or the use of Epi Info "Data Entry Analysis Tool")

**Facility:** name of the health-care facility according to the local nomenclature.

**Country:** country where the health-care facility is located.

**Department:** medical, surgery, mixed, obstetrics, paediatrics, intensive care & resuscitation, emergency, long-term & rehabilitation, ambulatory, other.

**Period Number:** number attributed to the period when the survey is performed, if repeated surveys are undertaken.

**Session Number:** number of the observation session within the same survey.



## Hand Hygiene Moment 1 Observation Form – Basic Compliance Calculation

Session N°	Facility:			Period:			Setting:			Total per session					
	Prof.cat.			Prof.cat.			Prof.cat.			Prof.cat.					
	Opp (n)	HW (n)	HR (n)	Opp (n)	HW (n)	HR (n)	Opp (n)	HW (n)	HR (n)	Opp (n)	HW (n)	HR (n)	Opp (n)	HW (n)	HR (n)
1															
2															
3															
4															
5															
6															
7															
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14															
15															
16															
17															
18															
19															
20															
<b>Total</b>															
<b>Calculation</b>	Act (n) =			Act (n) =			Act (n) =			Act (n) =			Act (n) =		
	Opp (n) =			Opp (n) =			Opp (n) =			Opp (n) =			Opp (n) =		
<b>Compliance</b>															

$$\text{Compliance (\%)} = \frac{\text{Actions}}{\text{Opportunities}} \times 100$$

### Instructions for use

1. Identify the setting (ward, service, department) to allow analysis according to the scope of observation previously defined for the survey.
2. Record the number of each session undertaken during the current survey and related observation data by professional category, in the same line. This attribution of a session number validates the fact that data has been taken into account for compliance calculation.
3. Results per professional category and per session (vertical columns):
  - 3.1 Sum up recorded opportunities (“opp”) in the case report form per professional category and record the sum in the corresponding cell in the calculation form.
  - 3.2 Sum up the positive hand hygiene actions related to the total of opportunities above, distinguishing between handwash (HW) and handrub (HR), and record the sum in the corresponding cell in the calculation form.
  - 3.3 Proceed in the same way for each session.
  - 3.4 Total all sums for each professional category to calculate the compliance rate (given in percent)
4. The addition of the results of each line in the shaded right-hand column will allow a calculation of the overall compliance.

This observation form has been adapted from the original WHO Observation Form ([http://www.who.int/gpsc/5may/tools/training\\_education/en/index.html](http://www.who.int/gpsc/5may/tools/training_education/en/index.html))