

## Minimizing Infection through Improved Infection Control

Dear Colleague,

The WHO World Alliance for Patient Safety has developed a curriculum guide for Medical Schools for teaching patient safety to medical students. As part of your medical course you will participate in learning experiences which have been derived from this curriculum guide. One of these learning experiences focuses on minimising infection through infection control. The following questionnaire has been designed in order to evaluate the levels of knowledge and attitudes to this topic regarding this topic. Completion of this questionnaire will be very helpful in evaluating the effectiveness of the patient safety curriculum but it is not mandatory. We estimate it will take approximately 10 minutes to complete the questionnaire. Please respond to the questions honestly, and if you would prefer not to respond to a particular question then just leave it blank. The questionnaire is anonymous and any information you provide will be reported at a group level, not individually. The data collected will be used to inform future revision of the patient safety curriculum and its delivery to make it more effective and responsive to student needs.

**You are being asked to complete this form as part of a study.  
This will not form part of your final assessment.  
Completing it is not compulsory.**

### Introductory question

What is your current year of study? (Please circle as appropriate)

1<sup>st</sup> year      2<sup>nd</sup> year      3<sup>rd</sup> year      4<sup>th</sup> year      5<sup>th</sup> year      6<sup>th</sup> year

### Questionnaire

#### Section 1

Please consider the following scenario and then answer the questions that follow.

#### Scenario

You are on a clinical attachment and the doctor asks you to take blood samples from a patient. Some of the actions you may perform whilst doing this are listed below. Take a moment to think about these items.

- Retrieving your prior knowledge about infection control
- Using universal precautions
- Using personal protection methods

1.01 Considering the next 10 times you take blood samples from a patient, on how many occasions do you think you are likely to carry out all the actions detailed in the box above? (please circle as appropriate).

0      1      2      3      4      5      6      7      8      9      10

The following statements all relate to the scenario and actions detailed in the box above. Please circle the option which mostly closely describes your response.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1.02 I know how to undertake these actions.	1	2	3	4	5
1.03 I expect to perform these actions.	1	2	3	4	5
1.04 I want to perform these actions.	1	2	3	4	5
1.05 I intend to perform these actions.	1	2	3	4	5

1.06 Performing these actions when taking blood would be

Harmful   5     4     3     2     1   Beneficial  
 Good   5     4     3     2     1   Bad  
 Pleasant (for me)   5     4     3     2     1   Unpleasant (for me)

Worthless\_\_5\_\_\_4\_\_\_3\_\_\_2\_\_\_1\_\_Useful

	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
1.07 If I perform these actions my practice will be safer.	1	2	3	4	5
1.08 If I perform these actions the procedure will take longer.	1	2	3	4	5
1.09 Performing these actions is unnecessary when taking blood.	1	2	3	4	5
	<b>Extremely Undesirable</b>				<b>Extremely Desirable</b>
1.10 Being safe when taking blood is	1	2	3	4	5
1.11 Taking your time when taking blood is	1	2	3	4	5
1.12 Being thorough when taking blood is	1	2	3	4	5
	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
1.13 Most people who are important to me (e.g. colleagues, tutors, friends, family) think that I should perform these actions when taking blood.	1	2	3	4	5
1.14 It is expected that I will perform these actions when taking blood.	1	2	3	4	5
1.15 I feel under social pressure to perform these actions when taking blood.	1	2	3	4	5
1.16 People who are important to me (e.g. colleagues, tutors, friends, family) want me to perform these actions when taking blood.	1	2	3	4	5
1.17 The following people think that I should perform these actions when taking blood:	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
• Patients	1	2	3	4	5
• Tutors	1	2	3	4	5
• Senior Doctors	1	2	3	4	5
• Junior Doctors	1	2	3	4	5
• Other Students	1	2	3	4	5
	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
1.18 Doctors would perform these actions when taking blood.	1	2	3	4	5
	<b>Not at all</b>				<b>Very much</b>
1.19 Other students' approval of my practice is important to me.	1	2	3	4	5
1.20 Doctors' approval of my practice is important to me.	1	2	3	4	5
1.21 My tutors' approval of my practice is important to me.	1	2	3	4	5
	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
1.22 I am confident that I could perform these actions when taking blood.	1	2	3	4	5
	<b>Easy</b>				<b>Difficult</b>
1.23 For me to perform the actions listed above	1	2	3	4	5

when taking blood would be

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1.24 The decision to perform these actions when taking blood is beyond my control.	1	2	3	4	5
1.25 Whether I perform these actions when taking blood or not is entirely up to me.	1	2	3	4	5
1.26 Time pressures when I start work as a doctor are likely to make it difficult for me to perform these actions when taking blood.	1	2	3	4	5
1.27 Other demands in the workplace are likely to make it difficult for me to perform these actions when taking blood.	1	2	3	4	5

## Section 2

### Scenario

You observe a fellow student has not washed their hands after examining a patient and is going to examine another patient. You have to choose whether to talk to them about this and encourage them to wash their hands.

2.01 You may encounter similar situations in your practice both as a student and after qualifying. Considering the next 10 times you observe such an incident, on how many occasions do you think you are likely to talk to your colleague as described in the box above? (please circle as appropriate).

0      1      2      3      4      5      6      7      8      9      10

The following statements all relate to the scenario and actions detailed in this section, in the box above. Please circle the option which mostly closely describes your response.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
2.02 I know how to encourage handwashing.	1	2	3	4	5
2.03 I expect to encourage handwashing.	1	2	3	4	5
2.04 I want to encourage handwashing.	1	2	3	4	5
2.05 I intend to encourage handwashing.	1	2	3	4	5

2.06 Encouraging handwashing in such a circumstance would be

Harmful   5     4     3     2     1   Beneficial  
 Good   5     4     3     2     1   Bad  
 Pleasant (for me)   5     4     3     2     1   Unpleasant (for me)  
 Worthless   5     4     3     2     1   Useful

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
2.07 If I encourage handwashing patient care will be safer.	1	2	3	4	5
2.08 If I encourage handwashing tasks will take longer.	1	2	3	4	5
2.09 Encouraging colleagues to wash their hands unnecessary.	1	2	3	4	5

	Extremely Undesirable				Extremely Desirable
2.10 Universal use of handwashing is	1	2	3	4	5

2.11 Taking time for handwashing is	1	2	3	4	5
2.12 Being thorough when handwashing is	1	2	3	4	5
	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
2.13 Most people who are important to me (e.g. colleagues, tutors, friends, family) think that I should encourage colleagues to wash their hands	1	2	3	4	5
2.14 It is expected that I will encourage colleagues to wash their hands.	1	2	3	4	5
2.15 I feel under social pressure to encourage colleagues to wash their hands.	1	2	3	4	5
2.16 People who are important to me (e.g. colleagues, tutors, friends, family) want me to encourage handwashing.	1	2	3	4	5
2.17 The following people think that I should encourage colleagues to wash their hands:	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
• Patients	1	2	3	4	5
• Tutors	1	2	3	4	5
• Senior Doctors	1	2	3	4	5
• Junior Doctors	1	2	3	4	5
• Other Students	1	2	3	4	5
	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
2.18 Doctors would encourage colleagues to wash their hands.	1	2	3	4	5
	<b>Not at all</b>				<b>Very much</b>
2.19 Other students' approval of my practice is important to me.	1	2	3	4	5
2.20 Doctors' approval of my practice is important to me.	1	2	3	4	5
2.21 My tutors' approval of my practice is important to me.	1	2	3	4	5
	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
2.22 I am confident that I could encourage colleagues to wash their hands.	1	2	3	4	5
	<b>Easy</b>				<b>Difficult</b>
2.23 For me to encourage colleagues to wash their hands would be	1	2	3	4	5
	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
2.24 The decision to encourage colleagues to wash their hands is beyond my control.	1	2	3	4	5
2.25 Whether I encourage colleagues to wash their hands or not is entirely up to me.	1	2	3	4	5
2.26 Time pressures when I start work as a doctor are likely to make it difficult for me to encourage colleagues to wash their hands.	1	2	3	4	5
2.27 Other demands in the workplace are likely to make it difficult for me to encourage colleagues to wash their hands.	1	2	3	4	5

*Thank you for taking the time to complete this questionnaire.*