

Introduction

The goal of this survey is to understand what contact precautions policy options you prefer and what approach to glove and gown use seems most feasible to you.

You are being asked to participate in a research study that seeks to learn how gloves and gowns can be used more strategically in our hospitals when caring for patients who have Methicillin-resistant *Staphylococcus aureus* (MRSA). By completing this survey, you are consenting to participate in the study.

Please understand that:

1. This survey is anonymous. Your name will not be recorded with your answers.
2. Your participation is voluntary. You are not required to take the survey. There are no risks to participation and only study personnel and associated entities will have access to research records. These entities include the Weill Cornell Medical College, The University of Maryland Baltimore, and The University of Pittsburgh Institutional Review Boards.
3. If you agree to participate, the survey should take about 15 minutes to finish.

If you have questions, please contact the study Principal Investigator, Lyndsay O'Hara, at lohara@som.umaryland.edu or 410-706-0068.

The survey starts with a few questions about you, your work in the hospital, and your thoughts and practices related to the use of contact precautions (wearing gloves and a gown) when interacting with patients with MRSA.

You will then be asked **8 questions** that ask you to select your preference between two different policies for the use of contact precautions for patients with MRSA. These policies will differ in terms of the hospital location, healthcare personnel job type, and type of interaction with the patient for which contact precautions would be required.

intro

The goal of this survey is to understand what contact precautions policy options you prefer and what approach to glove and gown use seems most feasible to you.

You are being asked to participate in a research study that seeks to learn how gloves and gowns can be used more strategically in our hospitals when caring for patients who have Methicillin-resistant *Staphylococcus aureus* (MRSA). By

completing this survey, you are consenting to participate in the study.

Please understand that:

1. This survey is anonymous. Your name will not be recorded with your answers.
2. Your participation is voluntary. You are not required to take the survey. There are no risks to participation and only study personnel and associated entities will have access to research records. These entities include the Weill Cornell Medical College, The University of Maryland Baltimore, and The University of Pittsburgh Institutional Review Boards.
3. If you agree to participate, the survey should take about 15 minutes to finish.

If you have questions, please contact the study Principal Investigator, Lyndsay O'Hara, at lohara@som.umaryland.edu or 410-706-0068.

The survey starts with a few questions about you, your work in the hospital, and your thoughts and practices related to the use of contact precautions (wearing gloves and a gown) when interacting with patients with MRSA.

You will then be asked **8 questions** that ask you to select your preference between two different policies for the use of contact precautions for patients with MRSA. These policies will differ in terms of the hospital location, healthcare personnel job type, and type of interaction with the patient for which contact precautions would be required.

Demographics

Where do you work?

- ☐ University of Maryland Medical Center
- ☐ Universtiy of Pittsburgh Medical Center
- ☐ New York Presbyterian/Weill Cornell

What is your gender?

- ☐ Male
- ☐ Female
- ☐ Non-binary
- ☐ Other
- ☐ Prefer not to say

What is your role?

- ☐ Nurse
- ☐ Patient Care Technician
- ☐ Medical Doctor/Resident/Fellow/Nurse Practitioner/Physician Assistant
- ☐ Respiratory Therapist
- ☐ Occupational Therapist/Physical Therapist
- ☐ Environmental Services
- ☐ Other (please specify)

How long have you worked in your current role?

- ☐ < 2 years
- ☐ 2-5 years
- ☐ 6-10 years
- ☐ > 10 years

Do 50% or more of your patient encounters occur in the ICU setting?

- ☐ Yes
- ☐ No

Research has shown that some healthcare personnel types are more likely to have their gloves and gowns contaminated with MRSA after providing patient care or performing their job tasks. Given your current job, which risk category do you think you would fall into?

- ☐ High risk (gloves and gown contaminated with MRSA after about 30% of interactions)
- ☐ Moderate risk (gloves and gown contaminated with MRSA after about 15% of interactions)
- ☐ Low risk (gloves and gown contaminated with MRSA after about 5% of interactions)

We would like to know what motivates you to use Contact Precautions (wear gloves and a gown when interacting with patients with MRSA).

For each potentially motivating factor listed, please use the scale below and

slide the circle to the number that indicates how much this factor motivates you to use contact precautions.

The scale is numbered from **1** to **10**.

1 means that you are NOT motivated at all by the factor. **10** means that you are highly motivated by the factor.

		1	2	3	4	5	6	6	7	8	9	10	
			Not Motivated			Somewhat Motivated			Highly Motivated				
To protect YOURSELF	<input type="radio"/>												<input type="text"/>
To protect OTHER PATIENTS	<input type="radio"/>												<input type="text"/>
To protect YOUR FAMILY	<input type="radio"/>												<input type="text"/>

For patients who are on contact precautions, how often do you wear gloves and a gown as per the guidelines of your hospital?

- ☐ All of the time
- ☐ Most of the time
- ☐ Some of the time
- ☐ None of the time

Pre-experiment questions

Contact precautions is the use of gloves and gowns by healthcare personnel when caring for a patient who is colonized or infected with MRSA. This is used to reduce the risk of spreading MRSA from one patient to another by preventing transmission of MRSA from the patient or their environment to the hands and clothes of healthcare personnel.

Previous research has found that the frequency of transmission of MRSA from patients to healthcare personnel's gloves and gowns varies among different types of **healthcare personnel**, different acute care **settings**, and different patient care **activities**.

The table below shows how often the gloves and/or gown of healthcare personnel are contaminated with MRSA after performing their job tasks in the room of a patient who has MRSA.

For example, contamination has been observed in about 30% of occupational, physical, and respiratory therapists, as compared to about 5% of environmental services personnel, social workers, and dieticians.

Contamination has been observed in about 20% of interactions with patients with MRSA in ICUs and other special areas such as Emergency Departments and bone marrow transplant units, as compared to about 10% in other areas of the hospital.

Contamination has also been observed more frequently when healthcare personnel perform activities that involve touching the patient (15% of the time) as compared to activities that do not involve touching the patient (5% of the time).

	Percentage of interactions with patient and/or environment that results in contamination of gloves and/or gown:
Healthcare personnel	

Higher-risk (occupational therapists, physical therapists, respiratory therapists)	30%
Lower-risk (environmental services employees, social workers, dieticians)	5%
Setting	
ICU	20%
Special higher-risk areas (bone marrow transplant unit, emergency department)	20%
Non-ICU	10%
Activity	
Higher-risk (touching the patient, touching the patient AND the environment)	15%
Lower-risk (touching nothing or touching ONLY the environment)	5%

DCE Choice sets

The next 8 questions will show you 2 different policy options side by side. Some will require more glove and gown use by some people, in some areas of the hospital, or for some job tasks. Some will require less glove and gown use.

You will be asked to pick which of the two policies you prefer. It is OK if you like both options, or if you do not like either option– you only have to pick which of the two you prefer more.

1) If these were your only options, which contact precautions policy would you choose?

Explanation:

In **Policy 1**, gloves and a gown would only be required by higher-risk healthcare personnel (such as respiratory therapists), in all areas of the hospital, and only when they are doing tasks that involve touching the patient.

In **Policy 2**, gloves and a gown would be required by all healthcare personnel, only when working in the ICU and special higher-risk areas (such as the bone marrow transplant unit or the emergency department), and for all activities in the patient room.

	Policy 1	Policy 2
Healthcare personnel	Higher-risk healthcare personnel only	All
Setting	All	ICU and other higher-risk areas only
Activity	Touching the patient only	All

Policy 1

Policy 2

Your choice:



2) If these were your only options, which contact precautions policy would you choose?

Explanation:

In **Policy 1**, gloves and a gown would only be required by higher-risk healthcare personnel (such as respiratory therapists), in all areas of the hospital, and only when they are doing tasks that involve touching the patient.

In **Policy 2**, gloves and a gown would be required by all healthcare personnel, in all areas of the hospital, and for all activities in the patient room.

	Policy 1	Policy 2
Healthcare personnel	Higher-risk healthcare personnel only	All
Setting	All	All
Activity	Touching the patient only	All

Policy 1

Policy 2

**Your
choice:**



3) If these were your only options, which contact precautions policy would you choose?

Explanation:

In **Policy 1**, gloves and a gown would be required only by higher-risk healthcare personnel (such as respiratory therapists), only when they are working in the ICU and higher-risk areas (such as the bone marrow transplant unit or the emergency department), and for all activities in the patient room.

In **Policy 2**, gloves and a gown would be required only by higher-risk healthcare personnel (such as respiratory therapists), in all areas of the hospital, and only when they are doing tasks that involve touching the patient.

	Policy 1	Policy 2
--	----------	----------

Healthcare personnel	Higher-risk healthcare personnel only	Higher-risk healthcare personnel only
Setting	ICU and other higher-risk areas only	All
Activity	All	Touching the patient only

Policy 1**Policy 2**

Your choice:



4) If these were your only options, which contact precautions policy would you choose?

Explanation:

In **Policy 1**, gloves and a gown would be required only by higher-risk healthcare personnel (such as respiratory therapists), in all areas of the hospital, and for all activities in the patient room.

In **Policy 2**, gloves and a gown would be required only by higher-risk healthcare personnel (such as respiratory therapists), only in the ICU and other higher-risk areas (such as the emergency department or bone marrow transplant unit), and only when they are doing tasks that involve touching the patient.

	Policy 1	Policy 2
Healthcare personnel	Higher-risk healthcare personnel only	Higher-risk healthcare personnel only

Setting	All	ICU and other higher-risk areas only
Activity	All	Touching the patient only

Policy 1**Policy 2**

Your choice:



5) If these were your only options, which contact precautions policy would you choose?

*In **Policy 1**, gloves and a gown would be required only by higher-risk healthcare personnel (such as respiratory therapists), only when working in the ICU and other higher-risk areas (such as the emergency department or the bone marrow transplant unit), and for all activities in the patient room.*

*In **Policy 2**, gloves and a gown would be required by all healthcare personnel, in all areas of the hospital, and only when they are doing tasks that involve touching the patient.*

	Policy 1	Policy 2
Healthcare personnel	Higher-risk healthcare personnel only	All
Setting	ICU and other higher-risk areas only	All

Activity	All	Touching the patient only
	Policy 1	Policy 2
Your choice:	<input type="radio"/>	<input type="radio"/>

6) If these were your only options, which contact precautions policy would you choose?

*In **Policy 1**, gloves and a gown would be required only by higher-risk healthcare personnel (such as respiratory therapists), in all areas of the hospital, and for all activities in the patient room.*

*In **Policy 2**, gloves and a gown would be required by all healthcare personnel, only when they are working in the ICU or higher risk areas (such as the bone marrow transplant unit or the emergency department), and only when they are doing tasks that involve touching the patient.*

	Policy 1	Policy 2
Healthcare personnel	Higher-risk healthcare personnel only	All
Setting	All	ICU and other higher-risk areas only
Activity	All	Touching the patient only

Policy 1

Policy 2

Your
choice:



7) If these were your only options, which contact precautions policy would you choose?

*In **Policy 1**, gloves and a gown would be required only by higher-risk healthcare personnel (such as respiratory therapists), in all areas of the hospital, and for all activities in the patient room.*

*In **Policy 2**, gloves and a gown would be required by all healthcare personnel, in all areas of the hospital, and only when they are doing tasks that involve touching the patient.*

	Policy 1	Policy 2
Healthcare personnel	Higher-risk healthcare personnel only	All
Setting	All	All
Activity	All	Touching the patient only

Policy 1**Policy 2****Your
choice:**

8) If these were your only options, which contact precautions policy would you choose?

*In **Policy 1**, gloves and a gown would be required only by higher-risk healthcare personnel (such as respiratory therapists), only when they are working in the ICU or higher-risk areas (such as the bone marrow transplant unit or the emergency department), and only when they are doing tasks that involve touching the patient.*

*In **Policy 2**, gloves and a gown would be required by all healthcare personnel, in all areas of the hospital, and for all activities in the patient room.*

	Policy 1	Policy 2
Healthcare personnel	Higher-risk healthcare personnel only	All
Setting	ICU and other higher-risk areas only	All
Activity	Touching the patient only	All

Policy 1

Policy 2

**Your
choice:**



Powered by Qualtrics