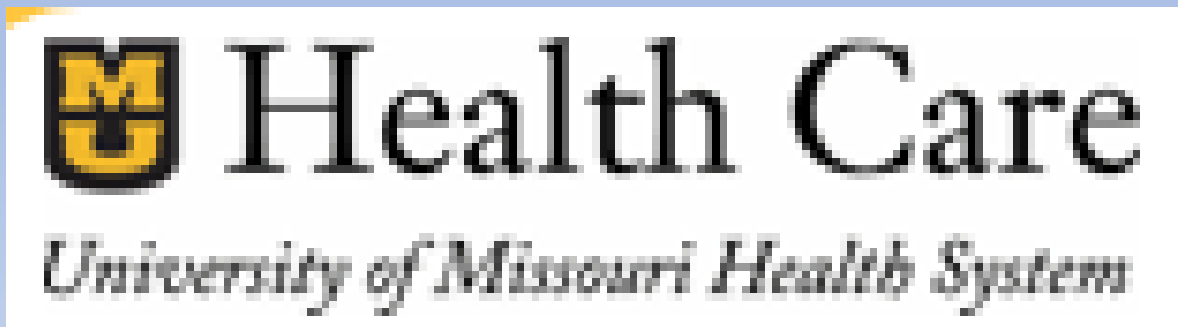


# Basic Personal Protective Equipment in Healthcare



June 6, 2024

# Disclosure Declaration

I have no financial disclosures or conflicts related to this presentation.

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## Lesson overview

Improve personnel safety in the healthcare environment through appropriate and consistent use of Personal Protective Equipment (PPE). It is important to recognize type of exposure anticipated, durability and appropriateness for the task, and fit of PPE in healthcare settings.

## Learning objectives

- Review different types of personal protective equipment available to healthcare personnel.
- Discuss how each type of PPE functions to protect the spread of germs and prevent infection if worn correctly and consistently.

## Personal Protective Equipment

Personal Protective Equipment, PPE, includes specialized clothing or equipment worn by an employee for protection against infectious materials (OSHA).

## How Does PPE Work?

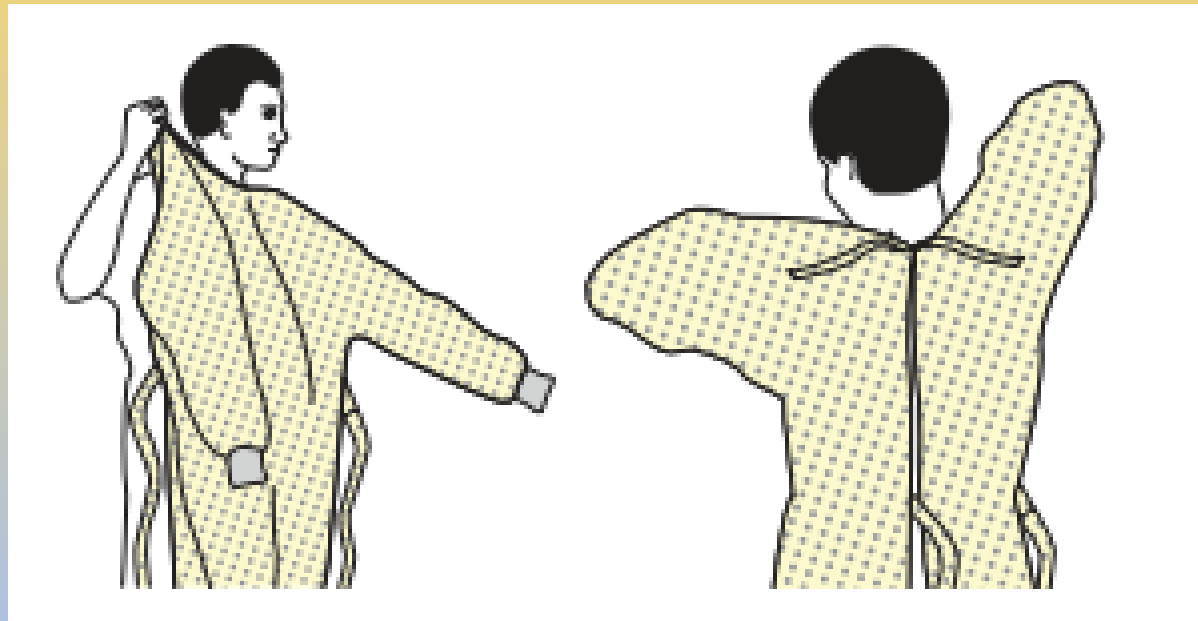
<https://www.youtube.com/watch?v=e-t2yZsEo70>

- 1) PPE protects YOU from things and people in the environment
- 2) PPE protects OTHERS from germs you might be carrying
- 3) For PPE to work, it must be worn correctly every time!

## PPE Gowns

Gowns protect you by making it easier to remove when “dirty” or contaminated with germs or bodily fluids

Make sure gown fits properly.



PPE gowns are intended to be worn as a single gown.

Proper removal and disposal of the contaminated gown helps prevent germs from spreading in the environment.

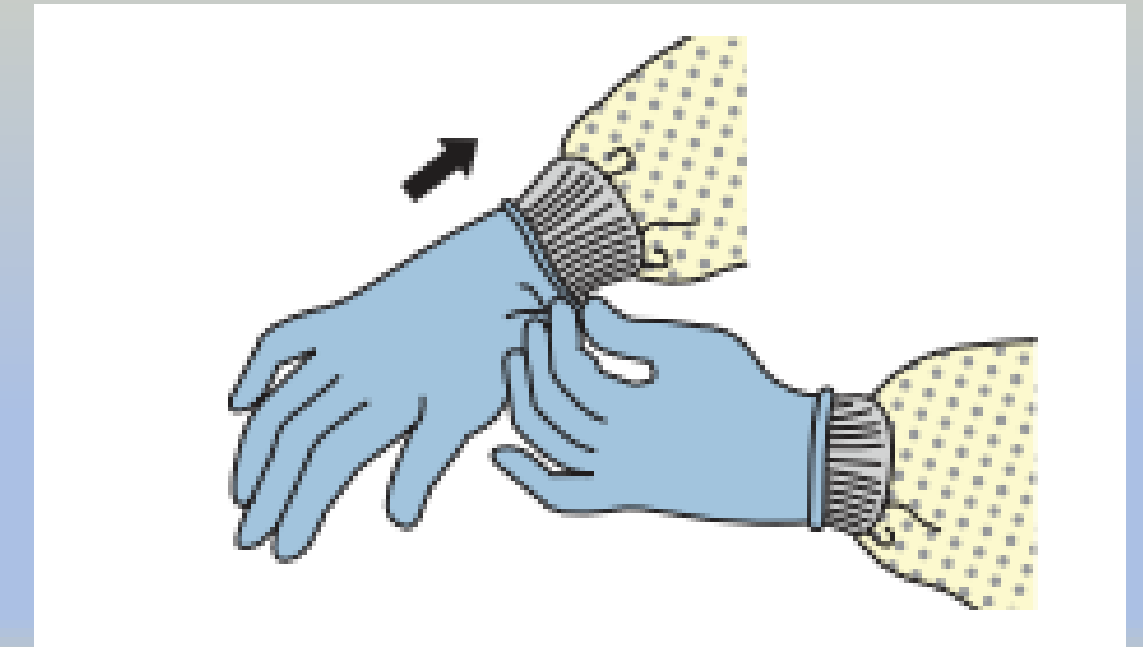
# Clean Hands and Glove Protection

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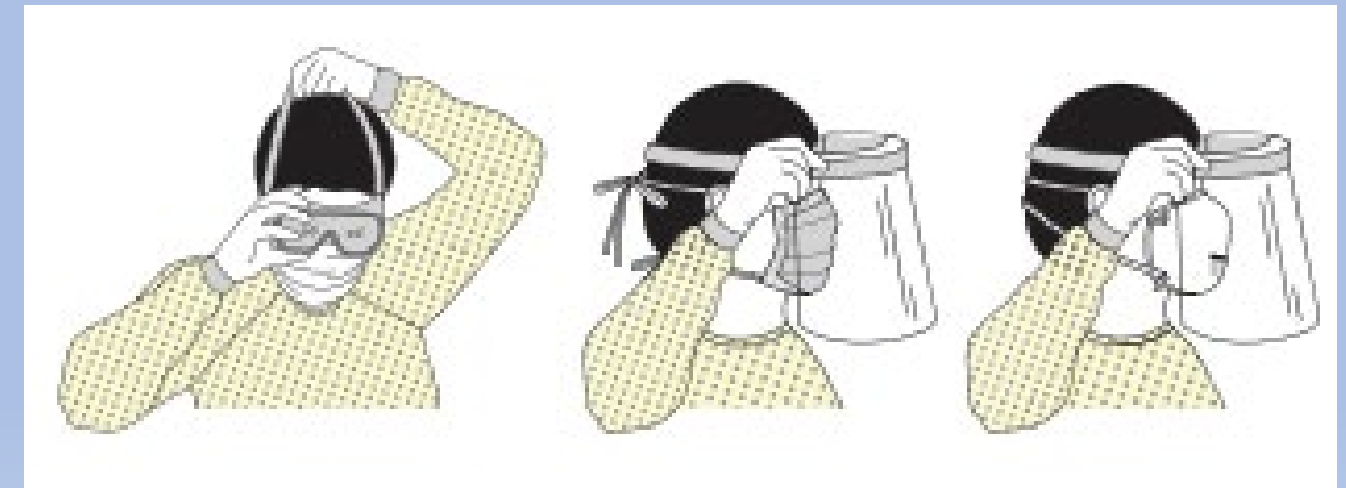
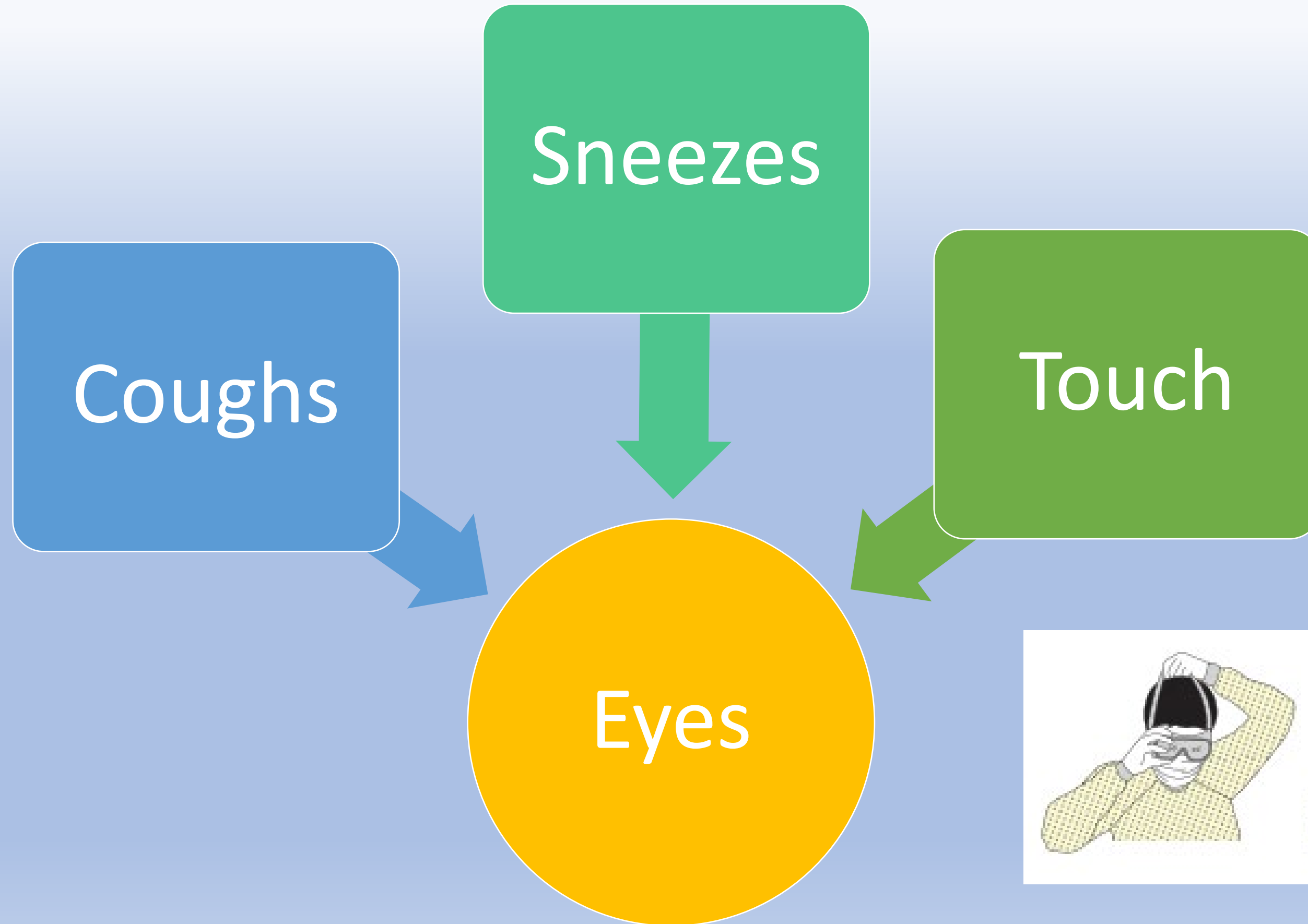


**Hand hygiene is the most important action you can take to prevent the spread of infection!**

- Gloves protect you and keep you from accidentally spreading germs into your work environment
- Wear only one pair of gloves for routine care.
- Clean your hands with soap and water or an alcohol-based hand sanitizer before putting on and immediately after removing gloves.



# Eye Protection



# Masks or Respirators

## Masks

- PRIMARILY USED FOR SOURCE CONTROL



## Respirators

- BARRIER FROM BREATHING IN CONTAGIOUS MATERIALS





# Powered Air-purifying Respirators



- Blows air inside of helmet
- Creates positive pressure to keep airborne particles out
- Medical Clearance necessary
- Works with heavy facial hair
- CAPR has fan inside helmet
- PAPR has fan outside with hose to helmet



**CAPR, Contained Air-purifying Respirator**

**CAPR, Powered Air-purifying Respirator**

**QUESTIONS?**

