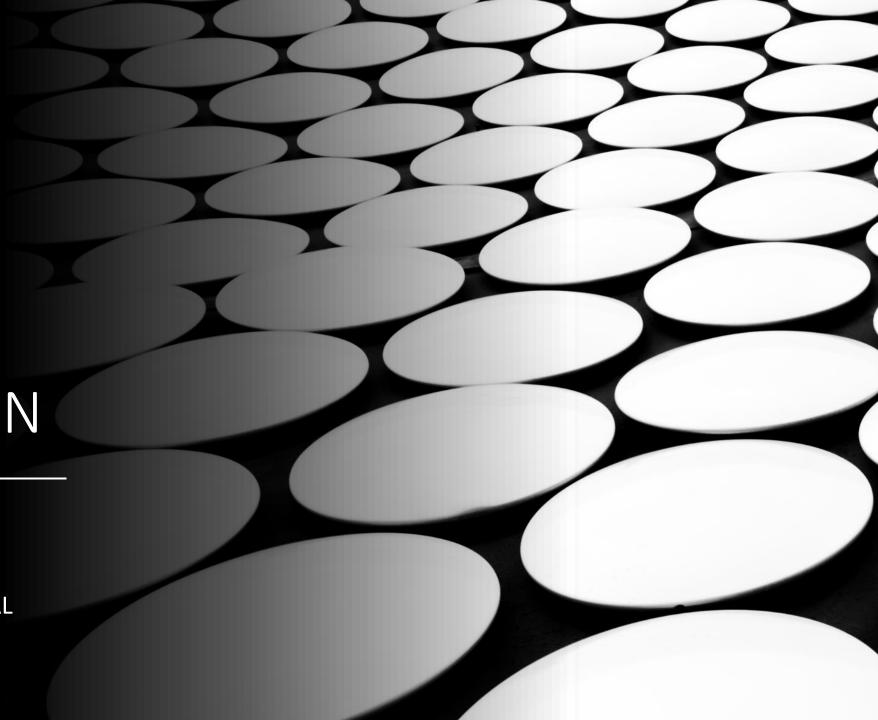


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OBJECTIVE:

- 1. To reinforce knowledge on importance of wearing personal protective equipment (PPE).
- 2. To improve understanding of different PPEs and their use.
- 3. To establish awareness of Standard and Transmission-based precautions.
- 4. To review steps on donning and doffing of PPE.

What is PPE?

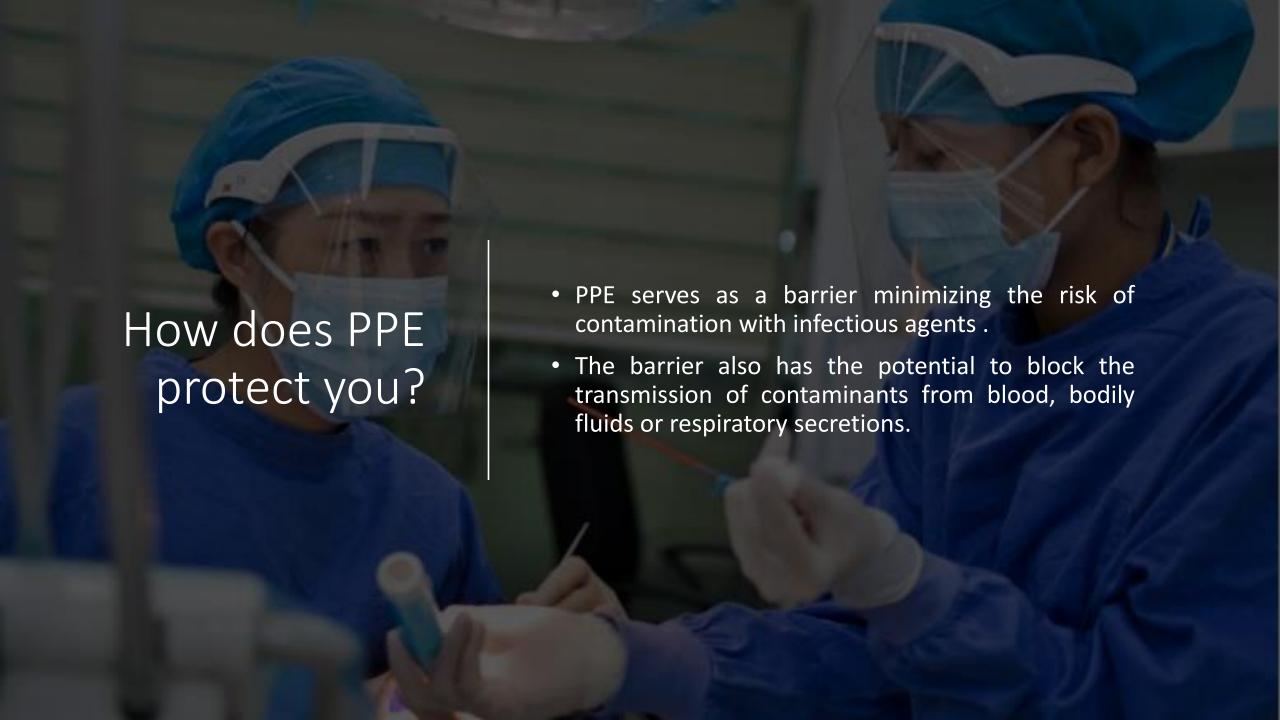
- Personal protective equipment (PPE) refers to a variety of barriers, used alone or in combination, to protect mucous membranes, airways, skin and clothing from contact with infectious agents.
- PPE used as part of standard precautions includes aprons, gowns, gloves, surgical masks, protective eyewear and face shields.



PURPOSE of wearing PPE

 PPE reduces the risk of transmission of infectious agents when used properly along with other infection control practices like hand washing.





Gloves

• HOW DOES GLOVES PREVENT INFECTION?

• Gloves protect hands if anticipated contact with body substances and / or contaminated environment.



Respiratory Protection – surgical masks, P2 or N95 masks

• HOW DOES MASK PREVENT INFECTION?

- Surgical masks protect the wearer from droplet contamination of the nasal or oral mucosa
- P2 and N95 masks prevents the inhalation by healthcare workers of small particles that may contain infectious agents transmitted via the airborne route



Eye Protection – Goggles and Face shields

HOW DO GOGGLES PREVENT INFECTION?

• Goggles provide reliable, practical eye protection from splashes, sprays, and respiratory droplets from multiple angles



Clothing Protection – Aprons, Isolation Gowns and Shoe Covers

• HOW DO APRONS AND GOWNS PREVENT INFECTION?

 Gowns or aprons are used to protect clothing where soiling and splashing is likely



Standard Precaution

- Standard Precautions represent the minimum infection prevention measures that apply to all patient care, regardless of suspected or confirmed infection status of the patient, in any setting where healthcare is delivered.
- Use personal protective equipment when there's a risk of body fluid exposure.

Contact Precaution

- A transmission-based precaution used to interrupt the transmission of infectious agents that are spread by direct or indirect contact with the patient or the patient's environment
- PPE
 - 1. Gloves: Yes
 - 2. Gown / Apron: Yes
 - 3. Mask: Standard precautions
 - 4. Protective eyewear: Standard precautions

Droplet Precaution

- A transmission-based precaution used to interrupt droplet transmission occurring from patients known or suspected to be infected with agents transmitted person-to-person by respiratory droplets
- PPE
 - 1. Gloves: Standard precautions
 - 2. Gown / Apron: Standard precautions
 - 3. Mask: Yes
 - 4. Protective eyewear: Yes

Airborne Precaution

- A transmission-based precaution used to interrupt transmission from patients known or suspected to be infected with agents transmitted person-to-person by the airborne route
- PPE
 - 1. Gloves: Standard precautions
 - 2. Gown / Apron: Standard precautions
 - 3. Mask: Yes P2 (N95)
 - 4. Protective eyewear: Standard precautions

Before entering a room



perform hand hygiene



put on long sleeve impervious gown



put on surgical mask



put on protective eyewear



perform hand hygiene



put on gloves

Order for donning of PPE

On leaving room



remove gloves and dispose



perform hand hygiene



remove gown and dispose



perform hand hygiene



remove 6 eye protection



perform hand hygiene



remove mask and dispose



perform hand hygiene

Order for doffing of PPE

Donning and doffing of PPE

(Click on the link below to watch the video)

https://youtu.be/qk6ai3JUL9U

Thank you

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