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| **AL-SHARQ MEDICAL CENTER** | | **INSTITUTIONAL POLICY AND PROCEDURE (IPP)** | |
| **FUNCTION/DEPARTMENT:**  **Prevention and Control of Infection** | | **POLICY TYPE : APP** | |
| **Title:**  Personal Protective Equipments and standard precaution | | **Policy Number:**  **PCI.27** | |
| **Effective Date** | **review due** | **Replaces Number** | **no. of pages** |
| 1/10/2016 | 1/10/2018 | NEW | 5 |

1. **PURPOSE:**

###### To prevent and reduce the incidence of acquiring and transmitting healthcare associated infections among patients, visitors, staff, and contractors.

###### Improve AL-SHARQ MEDICAL CENTER staff safety in the hospital environment through appropriate use of PPE.

* 1. Provide information on the selection and use of PPE in healthcare settings

1. **SCOPE:**

All AL-SHARQ MEDICAL CENTER staff and contracted workers.

1. **DEFINITIONS:**

* 1. **Personal protective equipment:** Specialized clothing or equipment worn by an employee for protection against infectious materials” (OSHA)
  2. **Standard Precautions:** (formerly known as Universal Precautions) refer to precautions used with all patients (not just patients with recognized infections, such as HIV, AIDS, or Hepatitis) whenever there is potential for exposure to blood, body fluids, or tissues.

1. **POLICY:**
   1. AL-SHARQ MEDICAL CENTER shall provide safe engineering controls and personal protective equipment (PPE) in all circumstances where staffs, contractors come into contact with blood, body fluids, and tissues.
   2. Don PPE accordingly before contact with the patient,
   3. PPE shall be use carefully to prevent spread contamination
   4. PPE shall be removed and discarded carefully, and hand hygiene shall be immediately performed.
   5. All staff who come into contact with blood, body fluids, and tissues shall follow Standard Precautions.
   6. Failure to comply with the use of Standard Precautions will result in disciplinary action.
2. **PROCEDURE:**
   1. Types of PPE Used in AL-SHARQ MEDICAL CENTER:
      1. Gloves – protect hands
      2. Gowns/aprons – protect skin and/or clothing
      3. Masks– protect mouth/nose
      4. Goggles – protect eyes
      5. Face shields – protect face, mouth, nose, and eyes
      6. N95 Mask - protect respiratory tract from airborne infectious agents
   2. Factors Influencing PPE Selection
      1. Type of exposure anticipated
         1. Splashes/spray versus touch
         2. Category of isolation precautions
      2. Durability and appropriateness for the task
      3. Fit
   3. Use of PPE:
      1. Gloves:
         1. Purpose – patient care, environmental services, others.
         2. Staff shall wear gloves when contact with blood, body fluids, or tissues are anticipated.
         3. Remove gloves promptly after use and before going to another patient.
         4. Wash hands following glove removal.
         5. Guidelines when using gloves: Staff shall:
            1. Donning:

Select correct type and size

Insert hands into gloves

Extend gloves over the gown cuffs.

* + - * 1. Removing:

Slide ungloved finger under the wrist of the remaining glove

Peel off from inside, creating a bag for both gloves

Discard appropriately

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* + - * 1. Work from “clean to dirty”
        2. Limit opportunities for “touch contamination” - protect himself, others, and the environment
        3. Keep gloved hands away from face
        4. Shall not touch his/her face or adjust PPE with contaminated gloves
        5. Remove gloves if they become torn; perform hand hygiene before donning new gloves
        6. Shall not touch environmental surfaces except as necessary during patient care
        7. Change gloves in the following situations:

During use if torn and when heavily soiled (even during use on the same patient)

After use on each patient

Discard in appropriate receptacle and never wash or reuse disposable gloves.

* + 1. Gown/aprons:
       1. Wear appropriate protective clothing such as, but not limited to, gowns if it is likely that personal clothing will be contaminated with blood, body fluids, or tissues.
       2. Donning
          1. Select appropriate type and size
          2. Opening is in the back
          3. Secure at neck and waist
          4. If gown is too small, use two gowns:

Gown #1 ties in front

Gown #2 ties in back

* + - 1. Removing
         1. Unfasten ties
         2. Peel gown away from neck and shoulder
         3. Turn contaminated outside toward the inside
         4. Fold or roll into a bundle
         5. Discard appropriately

5.3.3

* + - 1. Mask:
      2. Wear face shields or masks in combination with eye protective devices whenever splashes or sprays of blood, body fluids, or tissues may be anticipated. Consider the expected direction and force of spray when choosing eye protection.
      3. Donning
         1. Place over nose, mouth and chin
         2. Fit flexible nose piece over nose bridge
         3. Secure on head with ties or elastic
         4. Adjust to fit.
      4. Removing

5.3.3.3.1

Untie the bottom, then top, tie

* + - * 1. Remove from face
        2. Discard appropriately

5.3.4

* + - 1. Eye and face protection:
      2. Donning
         1. Position goggles over eyes and secure to the head using the ear pieces or headband
         2. Position face shield over face and secure on brow with headband
         3. Adjust to fit comfortably
      3. Removing
         1. Grasp ear or head pieces with ungloved hands
         2. Lift away from face
         3. Place in designated receptacle for reprocessing or disposal

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* 1. Standard Precaution:
     1. Previously called Universal Precautions
     2. Assumes blood and body fluid of ANY patient could be infectious
     3. Staff who come in contact with blood, body fluids, and tissues shall use the standard precaution
        1. Gloves – Use when touching blood, body fluids, secretions, excretions, contaminated items; for touching mucus membranes and non-intact skin.
        2. Gowns – Use during procedures and patient care activities when contact of clothing/ exposed skin with blood/body fluids, secretions, or excretions is anticipated
        3. Mask and goggles or a face shield – Use during patient care activities likely to generate splashes or sprays of blood, body fluids, secretions, or excretions.
        4. Hand Hygiene: Wash hands thoroughly with soap and water or use alcohol-based hand rub immediately after removing PPE and before and after patient contact
        5. Sharps handling
           1. Do not remove, recap, bend, break, or shear contaminated needles or other sharps.
           2. Sharps containers are to be located at the point of use.
           3. Pick up contaminated broken glassware or dropped sharps by mechanical means such as a brush and dustpan, tongs, or forceps.

* 1. Expanded Precautions, transmission based precaution include
     1. Types:

* + - 1. Contact Precautions
      2. Droplet Precautions
      3. Airborne Infection Isolation.
    1. Use of PPE for Expanded Precautions:
       1. Contact Precautions – Gown and gloves for contact with patient or environment of care (e.g., medical equipment, environmental surfaces)
       2. In some instances these are required for entering patient’s environment
       3. In some instances these are required for entering patient’s environment
       4. Droplet Precautions – Surgical masks within 3 feet of patient
       5. Airborne Infection Isolation – Particulate respirator masks (N95)
       6. Hand Hygiene: Wash hands thoroughly with soap and water or use alcohol-based hand rub immediately after removing PPE and before and after patient contact.

* 1. Responsibilities:
     1. Staff shall know what type of PPE is necessary to perform duties and use it correctly
     2. Infection Control coordinator shall train the staff on the safe donning and removing of PPE

1. **ATTACHMENTS:**

None

1. **APPROVAL:**

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| **Approved by:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: | \_\_\_\_\_\_\_\_\_\_ |
| **Nursing Director** |  |  |
| **Approved by:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: | \_\_\_\_\_\_\_\_\_\_ |
| **Medical Director** |  |  |
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| **Operational Director** |  |  |
| **Approved by:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: | \_\_\_\_\_\_\_\_\_\_ |
| **Prevention and Control of Infection Director** |  |  |
| **Approved by:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: | \_\_\_\_\_\_\_\_\_\_ |
| **Executive Director** |  |  |