Guam Memorial Hospital Authority
Emergency Response (COVID-19)
Decontamination Procedure

INTRODUCTION:

- Decontamination (DECON) is a term used to describe a range of processes, including cleaning, disinfection, and/or sterilization. Which remove or destroy contamination, thereby preventing infectious agents or other contaminants reaching a susceptible body site in sufficient quantities to cause infection or any harmful response.

- In accordance with the Emergency Preparedness Manual, and in conjunction with Policy No. 500 Chemical, Biological, Radiological, Nuclear & Explosives (CBRNE)/Weapons of Mass Destruction(WMD)-Preparedness Plan decontamination principles were used to develop a procedure to stress control measures on clinical work practices, and containment.

PURPOSE:

- The main developmental purpose of this procedure is to develop best practices for direction in an emergency response to a pandemic (COVID-19).

- By applying organized technical decontamination techniques to the clinical environment work practices to limit the spread of infectious diseases, and containment within identified exclusion zones within the hospital and/or COVID Isolation Facility.

- It is GMHA’s main objective to protect the health and well being of all patients, and responding healthcare workers during this emergency response to COVID-19.

PROCEDURE:

- Create a decontamination plan that effectuates a control measure on staff’s Personal Protective Equipment work practices (i.e. Proper removal/doffing, and disposal) to ensure max personnel safety.

- Build and test contamination reduction zone for adequacy and flow with properly marked areas to be easily traversed with supporting decontamination equipment.

- Post plan at the support site(s) and the exclusion zone(s) as aides for personnel to refer to at any time.
- Train (Just in time training) all clinical personnel, support personnel, security personnel, and any contract work personnel that will be entering the exclusion (hot) zone(s).

- Organize a competency evaluation on all personnel with a training exercise that incorporates proper donning/doffing of PPE’s, and the understanding of the technical decontamination techniques implemented on work practices. (All personnel must competently demonstrate these essential actions prior to commencing any work within the exclusion zone(s).

- Have the decontamination line manned (If possible, select dedicated staff for DECON observation) for safety observation of personnel moving through the contamination reduction process.

- Ensure personnel conduct a pre/post medical evaluation when assigned to hospital/CIF exclusion zones (Head Nurse to organize and conduct).

- Consistently monitor site(s) for staff compliance and competency, and re-train for improvement or changes made from authorities having jurisdiction as needed for compliance or if cross-contamination occurs.

REFERENCES:
- National Institute of Safety and Health (NIOSH)
- Center for Disease Control: www.cdc.gov
- Federal Emergency Management Institute (FEMA)

Completed on 22 March 2020
GUAM MEMORIAL HOSPITAL
AUTHORITY
REVIEW AND ENDORSEMENT
CERTIFICATION

The signatories on this document acknowledge that they have reviewed and approved the following:

- by laws
  Submitted by Department/Committee: Safety and Security Dept. /EOCC

- Rules & Regulations
  Emergency Preparedness Manual/Mass Casualty Plan: Triage,
  DECON, & Treatment Areas Policy No. 405

- Policies & Procedure
  Title: Technical DECON Procedures developed for COVID-19 Response

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Doffing Procedure:

Note: To help prevent cross-contamination and/or exposure. Do not abruptly Remove/Doff PPE in any of the identified zones.

I. Hot Zone to Warm Zone

- **Gown/TYVEK Suit**
  At the line separating the Hot and Warm zones begin removing your gown/Tyvek suit by carefully un-securing the tethers/zipper (wipe zipper with Sani cloth/Clorox wipe before doffing), peeling off and away from top to bottom while inverting the gown/suit at the same time, dispose if necessary.

- **Boot Cover**
  Remove boot covers one at a time while placing each foot into the Warm zone after removal.

- **Gloves**
  If you were wearing two pairs as part of the assigned PPE tiers, this is where the first layer is to be removed, if not, then exercise proper hand washing etiquette on gloved hand before advancing into the Warm zone.

II. Warm Zone to Cold Zone

- Remove remaining PPE’s in the Warm zone utilizing the Proper sequence explained above going from Warm zone to Cold zone and being careful not to remove abruptly.

- Place contaminated PPE’s upon removal into the doffing pit at the line separating the Warm Zone from the Cold zone, repeating the procedure going into the Cold Zone. If shower is provided it is optional, but strongly recommended.
PUI Drop Off / Supplies Delivery Pathway / DECON Area Exit to Main Lobby

DECON T1 to Exit

A-Wing
20 Acute Beds

B-Wing
20 Acute Beds

C-Wing
14 Acute Beds
6: KU Beds

Emergency Walkway
PUI Transit via

HOT ZONE: ABC Wings
Warm Zone: Corridor
Gold Zone: 2nd Floor

Created: March 14, 2020
By J. Ventura, T. Chinguead
Endorsed: W. Kando
GMHA MAIN DECON SITE

- WARM ZONE MALE DECON
  - Do not come back through the DECON Line
- COLD ZONE
- SHOWER
- DOFF PIT WARM ZONE FEMALE DECON

ASSIST BOX

HOT ZONE
Contamination Reduction Process

**Hot Zone:** Patient rooms (BLACK and RED)

**Warm Zone:** Corridor immediately outside patient room (Yellow)

**Cold Zone:** Corridors leading to nurse station/Shower/Clean Utility/(Blue)

Directional arrows represent flow of contamination reduction.
Nurse Station

1. Doffing Pits outside of Pt. Rooms (Outer Layer Doff Hot Zones)

2. LAST LAYER OF PPE DOFFING PITS (OUTSIDE ALL PT. ROOMS Warm Zones)

CARE IV DECON PLAN
IMPORTANT! PLEASE READ!
- EMS transport personnel will remain in the hot zone when bringing patients into the ER.
- After transfer of care is complete, proceed to the designated decontamination line.

EMERGENCY ROOM

2 ALPHA GUARD

Main Entrance

From Triage

From Radiology