# Exercise Plan: Frontline Facilities for HCID #6 Packaging Specimens

Date: Time: Type of Exercise (circle one): mini-drill table top game

Purpose: To test system of packaging the potential Category A infectious agent specimens to be sent to MDH.

Scenario: Specimens are requested to be sent to MDH for VHF testing. They need to be packaged appropriately.

Objective (SMART): The clinician will package the potential Category A specimen in the required carrier to send to MDH.

Location in Facility (circle one): Emergency Department Urgent Care Clinic Procedure Area

Participants and Agencies involved:

Exercise Director:

Evaluator:

Actor:

Participants:

Master Scenario Events List (MSEL)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inject # | Inject Time | Inject Description | Expected Action | Outcome – Evaluation Notes |
| 1 |  | Specimens have been obtained to send to MDH. They must be packaged to transport as a Category A type of infectious agent. | Hospital’s procedure for transport of Category A infectious agents is located |  |
|  |  |  | The appropriate packaging materials are located and assembled |  |
|  |  |  | The person accepting the specimen from the nurse in the room dons the proper \*HCID Full Barrier Isolation PPE (gloves, gown, facial protection) |  |
|  |  |  | Person outside the room holds out the watertight secondary packaging (that is lined with absorbent material) to allow the person in the room to insert the specimens |  |
|  |  |  | The specimens are inserted into the hard outer container by the person accepting the specimens from the room |  |

## Hotwash Notes:

Director, Evaluator, Actor, Participants

## After Action Report:

### Strengths:

### Opportunity for Improvement: (Ask the 5 Whys)

|  |  |  |
| --- | --- | --- |
| Improvement/Correction Action: | Assigned to: | Due by: |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |

## Definitions:

**Frontline Hospitals:** all hospitals are considered frontline hospitals

**HCID:** high consequence infectious disease

**\*HCID Full Barrier Isolation PPE Levels:**

**Level 1 (have available close to point of care in kits or on cart)**

* Fluid-resistant gown or coverall (ANSI/AAMI level 3)
* Gloves that extend past gown cuff
  + 2 pairs for suspected viral hemorrhagic fever (VHF)
  + 1 pair for viral respiratory pathogens
* Fit-tested N95 respirator or PAPR (CDC states regular face mask can be used for clinically stable persons under investigation (PUIs) with suspected VHF)
* Full face shield
* Hair cover and booties optional

**Level 2 (have PPE list below stating where items can be found)**

* Impermeable gown extending to mid-calf or coverall (ANSI/AAMI level 4)
* 2 pairs of gloves that extend past gown cuff
* Fit-tested N95 respirator or PAPR
* Hood or head cover that extends to shoulders and covers neck
* Full face shield
  + Impervious boots extending to mid-calf
  + All skin covered; use apron in some circumstances

## References:

[American Society for Microbiology: Sentinel Level Clinical Laboratory Guidelines for Suspected Agents of Bioterrorism and Emerging Infectious Diseases: Packing and Shipping Infectious Substances (PDF): (https://www.asm.org/ASM/media/Policy-and-Advocacy/LRN/Sentinel%20Files/PackAndShip.pdf)](https://www.asm.org/ASM/media/Policy-and-Advocacy/LRN/Sentinel%20Files/PackAndShip.pdf)

[CDC: Biosafety in Microbiological and Biomedical Laboratories (BMBL) 5th Edition (https://www.cdc.gov/labs/BMBL.html)](https://www.cdc.gov/labs/BMBL.html) – Appendix C, page 336

[CDC: Ebola Packaging and Shipping Clinical Specimens Diagram   
(https://www.cdc.gov/vhf/ebola/laboratory-personnel/shipping-specimens.html)](https://www.cdc.gov/vhf/ebola/laboratory-personnel/shipping-specimens.html)

[CDC: Guidance for Collection, Transport and Submission of Specimens for Ebola Virus Testing (https://www.cdc.gov/vhf/ebola/laboratory-personnel/specimens.html)](https://www.cdc.gov/vhf/ebola/laboratory-personnel/specimens.html)

[CDC: Guidance for U.S. Laboratories for Managing and Testing Routine Clinical Specimens When There is a Concern about Ebola Virus Disease (https://www.cdc.gov/vhf/ebola/laboratory-personnel/safe-specimen-management.html)](https://www.cdc.gov/vhf/ebola/laboratory-personnel/safe-specimen-management.html)

[MDH: Laboratory Emergency Preparedness (https://www.health.state.mn.us/diseases/idlab/labep/index.html)](https://www.health.state.mn.us/diseases/idlab/labep/index.html)

www.health.state.mn.us

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