



# Indiana University Health

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## Ebola Outbreak Preparedness

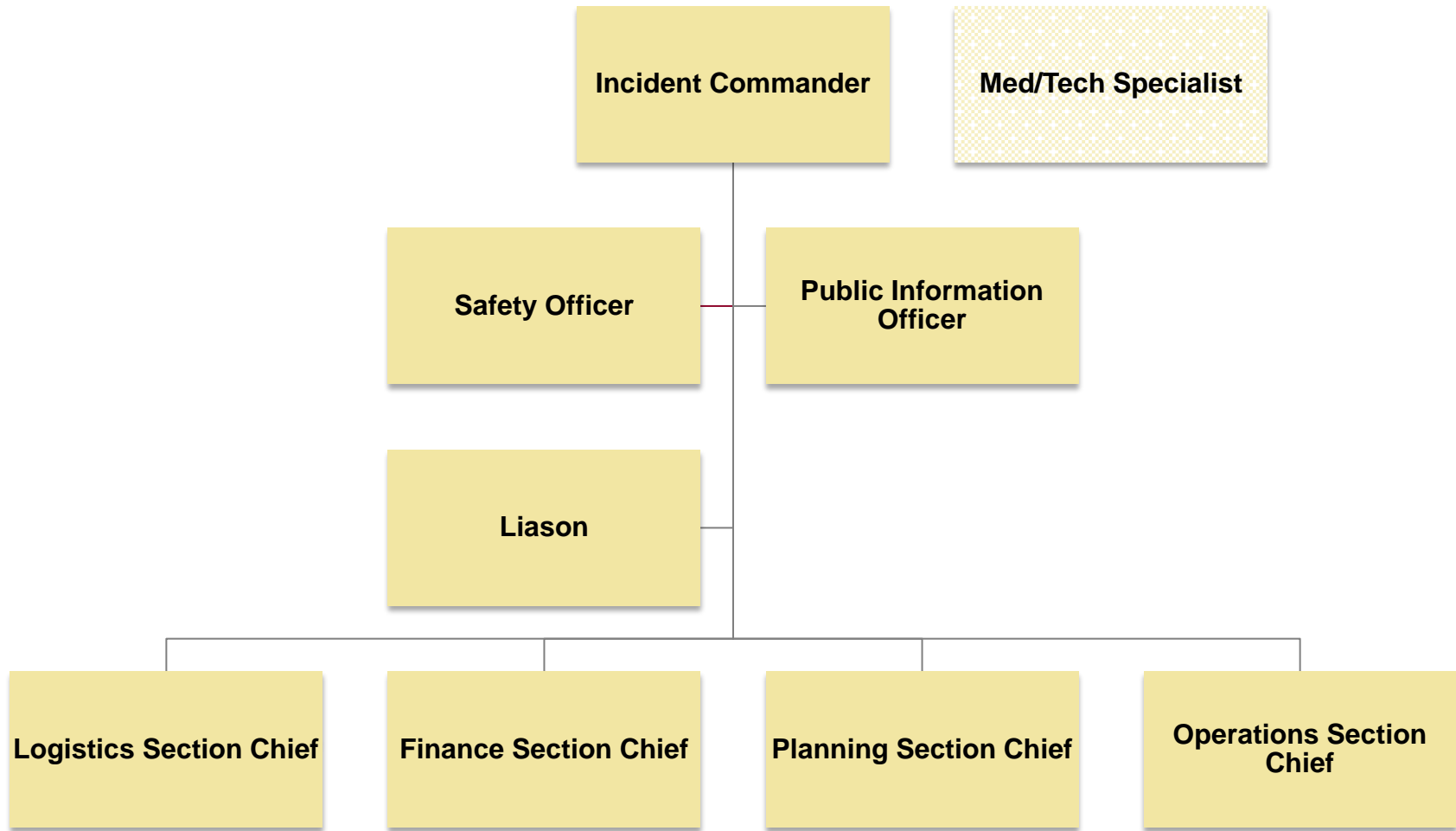
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# Hospital Incident Command Structure



# Role of System Incident Command

- Direct and coordinate effort to get our facilities and staff prepared, trained and ready
- Identify and organize operational resources
- Provide guidance to all IU Health partners/ entities
- Develop standard work
- Liaison with external health, government and emergency response agencies
- Lead system communication to stakeholders



# Key Strategies for ALL Locations

- Identify
- Isolation
- Notify

# Provided a Tool Kit for Easy Implementation



## Screening and Incident Activation Process Tool Kit

As Indiana University Health continues to prepare to treat patients with Ebola Virus Disease (EVD), the Incident Command team has assembled this Screening and Incident Activation Process Tool Kit for use in inpatient and ambulatory settings.

The attached documents walk you through key steps and processes in the identification and handling of patients suspected of having Ebola. As you review the materials, keep these three key points in mind and emphasize them to your team. The processes are built on these principles:

- Identification - screening for early recognition

## Talking Points

These points are provided to support IU Health team members engaged in the identification, screening, transportation and treatment of patients with symptoms of Ebola Virus Disease (EVD). It is meant to support the Ebola Screening Process Map that is part of this packet.

### Patient screens positive/initial move to isolation (initial point of contact)

Because little is known at this step, information should be general.

- Thank you for answering these questions. A member of our care team, NAME, is on his/her way to assist you. Could you kindly wait here and NAME will be with you.

### Clinician entering isolation room

- Once in private area: Lead with AIDET/confirmation and review of symptoms
- Because you have a fever and symptom(s) consistent with a possible infection, I will accompany you to a room. You'll notice that I'm wearing protective attire; this is simply a precaution and, for the same reason, we will provide you with similar protective wear.
- If patient is accompanied by guests: Your family members/friends may wait with you.

## Ambulatory Ebola Screening Process

Please follow the process detailed below in screening ambulatory patients to visit an IU Health facility or IU Health care provider.

1 "I have an additional question for you today, PATIENT NAME, that we're asking in response to the Ebola Virus Disease outbreak. Have you or someone from your household been outside of the United States in the last 21 days?"

**NO** >> "Thank you. Let me complete your check in."

**YES** >> "Can you tell me where you traveled, please?"

2 If patient notes areas OTHER THAN Guinea, Liberia or Sierra Leone  
"Thank you. Let me complete your check in."

3 If patient notes Guinea, Liberia or Sierra Leone  
"Thank you. Because that area has seen an outbreak of Ebola, we want to help protect you and those with whom you have had contact. I will list a series of symptoms. Can you please respond with "yes" "no" or "don't know" to each:

- |                                   |  |   |                                   |
|-----------------------------------|--|---|-----------------------------------|
| <input type="checkbox"/> Headache | <input type="checkbox"/> Vomiting                      | <input type="checkbox"/> Abdominal pain | <input type="checkbox"/> Weakness |
| <input type="checkbox"/> Diarrhea | <input type="checkbox"/> Hemorrhaging (heavy bleeding) | <input type="checkbox"/> Muscle pain    |                                   |

Additionally, have you taken your temperature? If yes: "Was it over 100.4° F or 38° C?"

### EVD SUSPECTED

(Patient has been to one of the areas noted within the last 21 days and has at least one symptom, even in the absence of fever.)

"We want to take special steps to care for you. Could you please put this isolation gown, gloves and mask on and stay in this room until we are ready to care for you."

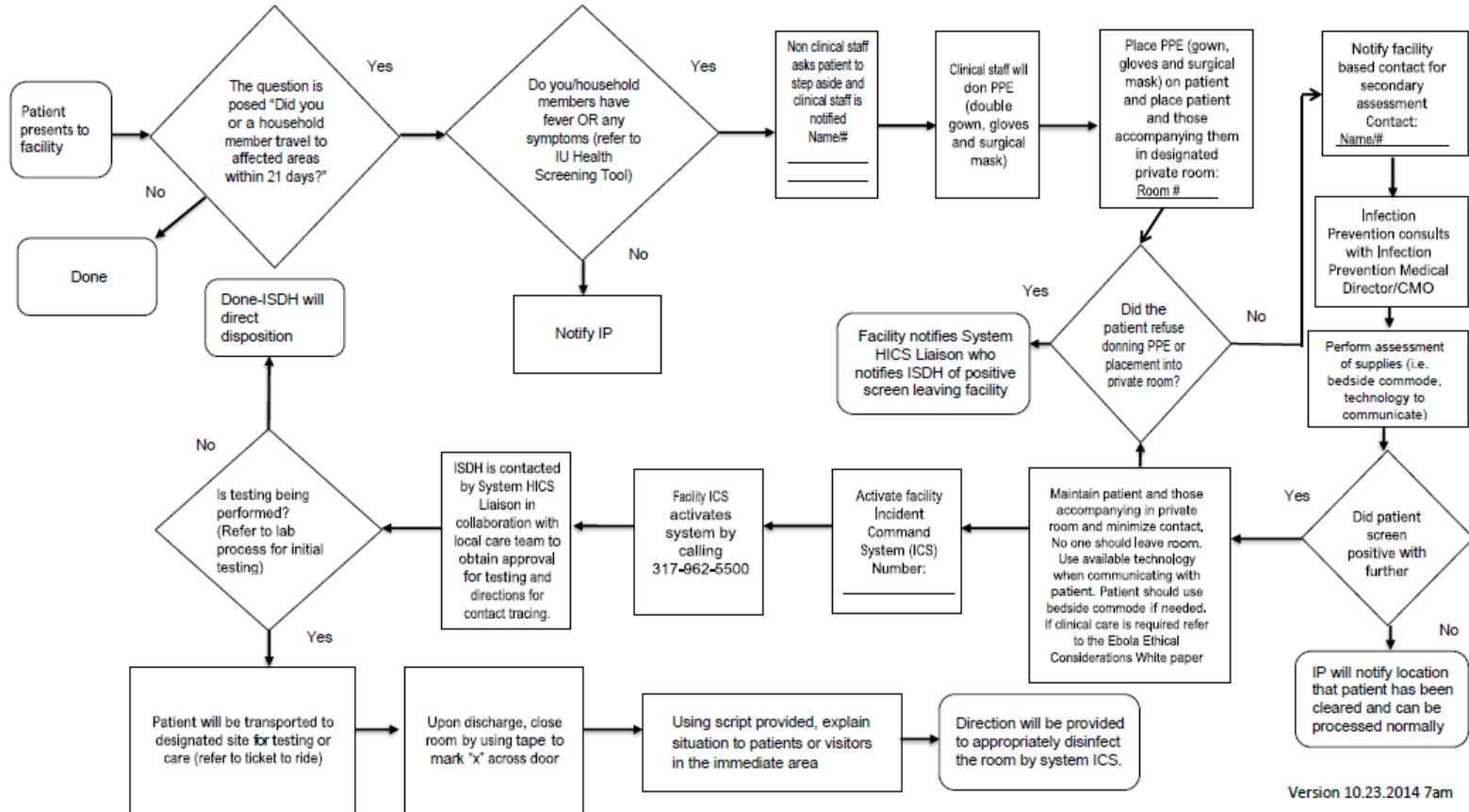
IU HEALTH TEAM MEMBER: After assisting the patient with the isolation gown, gloves and mask. Immediately inform your supervisor and contact the IU Health Infection Prevention department at your facility.

### EVD NOT SUSPECTED

(Patient has been to one of the areas noted within the last 21 days but has none of the symptoms noted.)

"Thank you. Let me complete your check in."  
Continue with usual routine care delivery.

## EBOLA SCREENING PROCESS MAP





# Evaluating System Readiness

## Based Ebola Readiness Checklist

Facility Name: \_\_\_\_\_

Person completing checklist: \_\_\_\_\_

Deliverable	Expected Completion Date	Status (fill color in green or red and type countermeasures)	Owner
EXAMPLE of deliverable listed here	immediate	Countermeasure typed here with anticipated closure date	
HICS Roles identified and submitted to ksyed@iuhealth.org	immediate		
Signage posted at each patient access points	immediate		
Localized and implemented process flow map at all patient access points- including identification of a pre-determined holding area for each access point	immediate		
PPE supplies available at screening locations (gown, gloves and mask and hand sanitizer as specified in tool kit)	immediate		
Incident commander or designee presents process map to medical staff	Immediate		
Conduct at least one tracer per site per day (suggest rotating patient access points). Encourage use of Transformation Offices for assistance	immediate		
Share system documents/tools with facility leaders:	immediate		
Ethics White Paper	immediate		
Learners Policy	immediate		
EVD Preparedness Policy	immediate		
Occupational Health Process maps shared with local department	immediate		
HR Policy: Team members who provide care to patients with EVD	immediate		
Communicate to team members about Ebola	immediate		

# EVD: Challenges to Patient Care and Preventing Transmission to HCWs



- Awareness/recognition of potential cases - all facilities!
  - Ask about fever and travel history/awareness of 21 day incubation period
  - Disseminate important screening tool
- Isolation (“Enhanced” Droplet and Contact Precautions)
  - Leverage system to cohort patients being tested/care for
  - Enhanced PPE, buddy system used
  - Risks of exposures associated with removing PPE
- Lab testing available
  - Initial Ebola testing (CDC)
  - malaria smear, blood cultures
  - ISTAT testing standard of care



# EVD: Challenges to Patient Care and Preventing Transmission to HCWs



- Patient care management
  - Minimize invasive or diagnostic procedures/sharp safety
  - Fluid, electrolyte issues requiring close in-room monitoring
  - Consider risks associated with Intubation/ventilation, hemodialysis or surgery.
- Environmental services/Security
  - Room cleaning, disposable equipment
  - Linen, trash handling

# Standard Work for EVD Preparation

- Ebola Screening (Detailed Process Map) + required Education tools for all employees
- Identify, Isolate and Notify EVD policy
- Lab process for initial testing for EBV (local)
- Recruitment of volunteer staff to care for EBV patients +HR support package (cohort patients)
- Training requirements/Standard operating procedures involved in caring for these patients



# Standard Work for EVD Preparation

- Facility Readiness Checklist (Incident Command)
- Employee Occupational Health tool/policy for screening returning HCWs
- Ethical Principles for EBV Patient Care document
- Training program Caring for the Patient with EVD