

**EPIDEMIC DISASTER DRILL EXERCISE**  
**(MOCK DRILL EXERCISE/ ACTUAL EVENT REPORT)**

<b>DATE OF MOCK/EVENT:</b>	<b>INITIAL TIME:</b> 11.00 HRS	<b>DURATION OF EXERCISE:</b> 45 MINUTES
<b>FACILITATOR:</b>		<b>LOCATION:</b> ER Reception

<b>PURPOSE</b>
The purpose of this exercise is to give the participants an opportunity to evaluate ABC children’s hospitals current emergency epidemic response plan and capabilities for responding to monkey pox like outbreak/epidemic disaster in India. This exercise will focus on key disaster response team responder coordination, critical decisions, and the integration of other response sectors necessary to protect the public’s health and preventing the spread of infection following a severe COVID 19 like outbreak.
<b>SCOPE</b>
The scope of this exercise will focus on ABC Hospitals Disaster Management Team member’s role in response to the potential consequences of an epidemic disaster event and strengthening our capacity to cope with disasters and also to minimize the impacts of the disasters.
<b>OBJECTIVES</b>
The exercise will focus on the following objectives <input type="checkbox"/> To find gaps in the resource, manpower and communication systems <input type="checkbox"/> Increase epidemic disease awareness <input type="checkbox"/> Committee members and staff ability to respond during a public health emergency <input type="checkbox"/> Evaluate effectiveness disaster policies, procedures and staff roles. <input type="checkbox"/> Update and revise the emergency management plan from lessons learn during the exercise
<b>SCENARIO</b>
One patient 12-year-old Female from USA came to ABC. The patient states that he has been suffering from fever, fluid-filled blisters, itchy rashes and complaining of body pain, chills and developed a temperature of 38.8°C for 2 days. The patient adds that during the past three days, she has experienced increased difficulty of breathing and throat irritation. Nothing in the patient’s recent history accounts for this sudden illness before the onset of symptoms except contact with one of her family who has chicken pox like-illness and currently admitted in the hospital in USA. The patient is admitted, but is unresponsive to medications.

## DATA OBSERVATION LOG

Infection control Department receives phone call from ER Respiratory clinic of unusual monkey pox like symptoms. Infection control department report severe monkey pox like cases to Medical Director and Unit head and circulated a circular for monkey pox like outbreak management, which consist of reporting protocol and confirmed cases in other areas in the country.

Infection control department notified Outbreak Control Team Chairman and informed Medical Director.

The Medical Director makes the decision to activate the hospital Disaster Management Team & Outbreak Control Team members meet as soon as possible after the onset of disaster to;

- Discuss and finalize the Monkey Pox contingency plan for management of acute cases including treatment, isolation, discharge, and indications. (ex. Design a memo and policy)
- Infection control Department organize infection prevention and control activities, surveillance and training of clinical staff and other hospital staff.
- Designate the temporary isolation room at ABC Hospitals, as appropriate with the approval of Medical Director and unit head.
- Elaborate the M-pox Protocol referral for suspected patients to the medical designated facilities.
- Review the plan for control of the epidemic in the community formulated by infection control team (ex. Disseminating posters about preventing transmission of infection)
- Review the date and information regarding the number of probable/suspected cases supplied by infection control team and determine the requirements for healthcare staff, medical supplies, equipment, and transport.
- Request the necessary additional staff for triage in the point of entry.
- Assess the adequacy and availability of the supplies of personal protective equipment's, gloves, mask, face shields, N-95 masks, disinfectants, and other medical supplies and equipment required.
- Arrange for the placement of urgent orders if any shortfalls are expected in the above-noted necessities.
- Infection control Team briefs the Medical Director and unit head. regarding the deliberations on noted issues and discussions and the plan for disaster management.
- Activate infection control team for initiation of patient/ exposed staff tracking system and screening, patient/staff educational information.
- Isolate M-pox Probable and suspected cases and apply infection control measures.
- Document details of incident and names of all persons within the immediate "at risk" area ( i.e who have become contacts and may require quarantine)

- Notify internal personnel, as appropriate impact of actual event to include staffing, critical supplies, operational space, potential for patient and staff exposures.

**DRILL EVALUATION:** (as discussed during the post-drill debriefing)

LOCATION /ACTIVITY	Findings	
	Findings	Points for Improvement
ER Reception(Triage area)	<ul style="list-style-type: none"> <li>• Lack of staff education in emergency preparedness</li> <li>• Poor awareness regarding how to use PPE(Personal Protective Equipment)</li> <li>• Poor Hand Hygiene Technique.</li> </ul>	<ul style="list-style-type: none"> <li>• To give education on emergency preparedness and infection control measures for the prevention of future outbreaks.</li> <li>• To give training to the staffs regarding proper PPE donning and doffing and Han Hygiene.</li> <li>• Competency for staffs regarding PPE and Hand Hygiene.</li> </ul>
<b>Scene</b>	Dummy patients were provided and came in time for the briefing	Dummy patients were provided

**CODE DRILL EVALUATORS:**

S N	Name	Position	Assigned Area
1.		Attending Nurse	Screening Staff
2		ER Doctor	Emergency department
3.		Reception	Receptionist
4.		Incharge	ER
5.		Housekeeping Manager	Cleaning Section

## MOCK DRILL/ ACTUAL EVENT PARTICIPANTS

SN	Name	Designation
1		Staff Nurse
2		ER Doctor
3		ER Doctor
4		Staff Nurse
5		Staff Nurse
6		Receptionist
7		Housekeeping
8		House keeping

S N	Points for Improvement	Recommendation	Responsible	Deadline	Status
1.	staff knowledge about epidemic preparedness	need training for epidemic preparedness response	Infection Control Nurse	November 2022	Closed
2.	Staff awareness regarding proper use of PPE and Hand Hygiene	Training and competency for proper use of PPE and Hand hygiene for all staffs.	Infection Control Nurse	November 2022	Closed

### ACTION PLAN:

**Prepared by:**  
**Infection Control Nurse**

**Reviewed by**  
**Microbiologist**

**Approved by :**  
**Medical Director**