Medical Response and Surge Exercise (MRSE)

**After-Action Report/Improvement Plan (AAR/IP)**

**Thursday, November 17, 2022**

The After-Action Report/Improvement Plan (AAR/IP) aligns exercise objectives and preparedness doctrine and related frameworks and guidance. Exercise information required for preparedness reporting and trend analysis is included; users are encouraged to add additional sections as needed to support their own organizational needs.

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# Exercise Overview

|  |  |
| --- | --- |
| **Exercise Name** | Medical Response and Surge Exercise (MRSE) |
| **Exercise Date** | Thursday, November 17, 2022 |
| **Scope** | The MRSE is a functional exercise for Hospital Preparedness Program (HPP) fund recipients and Healthcare Coalition members. There will be no actual movement of patients. The Countywide exercise component will last approximately 4:00 hours. Play will take place in the live ReddiNet system. Command center activation is optional. |
| **ASPR Core Capabilities** | Capability 1. Foundation for Health Care and Medical Readiness  Capability 2. Health Care and Medical Response Coordination  Capability 4. Medical Surge |
| **FEMA Mission Areas** | FEMA National Preparedness Goal: Five Mission Areas (Prevention, Protection, Mitigation, Response, and Recovery) |
| **FEMA Core Capabilities** | * Planning * Operational Coordination * Operational Communication * Public Health, Healthcare, and Emergency Medical Services |
| **Goals and Objectives** | The MRSE is designed to examine and evaluate the ability of HCCs and other stakeholders to support medical surge.  In addition, the exercise will test the HCC radiological preparedness plans, communication processes, and patient destination coordination to support surge efforts. |
| **Threat/Hazard** | Radiological surge incident |
| **Scenario** | A dirty bomb explosion has occurred at a mass gathering event near your facility resulting in a large-scale multi-casualty incident (MCI). Many victims self-transported from the scene to local hospitals. Multiple other patients will be transported to hospital emergency departments throughout the county due to injuries related to a radiologic incident. HAZMAT and Public Health’s Radiation Management team confirmed the detonation and release of Caesium-137.  Hospital emergency departments are receiving a large influx of self-transport victims and patients arriving by EMS with radiation and other injuries. The patients arriving by EMS have been triaged by personnel in the field in the Immediate, Delayed, and Minor categories. |
| **Sponsor** | Los Angeles County Emergency Medical Services (EMS) Agency, Hospital Preparedness Program |
| **Participating Organizations** | * Ambulatory Surgery Centers * Clinics * Dialysis Centers * Home Health and Hospice * Hospitals * Long Term Care Facilities * Los Angeles City Fire Department * Los Angeles County EMS Agency * Los Angeles County Fire Department * Los Angeles County Office of Emergency Management * Public Health (Long Beach, Los Angeles County, Pasadena) * Provider Agencies (Private) |
| **Point of Contact** | [Darren Verrette]  [Disaster Program Manager]  [Los Angeles County Emergency Medical Services Agency]  [10100 Pioneer Blvd.]  [Santa Fe Springs, CA 90670] |

**Analysis of Capabilities**

Aligning exercise objectives and capabilities provides a consistent taxonomy for evaluation that transcends individual exercises to support preparedness reporting and trend analysis. Table 1 includes the exercise objectives, aligned capabilities, and performance ratings for each capability as observed during the exercise and determined by the evaluation team.

| **Objective** | **Capability** | **Performed without Challenges (P)** | **Performed with Some Challenges (S)** | **Performed with Major Challenges (M)** | **Unable to be Performed (U)** |
| --- | --- | --- | --- | --- | --- |
| * [Objective 1] | * [Capability] |  |  |  |  |
| * [Objective 2] | * [Capability] |  |  |  |  |
| * [Objective 3] | * [Capability] |  |  |  |  |
| * [Objective 4] | * [Capability] |  |  |  |  |

Table 1. Summary of Core Capability Performance

**Ratings Definitions:**

**Performed without Challenges (P):** The targets and critical tasks associated with the capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws.

**Performed with Some Challenges (S):** The targets and critical tasks associated with the capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws. However, opportunities to enhance effectiveness and/or efficiency were identified.

**Performed with Major Challenges (M):** The targets and critical tasks associated with the capability were completed in a manner that achieved the objective(s), but some or all of the following were observed: demonstrated performance had a negative impact on the performance of other activities; contributed to additional health and/or safety risks for the public or for emergency workers; and/or was not conducted in accordance with applicable plans, policies, procedures, regulations, and laws.

**Unable to be Performed (U):** The targets and critical tasks associated with the capability were not performed in a manner that achieved the objective(s).

The following sections provide an overview of the performance related to each exercise objective and associated capability, highlighting strengths and areas for improvement.

**[Objective 1]**

The strengths and areas for improvement for each capability aligned to this objective are described in this section.

**[Capability 1]**

**Strengths**

The [full or partial] capability level can be attributed to the following strengths:

**Strength 1:** [Observation statement]

**Strength 2:** [Observation statement]

**Strength 3:** [Observation statement]

**Areas for Improvement**

The following areas require improvement to achieve the full capability level:

**Area for Improvement 1:** [Observation statement. This should clearly state the problem or gap; it should not include a recommendation or corrective action, as those will be documented in the Improvement Plan.]

**Reference:** [List any relevant plans, policies, procedures, regulations, or laws.]

**Analysis:** [Provide a root cause analysis or summary of why the full capability level was not achieved.]

**Area for Improvement 2:** [Observation statement]

**Reference:** [List any relevant plans, policies, procedures, regulations, or laws.]

**Analysis:** [Provide a root cause analysis or summary of why the full capability level was not achieved.]

**[Capability 2]**

**Strengths**

The [full or partial] capability level can be attributed to the following strengths:

**Strength 1:** [Observation statement]

**Strength 2:** [Observation statement]

**Strength 3:** [Observation statement]

**Areas for Improvement**

The following areas require improvement to achieve the full capability level:

**Area for Improvement 1:** [Observation statement. This should clearly state the problem or gap; it should not include a recommendation or corrective action, as those will be documented in the Improvement Plan.]

**Reference:** [List any relevant plans, policies, procedures, regulations, or laws.]

### Analysis: [Provide a root cause analysis or summary of why the full capability level was not achieved.]

# APPENDIX A: IMPROVEMENT PLAN

This IP is developed specifically for [Organization or Jurisdiction] because as **Medical Response and Surge Exercise** conducted on **November 17, 2022.**

| **Capability** | **Issue/Area for Improvement** | **Corrective Action** | **Capability Element** | **Primary Responsible Organization** | **Organization POC** | **Start Date** | **Completion Date** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| * Capability 1: [Capability Name] | * 1. [Area for Improvement] | * [Corrective Action 1] |  |  |  |  |  |
| * Capability 1: [Capability Name] | * 1. [Area for Improvement] | * [Corrective Action 2] |  |  |  |  |  |
| * Capability 1: [Capability Name] | * 2. [Area for Improvement] | * [Corrective Action 1] |  |  |  |  |  |
| * Capability 1: [Capability Name] | * 2. [Area for Improvement] | * [Corrective Action 2] |  |  |  |  |  |
| * Capability 2: [Capability Name] | * 1. [Area for Improvement] | * [Corrective Action 1] |  |  |  |  |  |
| * Capability 2: [Capability Name] | * 1. [Area for Improvement] | * [Corrective Action 2] |  |  |  |  |  |
| * Capability 2: [Capability Name] | * 2. [Area for Improvement] | * [Corrective Action 1] |  |  |  |  |  |
| * Capability 2: [Capability Name] | * 2. [Area for Improvement] | * [Corrective Action 2] |  |  |  |  |  |

# Appendix B: Exercise Participants

| **Participating Organizations** |
| --- |
| **County** |
| [County Participant] |
| [County Participant] |
| [County Participant] |
| **City** |
| [City Participant] |
| [City Participant] |
| [City Participant] |
| **[Jurisdiction A]** |
| [Jurisdiction A Participant] |
| [Jurisdiction A Participant] |
| [Jurisdiction A Participant] |
| **[Jurisdiction B]** |
| [Jurisdiction B Participant] |
| [Jurisdiction B Participant] |
| [Jurisdiction B Participant] |