



MCI Plan Update TTX

Fire and EMS Response

At 1106, on the morning of June 15th, the local dispatch center receives a call from a witness who saw two damaged vehicles on the side of the road at Main Street and First Street in Generic City. During the interrogation of the caller they reported smoke and visible flames coming from under the hood of one of the vehicles and the other vehicle appeared to be on its roof. The caller was unable to provide a description of the vehicle or the possibility of any injuries at the scene. A second caller to the local dispatch center reported that several people appear to be injured at the scene. The 9-1-1 call takers are unable to determine the exact number of patients, but believe there are at least three.

The initial dispatch includes:

- Law Enforcement: 2 law enforcement officers/deputies that are closest to the incident
- Fire Department: 1 engine, 1 truck/rescue, 1 Battalion Chief
- EMS Transport: 2 ALS ground ambulances, 1 Ambulance Supervisor

1. Based on the available information, should an MCI be declared for this incident?

The first law enforcement officer/deputy arrives at 1108 and reports multiple injured patients, their initial count is 5, including at least 1 child. This information is relayed to the responding fire and EMS units. Due to the increased and confirmed patient count, a third ground ambulance is dispatched to the scene.

Based on this information, the local dispatch center sends out a MCI notification.

- 1. Based on the available information, what Level MCI should this be? What are the triggers for different levels of MCIs?**
- 2. What actions should the responding units take in preparation to arrive at the scene of an MCI?**

The first fire engine arrives at the scene at 1111. They confirm that there is an MCI and request two EMS aircraft be dispatched to the scene for two critically injured pediatric patients. The Incident Commander requests an additional engine be dispatched to establish a Landing Zone at the local high school football field and an additional ground ambulance is dispatched to help move patients to a landing zone. The dispatch center adds information about the EMS aircraft and pediatric patients to the MCI notification.

- 3. What changes should the Incident Commander anticipate knowing that the incident now involves EMS aircraft and pediatric patients?**

The first ground ambulance arrives at 1113 and the Incident Commander assigns them as the Medical Communications Coordinator. The hospital receives a call from the Medical Communications



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Coordinator at 1115 indicating that they are on scene of the Level 1 MCI at Main Street and First Street in Generic City. They report the following:

- Total of six patients:
 - 3 **Red** Patients
 - One 8 month-old male
 - One 5 year-old female
 - One adult female
 - 2 **Yellow** Patients
 - One adult male
 - One adult female
 - 1 **Green** Patient
 - One adult female
4. **At what point should the Medical Communications Coordinator make contact with the MCI Coordinating Facility?**
 5. **Who is responsible for making decisions about patient destinations?**
 6. **Based on the 1 Red and 2 Yellow rule, what are the likely destinations for these patients?**

The Medical Communications Coordinator reports to the MCI Coordinating Facility that two ground ambulances and two EMS aircraft are on their way to the call still. The next arriving ground ambulance is only one minute out. They are requesting assistance with destinations for all 6 patients.

The MCI Coordinating Facility advises that the adult Red and the adult Green patient should be taken to Queen of the Valley Medical Center.

7. **MCI Triage Tags are being used for all of the patients, who is responsible for tracking patient Triage Tag numbers, names, and destinations?**

The second ground ambulance arrives at the scene and is immediately assigned the 1 Red and 1 Green patient.

8. **How would you prioritize the remaining patients?**

The Incident Commander is notified that only one EMS aircraft is available and will be arriving in 5 minutes. The third ground ambulance arrives and transports 1 Red pediatric patients to the landing zone to rendezvous with the responding EMS aircraft. The incident commander requests a fourth ground ambulance to respond to the scene.

9. **What is an appropriate destination for the EMS Aircraft to take the 8 month-old patient?**



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The fourth ground ambulance arrives on scene and is going to transport the 5 year-old female by ground due to a lack of air resources.

10. What is an appropriate destination for this ground ambulance?

Following the transport of all red patients, the Medical Communications Coordinator requests a destination for the remaining 2 Yellow Patients.

11. What is an appropriate destination for these two patients?