

# Multi-Casualty Incidents

**The National Incident Management System (NIMS) will be used to manage all incidents.**

1. Incident Command (IC) is the responsibility of the agency having jurisdiction (AHJ).
2. Each assisting agency shall retain full authority to operate within the scope of its agency operational and administrative protocols and procedures.
3. Agencies that are assisting in the support of a single jurisdiction will function under the direction of that jurisdiction's designated Unified Incident Command.
4. Incident Command of a multi-discipline event should be predicated on the "Primary Hazard" of the event.
5. In a Unified Command, the "Lead Agency" may change as priorities change.

The **Mass Casualty Incident Protocol** is a tool that may be used in part or whole as determined by the on-scene Incident Commander in situations where the number of patients exceeds the resources of the on-scene responders. There is no set number of patients that will automatically initiate this protocol. If the Incident commander determines that additional resources or incident structure is needed to better manage due to the complexity of the incident, he/she shall announce to dispatch that an MCI is being declared. This may be done upon arrival or at any time during the incident.

- If the incident involves multiple asymptomatic patients (HazMat exposure) set up secure evaluation area. See **Multiple Toxic Exposure** protocol.
- During a declared MCI, the Trauma System is not in effect.
- "Licensed ambulances" are not needed for transport.
- If transport resources are limited, more than one critical patient may be placed in an ambulance.

## MCI Task Card - Medical

Reports to Incident Commander (or Operations in larger incidents)

### **OBJECTIVES:**

1. **Coordinate all On-Scene EMS activity.**
2. **Coordinate Medical activities with Incident Commander (IC), and other ICS branches as needed.**
3. **Provide accountability for supervised personnel.**

### **ACTIONS:**

- ☐ Establish Medical with Command.
- ☐ Obtain a separate working radio channel for use by Medical.
- ☐ Establish the following roles/functions and hand out vest, triage tags and task cards.
  - ☐ **Triage**
  - ☐ **Treatment**
  - ☐ **Transportation**
  - ☐ **Destination** (reports to Transportation)
  - ☐ **Staging Area** (confirm area, and proper talk group)
  - ☐ **An assistant to help you with radio and face-to-face communications.**
  - ☐ **Landing Zone (LZ)**
- ☐ Order additional resources and ambulances through Incident Command.
- ☐ Establish accountability system for personnel working within Medical.
- ☐ Refer to Medical checklists (over).
- ☐ Monitor performance of subordinates. Provide support and changes as needed.

## MCI Task Card - Medical

### SCENE CHECKLIST

| Functional Assignments: |                | Ops: | Order Resources:       | Ops: | HazMat:    |
|-------------------------|----------------|------|------------------------|------|------------|
|                         | Triage         |      | Ambulances (specify #) |      | Mass Decon |
|                         | Treatment      |      | Police (Secure Area)   |      | Safety     |
|                         | Transportation |      | Buses                  |      | Rescue     |
|                         | Destination    |      | Vans                   |      |            |
|                         | Staging Area   |      | Medical Examiner       |      |            |
|                         | Landing Zone   |      | Red Cross              |      |            |
|                         |                |      | Specialty Teams        |      |            |

### OTHER ASSIGNMENTS

| Incident Commander | Triage | Treatment | Transportation | Destination         |
|--------------------|--------|-----------|----------------|---------------------|
|                    |        |           |                | <b>Staging Area</b> |
|                    |        |           |                |                     |

## MCI Task Card – Treatment

Reports to Medical (Use assigned radio channel) Coordinates with Triage and Transportation

### **OBJECTIVES:**

- 1. To rapidly treat and transport all patients.**
- 2. Identify and establish large treatment area(s) to stabilize and care for patients until transported.**
- 3. Coordinate all activities within the treatment area.**
- 4. Coordinate movement of patients from treatment area(s) with Transportation.**
- 5. Provide accountability for personnel working in Treatment.**

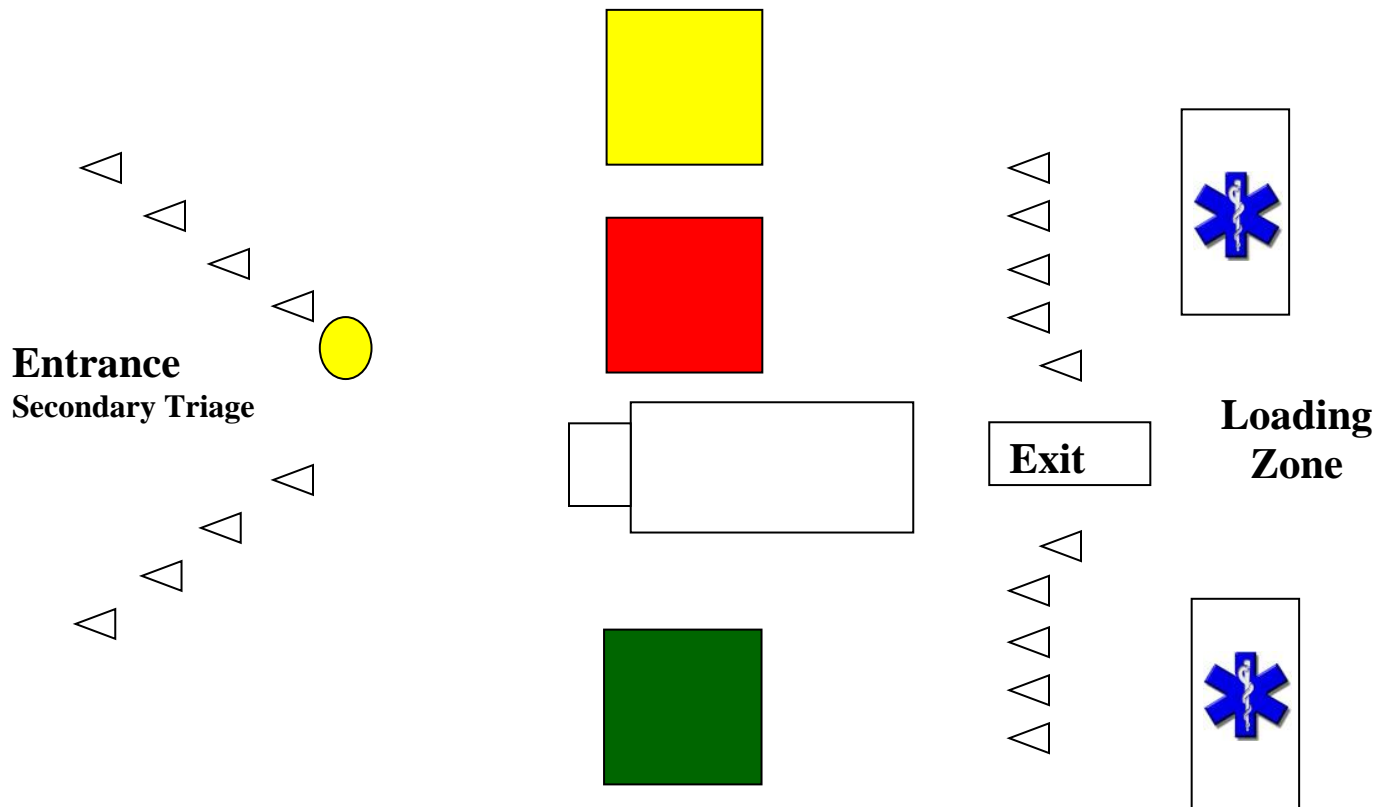
### **ACTIONS:**

- ☐ Establish treatment area(s) large enough to receive estimated number of patients. Set up area with room to expand if necessary. Provide for environmental protection of victims and allow easy ambulance access and egress. If multiple treatment areas are needed, identify each geographically. (e.g. - North/South, street name, division name, etc.). See Diagram.
- ☐ Order additional resources through Medical.
- ☐ Clearly identify treatment area entry point. Assign a person at the entrance to conduct primary or secondary triage, attach triage tags and direct patients to correct treatment area.
- ☐ Consider appointing “Red,” “Yellow,” and “Green” Treatment Team Leaders and assign support personnel.
- ☐ Establish a medical supply drop area for incoming ambulances and fire units.
- ☐ Provide BLS care in the treatment area until resources allow a higher level.
- ☐ Ensure all patients in treatment area have been tagged with a triage tag.
- ☐ Identify the order in which patients are to be transported. Coordinate patient movement to the loading zone with Transportation.
- ☐ Provide accountability for personnel working within treatment area.

## MCI Task Card – Treatment

### Treatment Area Guidelines

- ☐ Set up treatment area WELL AWAY from Hazardous. Consider ambulance access/egress, wind direction and slope.
- ☐ Make it BIG. Set up in an area that will allow you to expand.
- ☐ Clearly identify entry point and exit point for patient transportation.
- ☐ Utilize colored tarps and flags to identify each treatment area.
- ☐ Separate the green area from yellow/red area. Consider separating with CBRNE unit or other natural barrier.
- ☐ Assign treatment team leaders to each area and identify them with the appropriate colored vests.



# MCI Task Card – Treatment

## SCENE CHECKLIST

| OPS Channels                   | Medical:   | Treatment:                         | Transport: |
|--------------------------------|------------|------------------------------------|------------|
| Assign Treatment Team Leaders  |            | Current Patients in Treatment Area |            |
| RED Team Leader:               |            | Red                                |            |
| YELLOW Team Leader:            |            | Yellow                             |            |
| GREEN Team Leader:             |            | Green                              |            |
| Supply:                        |            | Black                              |            |
| Additional Company Assignments |            | <u>Notes:</u>                      |            |
| Company                        | Assignment |                                    |            |
|                                |            |                                    |            |
|                                |            |                                    |            |
|                                |            |                                    |            |
|                                |            |                                    |            |
|                                |            |                                    |            |

### Other Assignments:

| Command             | Operations | Triage     | Staging    | Destination |
|---------------------|------------|------------|------------|-------------|
| OPS: _____<br>_____ | OPS: _____ | OPS: _____ | OPS: _____ | OPS: _____  |

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## MCI Task Card - Triage

- ☐ Manage the triage function at the incident (should not perform task level triage)
  - ☐ Coordinate personnel/crews performing primary and secondary triage
  - ☐ Maintain accountability of all triage personnel/crews
  - ☐ Ensure rapid primary triage is performed – no more than 30 seconds per patient
  - ☐ Ensure secondary triage point is established when necessary or that secondary triage is accomplished in place
  - ☐ Coordinates movement of triaged patients to treatment/collection/transport area. (order personnel and equipment as appropriate to accomplish this)
  - ☐ Ensures appropriate patient triage log is initiated and maintained. (multiple logs may need to be managed and information integrated depending on the scope of the incident)
  - ☐ Relay triage information up the chain-of-command and updates status as needed
  - ☐ After triage is completed, assists treatment and transport supervisors/teams to locate their patients.
- *In a hazardous incident, patients may not be able to be triaged until they are removed from the hazard zone.*
  - *Consider having crews utilize triage tags during secondary triage so that primary triage may be performed at appropriate speed.*

### **Triage & identify patients by category utilizing “ABC” method:**

- Red\*** Immediate life threat. (Must have rapid transport to survive.)
- Yellow\*** Delayed (Injuries can wait 1-3 hours before transport.)
- Green\*** Ambulatory (Injuries can wait 3+ hours before transport)
- Black\*** Dead (No transport) Move only if needed to reach other live patients.



## MCI Task Card - Transportation

Reports to Medical (Use assigned radio channel)

### **OBJECTIVES:**

1. **Coordinate movement of patients from treatment area with Treatment.**
2. **Coordinate all activities within the loading zone.**
3. **Coordinate flow of transport vehicles with staging.**
4. **Provide accountability for personnel working in Transportation.**

### **ACTIONS:**

- ☐ Establish patient loading zone.
- ☐ Establish one-way vehicle access/egress with Staging.
- ☐ Request additional resources as needed from Medical.
- ☐ Assign Medical Communications.
- ☐ Supervise patient movement to loading zone with Treatment.
- ☐ Monitor medical radio channel to estimate number of incoming patients.

## MCI Task Card - Transportation

**Loading Zone Location:**

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**Access/Egress Location:**

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**Resources Requested:**

| Time | Resource | Unit/Agency |
|------|----------|-------------|
|------|----------|-------------|

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**Medical Communications:**

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

Unit/Agency: \_\_\_\_\_

## MCI Task Card –Destination

### Reports to Transportation

#### **OBJECTIVES:**

1. **Coordinate hospital destination for patients leaving the loading zone.**
2. **Maintain the patient transport log using web based or protocol approved alternative.**

#### **ACTIONS:**

- ☐ Establish communications with “Regional Hospital.” (Via MCI channel, phone number or approved alternative. (800 radio MCI channel or phone (503) 494-7333.)
- ☐ Confirm MCI has been declared with Regional Hospital and Dispatch.
- ☐ Provide total number of estimated patients.
- ☐ Establish communication with loading zone to receive information on patients ready for transport (e.g., face-to-face, runner, radio etc.).
- ☐ When a unit is ready to transport, contact Regional Hospital. Provide & record the following information.
  1. Triage Tag #'s/ UPI if available
  2. Triage color/category
  3. Age/gender
  4. Unit number of transporting vehicle
- ☐ Confirm hospital destination with Regional and record.
- ☐ Inform the transporting unit of its destination.

## MCI Task Card –Destination

| Triage Tag #<br>(last 4 digits) | Triage Level<br><i>R/Y/G</i> | Age | Sex        | Injury<br>Type/Location | <i>Destination</i> | Unit # | Transport<br><i>Time</i> |
|---------------------------------|------------------------------|-----|------------|-------------------------|--------------------|--------|--------------------------|
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |
|                                 | <b>R Y G</b>                 |     | <b>M F</b> |                         |                    |        |                          |

| TAG #                | PATIENT LOCATION                                | TRANSPORT NUMBER |  |
|----------------------|---|------------------|--|
| 1                    |   |                  |  |
| TRIAGE               | <div></div> <div></div> <div></div> <div></div> |                  |  |
| GCS & MAJOR INJURIES |   |                  |  |
| AGE & SEX            |   |                  |  |
| TRAUMA BAND ID       |   |                  |  |
| TRANSPORT UNIT       |   |                  |  |
| HOSPITAL             |   |                  |  |

| TAG #                | PATIENT LOCATION                                | TRANSPORT NUMBER |  |
|----------------------|---|------------------|--|
| 2                    |   |                  |  |
| TRIAGE               | <div></div> <div></div> <div></div> <div></div> |                  |  |
| GCS & MAJOR INJURIES |   |                  |  |
| AGE & SEX            |   |                  |  |
| TRAUMA BAND ID       |   |                  |  |
| TRANSPORT UNIT       |   |                  |  |
| HOSPITAL             |   |                  |  |

| TAG #                | PATIENT LOCATION                                | TRANSPORT NUMBER |  |
|----------------------|---|------------------|--|
| 3                    |   |                  |  |
| TRIAGE               | <div></div> <div></div> <div></div> <div></div> |                  |  |
| GCS & MAJOR INJURIES |   |                  |  |
| AGE & SEX            |   |                  |  |
| TRAUMA BAND ID       |   |                  |  |
| TRANSPORT UNIT       |   |                  |  |
| HOSPITAL             |   |                  |  |

| TAG #                | PATIENT LOCATION                                | TRANSPORT NUMBER |  |
|----------------------|---|------------------|--|
| 4                    |   |                  |  |
| TRIAGE               | <div></div> <div></div> <div></div> <div></div> |                  |  |
| GCS & MAJOR INJURIES |   |                  |  |
| AGE & SEX            |   |                  |  |
| TRAUMA BAND ID       |   |                  |  |
| TRANSPORT UNIT       |   |                  |  |
| HOSPITAL             |   |                  |  |

| TAG #                | PATIENT LOCATION                                | TRANSPORT NUMBER |  |
|----------------------|---|------------------|--|
| 5                    |   |                  |  |
| TRIAGE               | <div></div> <div></div> <div></div> <div></div> |                  |  |
| GCS & MAJOR INJURIES |   |                  |  |
| AGE & SEX            |   |                  |  |
| TRAUMA BAND ID       |   |                  |  |
| TRANSPORT UNIT       |   |                  |  |
| HOSPITAL             |   |                  |  |

| TAG #                | PATIENT LOCATION                                | TRANSPORT NUMBER |  |
|----------------------|---|------------------|--|
| 6                    |   |                  |  |
| TRIAGE               | <div></div> <div></div> <div></div> <div></div> |                  |  |
| GCS & MAJOR INJURIES |   |                  |  |
| AGE & SEX            |   |                  |  |
| TRAUMA BAND ID       |   |                  |  |
| TRANSPORT UNIT       |   |                  |  |
| HOSPITAL             |   |                  |  |

| TAG #                | PATIENT LOCATION                                | TRANSPORT NUMBER |  |
|----------------------|---|------------------|--|
| 7                    |   |                  |  |
| TRIAGE               | <div></div> <div></div> <div></div> <div></div> |                  |  |
| GCS & MAJOR INJURIES |   |                  |  |
| AGE & SEX            |   |                  |  |
| TRAUMA BAND ID       |   |                  |  |
| TRANSPORT UNIT       |   |                  |  |
| HOSPITAL             |   |                  |  |

| TAG #                | PATIENT LOCATION                                | TRANSPORT NUMBER |  |
|----------------------|---|------------------|--|
| 8                    |   |                  |  |
| TRIAGE               | <div></div> <div></div> <div></div> <div></div> |                  |  |
| GCS & MAJOR INJURIES |   |                  |  |
| AGE & SEX            |   |                  |  |
| TRAUMA BAND ID       |   |                  |  |
| TRANSPORT UNIT       |   |                  |  |
| HOSPITAL             |   |                  |  |

| TAG #                | PATIENT LOCATION                                | TRANSPORT NUMBER |  |
|----------------------|---|------------------|--|
| 9                    |   |                  |  |
| TRIAGE               | <div></div> <div></div> <div></div> <div></div> |                  |  |
| GCS & MAJOR INJURIES |   |                  |  |
| AGE & SEX            |   |                  |  |
| TRAUMA BAND ID       |   |                  |  |
| TRANSPORT UNIT       |   |                  |  |
| HOSPITAL             |   |                  |  |