



A conference that is for us and by us

# Pharmacy Preparedness in Action: Disaster and Mass Casualty Simulation

Emily Green, PharmD, MSHS UAB Medicine

Brandon Huang, PharmD, BCCCP, BCEMP, Orlando Regional Medical Center- Orlando Health

Sven Normann, PharmD, DABAT, Orlando Regional Medical Center- Orlando Health

# Disclosure

We do not have a vested interest in or affiliation with any corporate organization offering financial support or grant monies for this continuing education activity.

# Instructions (5 minutes)

# Scenarios (10 minutes)

# Complications (10 minutes)

# Debriefing and Questions (Remainder)

# Scenario 1:

Late into second shift a stroke alert is being flown in. A strong wind gust disrupts landing, and the transport helicopter crashes into the upper floors of the hospital. A code red for multiple fires has been enacted as well as immediate Mass Casualty Incident activation. Patients are being moved from the area and victims brought to the Emergency Department. Central pharmacy is currently unaffected.

**Complication:** Local phone systems, power, and internet access are disrupted and only back-up generators are running.

# Debriefing 1: Strategies to handle communications during MCIs

# Scenario 2:

It is 2 AM, EMS reports that as a nearby outdoor concert was finishing, a drone flew over dispersing an unknown substance. Exposed individuals experienced immediate respiratory distress, altered mental status, and visual disturbances. Approximately 200 individuals are estimated to be exposed, with potential secondary exposures among EMS responders.

**Complication:** Roadways and access points have been cordoned off as police and FBI have spotted the potential drone operator fleeing from nearby. Access to the hospital is currently restricted.

# Debriefing 2: Plans for rationing and triaging countermeasures

# Scenario 3:

A massive thunderstorm surge is projected to hit your area within the next 12 hours. Heavy rains and tornadoes are expected. EMS expects service disruption for at least 12 hours.

**Complication:** The storm has passed but flooding (including in the basement where the pharmacy is) has occurred and downed power lines have rendered travel and movement difficult in the city.

# Debriefing 3: Recovery operations in MCI situations

# Scenario 4:

You are working in the ED in the evening when the EMS radio erupts with calls of a shooting. Less than 5 minutes later victims start arriving via civilian transport. An estimated 30 victims show up in the next 30 minutes and reports are that more could be on the way. Police are actively looking for the shooter.

**Complication:** EMS reports arrive that the shooter has surfaced at a nearby shopping center and additional victims will be arriving imminently. The hospital has gone into lockdown.

# Debriefing 4: Planning for surges/multiple waves of casualties



A conference that is for us and by us

# Pharmacy Preparedness in Action: Disaster and Mass Casualty Simulation

Emily Green, PharmD, MSHS UAB Medicine

Brandon Huang, PharmD, BCCCP, BCEMP, Orlando Regional Medical Center- Orlando Health

Sven Normann, PharmD, DABAT, Orlando Regional Medical Center- Orlando Health