

# BID System Integration During Emergency Management Drills

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## Introduction

- The Emergency Management Program at Beth Israel Deaconess spans all four hospitals (BIDMC, BID-Milton, BID-Needham and BID-Plymouth) yet had not incorporated the entire system for an emergency response exercise.
- A multi-site, mass casualty attack is one of the top tickers on the hospital’s annual Hazard Vulnerability Analysis (HVA), which drives the drilling schedule for the year.
- In November of 2016, an exercise was developed to test the coordination and communication that would be necessary to manage a multi-site attack impacting more than one of the system’s facilities

## Aim/Goal

### *Specific goals included:*

- Test coordination between BIDMC, BID-N, BID-M, BID-P and off-sites
- System wide intelligence and information sharing
- Test patient transfer capabilities between BIDMC, BID-N, BID-M, BID-P and off-sites
- Test safety and security procedures and actions for staff and patients
- Test patient tracking during a large scale movement of patients
- Test surge capabilities of BIDMC, BID-N, BID-M, BID-P and off-sites
- Patient clinical and support activities
- Target special populations of patients (ICU, OR, Pediatric, Geriatric, Burn)
- Utilize magnetic drill boards, which were purchased for each hospital through federal grant money in order to drill regionally

## The Team

- Emergency Management Program (Meg Femino, Claire Berube Sears, Declan Carbery)
- The Incident Management Team at each of the four hospitals
- Various external partners

## The Exercise

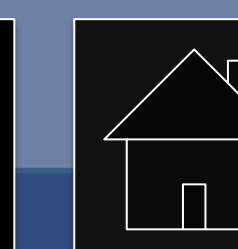
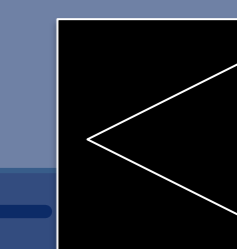
- The 2016 Beth Israel Deaconess system wide drill will be a functional multi-site, multi-casualty exercise at BIDMC along with its three primary affiliated hospitals in the BID system; BID-Milton, BID-Needham, and BID-Plymouth.
- During this exercise, we will activate our EOC and use patient care area disaster simulation boards. It is also designed to stimulate communication and resource sharing between the system hospitals, who will each be participating at their respective facilities.
- This exercise incorporates internal clinical areas, critical infrastructure, the emergency operation center, regional coordination and plans, equipment and assets, communication, safety and security, and personnel - representing clinical areas of the medical center.
- This system wide drill will also incorporate our community-based emergency response partners.

## Key Strengths

- Sharing and routing of information from internal departments and system wide command centers- held two conference call briefings
- Patients were transferred from impacted hospitals to others within the system throughout the exercise
- Collaboration from key service leaders to make operational decisions
- Communication between system-wide hospitals to tackle event response cohesively

**For more information, contact:**

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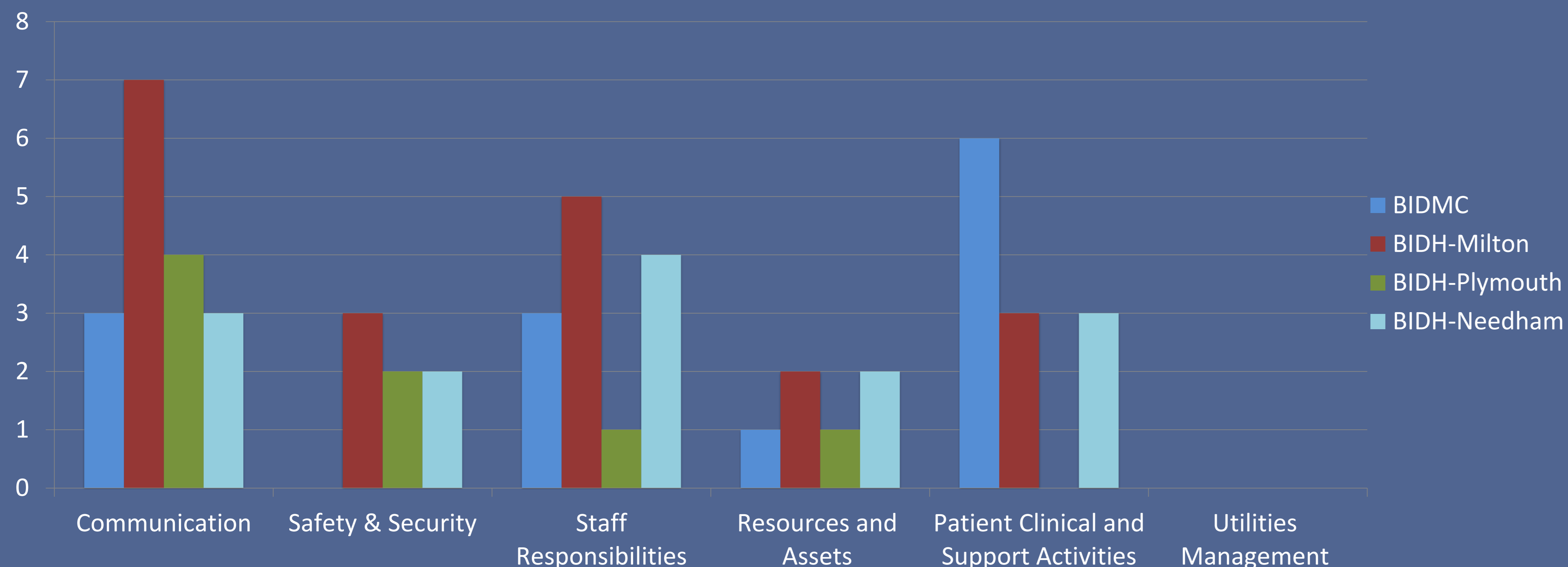
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## Corrective Actions

Corrective Actions by Critical Area



Staff at BIDH-Plymouth participate in the drill by using the disaster simulation boards

## Lessons Learned

- Coordination between system wide hospitals is complicated and would become chaotic during an event of this magnitude.
- Drill planning needs to take into consideration the unique aspects of each hospital and not assume that the drill will play out the same at each facility
- Patient tracking will continue to be a challenge in a mass casualty scenario
- Mass casualty planning looks different at each institution, and moving forward the MCI Plan for each hospital will be reviewed and revised. \*System wide goal for 2017\*

## Next Steps

- Emergency Management will continue to bring together staff for additional system-wide training and drills.
- Beth Israel Deaconess will continue to provide emergency training for staff, in part by sending employees to the FEMA-run Center for Domestic Preparedness in Anniston, Alabama.
- Since the exercise, the Event Go Kits have been completed and now serve as a templated resource for dozens of potential emergency events.
- Communication issues that were encountered during the drill have been mitigated by the purchase of a new radio repeater via federal grant funding for the main campus in Boston.

**For more information, contact:**

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