



# Implementing a Disaster Drill at Your Institution 12-February 2019

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# WHAT IS AN EXERCISE?

- Exercises and their objectives can focus on:
  - Testing a plan, protocol, or new procedure
  - Practicing skills (such as those used for patient triage or tracking)
  - Preparing for more complex exercises
  - Training on new equipment (such as radio equipment or devices used during patient evacuation)
  - Assessing/improving ways in which stakeholders work with each other in various situations

# PEDIATRIC EXERCISES

- Children may need specialized resources related to their needs on the basis of:
  - Anatomic Differences
  - Developmental Differences
  - Immunologic Differences
  - Psychosocial Differences

# PEDIATRIC EXERCISES

- Pediatric patients may present to community providers and hospitals that do not routinely care for children.
- Important to conduct exercises that focus on pediatric populations, identifying gaps in preparedness, training, response, and recovery for children in disasters and address issues such as:
  - Treating children who arrive without a parent or caregiver;
  - Identifying and reuniting children with their families;
  - Pediatric triage;
  - Utilizing pediatric-sized equipment; and
  - Addressing disaster mental health problems in pediatric patients.

# THE GOAL

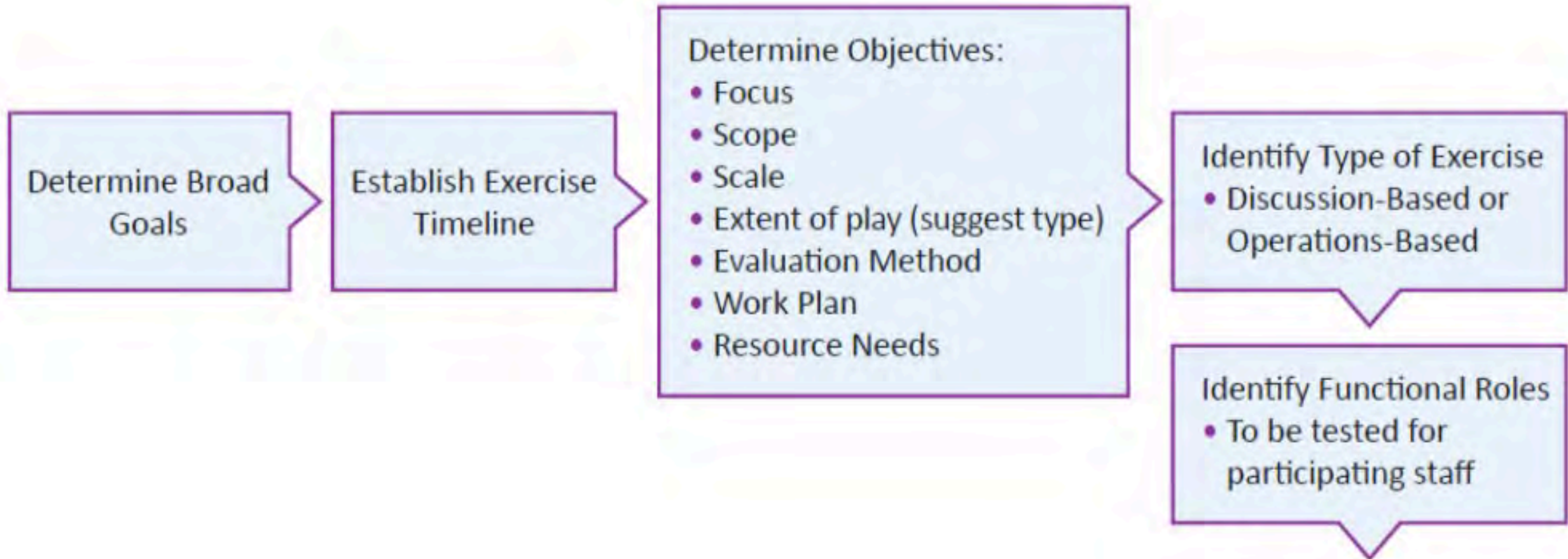
- All disaster-related exercises should include a component or subset of pediatric victims based on their representation in the population and likelihood of being affected by mass-casualty events.

# HOW TO INCORPORATE?

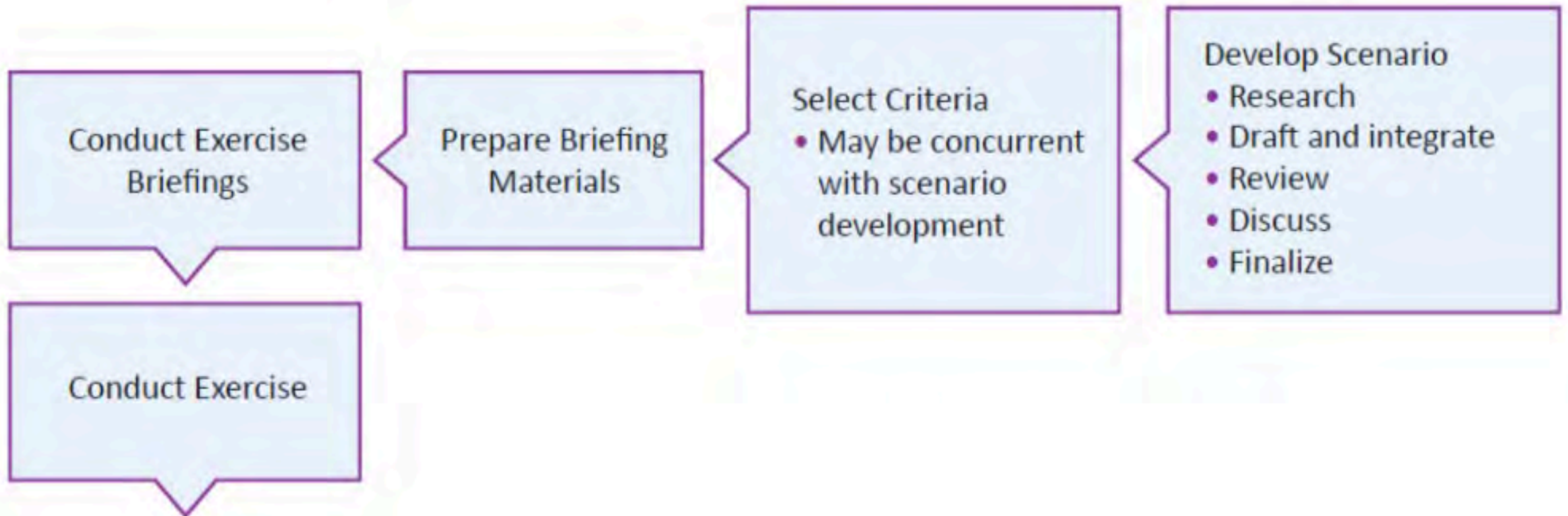
- Pediatric-Specific Exercise Versus Incorporating Pediatrics Into General Exercises
- Different Approaches
  - Pediatric Specific – The “School Bus Accident”
  - Family Centric – The State Fair Attack
  - General Population – Children are up to 25% of the victims



# THE EXERCISE CYCLE



# THE EXERCISE CYCLE



# THE EXERCISE CYCLE



Adapted from: [http://www.cidrap.umn.edu/sites/default/files/public/php/339/339\\_toolkit.pdf](http://www.cidrap.umn.edu/sites/default/files/public/php/339/339_toolkit.pdf)

# FOR EMERGENCY DEPT

- Staff
- Stuff
- Space
- Structure



# DISCUSSION BASED

- Seminars
- Workshops
- Tabletops
- Games

# DISCUSSION BASED

- Seminars
  - Orients participants to:
    - Authorities
    - Strategies
    - Plans
    - Policies
    - Protocols



# DISCUSSION BASED

- Workshops
  - Increase participant interaction
  - Focus on improving plans



# DISCUSSION BASED

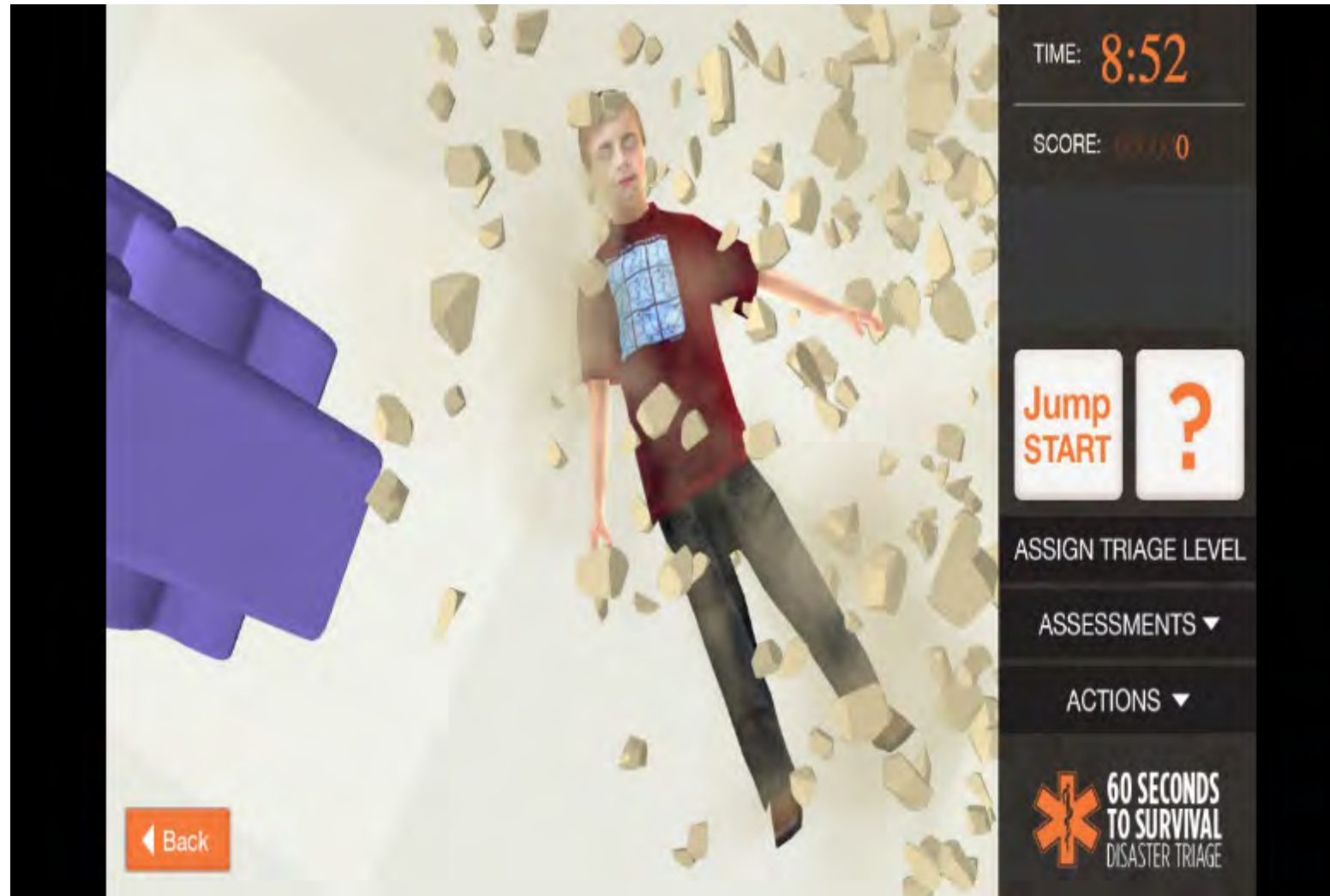
- Tabletops
  - Generate discussion around a hypothetical emergency to facilitate understanding





# DISCUSSION BASED

- Games
  - Simulations



# OPERATION BASED

- Drill
- Functional Exercise
- Full-Scale Exercise

# OPERATION BASED

- Drill
  - Test a specific operation



# OPERATION BASED

- Functional Exercise
  - Validate and evaluate plans
  - Exercise scenario with injects

## RITN Functional Exercise 7/10/2018 Feigin Tower – 1<sup>st</sup> Floor – Conf. Room A (C.0140.05) & Lobby



# OPERATION BASED

- Functional Exercise



# OPERATION BASED

- Full-Scale Exercise
  - Multidisciplinary
  - Coordination
  - Communication



# TYPES OF EXERCISES

	Discussion-Based Exercise				Operation-Based Exercise		
<i>Component</i> • = YES	Seminar	Workshop	Tabletop Exercise	Game	Drill	Functional Exercise	Full-Scale Exercise
<i>Length*</i>	2-5 hours	3-8 hours	4-8 hours	2-5 hours	2-4 hours	Varies	1 to 5 days
<i>Planning Time</i>	Minimal	1 month	5 months	Varies	Varies	6-12 months	6-12 months
<i>Planning Team</i>	Presenter	Small group	•	•	•	•	•
<i>Objectives</i>	•	•	•	•	•	•	•
<i>Planning Meetings</i>			•	•	•	•	•
<i>Scenario</i>			•	•	•	•	•
<i>PowerPoint</i>	•	•	•			•	•
<i>Moderator</i>		•	•			•	•
<i>Facilitator</i>	•	•	•	•	Controller	Controller	Controller
<i>Facilitator Guide</i>	Optional	Optional	•	•			
<i>Situation Manual</i>	Optional	Optional	•				
<i>Participant Feedback Form</i>	•	•	•	•	•	•	•

# NEXT STEPS

- Revise the plan that was exercised or discussed
  - Shortly after the exercise to keep up momentum and while the information is still fresh
- Most plans are written by a small group of people with an idealistic mindset of how the actual event will be handled
- The purpose of certain exercises is to share the plan with exercise participants who can offer input to improve the plan and the professionals' abilities to use plan concepts in a real-world situation.



# RESOURCES

- AAP Pediatric Disaster Preparedness and Response Topical Collection: Pediatric Preparedness Exercises  
<https://www.aap.org/en-us/advocacy-and-policy/aap-health-initiatives/Children-and-Disasters/Pages/Pediatric-Terrorism-And-Disaster-Preparedness-Resource.aspx>