

Johns Hopkins Interactive Learning

Emergency Preparedness Online Training

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EDUC690

Emergency Preparedness Online Training

Subject Matter

This design plan has been created for the Emergency Preparedness Online Training for Pharmacists and Pharmacist Technicians at Johns Hopkins Medicine.

Rationale

Emergencies can occur at unexpected times and they can drastically affect the normal course of activities, especially at work. The consequences of an emergency can imply fatal scenarios; therefore, preparation is a must. Preparation for emergencies should not only include information about how to react and act to specific scenarios, but also where to find resources. Concerned with these facts, Johns Hopkins Medicine has decided to create an online training for pharmacist and pharmacy technicians, so they can know the facts and resources available at Johns Hopkins Medicine to face and overcome emergencies.

Course Description

This self-paced, asynchronous one-module online training can be completed in 30 minutes. It will include a short assessment made up of five randomized multiple choice questions.

An avatar will guide the user through the course. Different scenarios related to emergency preparedness will be displayed in the background

- It will include audio and text
- Participants will be asked at different stages of the module if they have grasped the content and want to move forward or if they want to review any particular section
- All the content by section will be always displayed on the left side of the module
- Links to some materials and information provided by Johns Hopkins Medicine are going to be provided throughout the training
- Participant can retake the assessment/module at their leisure
- An ongoing tab for feedback/suggestions will be available throughout the entirety of the training

Course Content

The one module about Emergency Preparedness will include the following information:

- General information
- The 5 “A’s” of Emergency Management
- Scenarios
- Computer Application Outage
- Network Outage
- Building System Emergency
- Inclement weather
- Emergency Definitions and Procedures (Codes)
- Emergency Preparedness Committee

- Charge Structure
- Department of Pharmacy Emergency Procedures
- Business Continuity Plan (BCP)
- Emergency Preparedness Medication Room
- Conclusions
- Assessment

Learning Objectives

Terminal Objective

Upon completion of this training, the participant should be able to demonstrate mastery of the Johns Hopkins Medicine principles for emergency preparedness by passing an assessment with a score of 80% or better in the first attempt.

Enabling Objectives

- Describe the functions of the Emergency Preparedness Committee
- Identify and locate the pharmacy emergency procedures
- Identify and explain the emergency codes that affect Johns Hopkins Medicine
- Define the importance and functions of the Business Continuity Plan
- Describe and locate the Emergency Preparedness Medication Room
- List possible scenarios for emergency preparedness
- List the steps of action in case of a computer application outages
- List the steps of action in case of a network outage
- Create a plan of action in case of inclement weather
- Define each of the 5 A's of emergency management

Population Profile & Prerequisites

This online training will be taken by professionals such as pharmacists and pharmacy technicians. The following characteristics are expected from participants:

- Professionals with degrees in the fields of Pharmacy, Pharmacy Technology, Medicine, Nursing and similar
- Knowledge of technical language related to emergency preparedness
- Female and male participants
- The expected age will be from middle 20's to early 70's
- Knowledge of Johns Hopkins Medicine acquired during orientation and work
- Experience using *mylearning*
- Ability to use computers and navigate a coursing using Articulate
- Fluency in English

Facilitator's Prerequisite

Even though a facilitator will not be needed for this training due to its asynchronous, self-paced nature, it will be convenient to constantly monitor the feedback section to assess these evaluations.

Evaluation Strategy

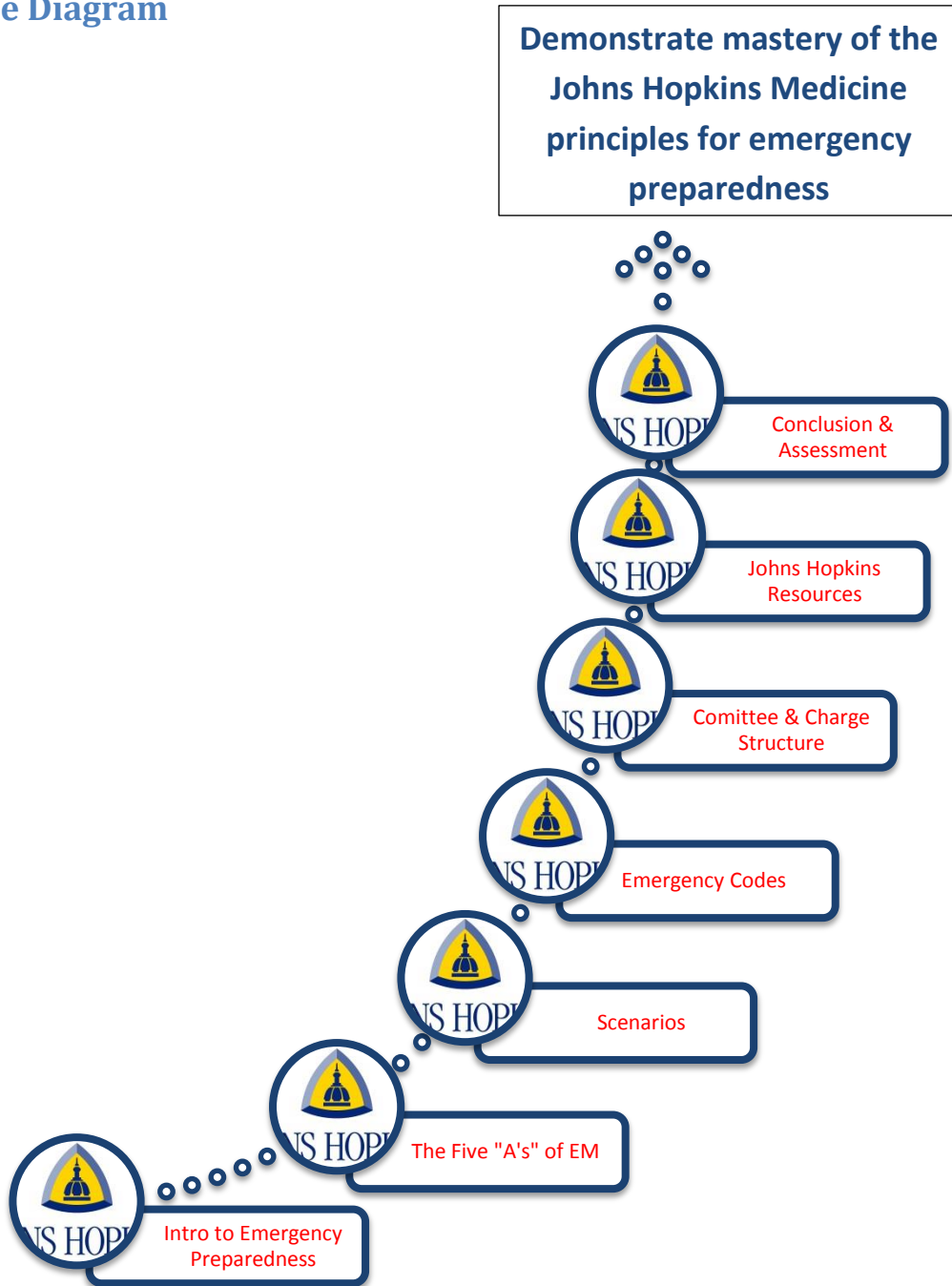
Level 1 (Reaction)

An ongoing Level 1 evaluation can take place in the form of a permanent tab, so participants can always provide feedback about how their learning experience can be improved, especially this training.

Level 2 (Knowledge)

Using a questions bank, participants will be assigned five random questions when completing the tutorial. Participants are expected to obtain a score of 80% or better in order to complete the tutorial. If participants fail in their first attempt to pass the assessment, they will have the opportunity to retake it or to retake the module. In addition, throughout the module, participants are going to be asked if they have grasped the content and move forward or if they want to go back to that specific part of the module to review the information.

Course Diagram



Script

Slide #1 – *Blank background with avatar*

Welcome to the Johns Hopkins Emergency Preparedness Training for Pharmacists and Pharmacy Technicians! I am Bob and I will be your guide today. Click here (*text showing START appears*) to get started.

Slide#2 - *Johns Hopkins Hospital in background and avatar*

Before we get started, let me explain how to navigate this tutorial. This tutorial will last approximately 30 minutes. We will go through basic principles and procedures about emergency preparedness, as well as the resources available at Johns Hopkins. At the end of the module, I will be asking you some questions, so you can demonstrate your mastery of the content. Please, use the arrows in the bottom (*arrows displayed*) of the page to move back and forth in the tutorial. Also, I will be showing you some links that you will have to click to move forward in the tutorial, as well.

Slide #3 – *Avatar with an ambulance in background*

Today we will be talking about: (*text boxes with topics will be displayed*).

Slide #4 - General information about emergency preparedness, such as definitions, will be provided.

Slide #5 – *Avatar in classroom as background*

Now, let's talk about the 5 "A's" of Emergency Management. Click in each of the following links to know more about them. (*5 links with the names of each A will be displayed on the chalkboard. Participants will be able to click in each link and a new slide with information will be displayed. They will have the option to go back the main menu of five options at their leisure*).

Slide #6 – *Access: Avatar points out link. Also the URL in a badge is going to be displayed*

Determine how to access emergency management information

Slide # 7 – *Activation: Avatar in a room with a group of people*

Determine who to get help from to deal with an emergency

Slide #8 - *Assignment: Avatar giving instructions to another person*

Identify your role and responsibilities in an emergency

Slide #9 - *Assets: Avatar with emergency health (i.e. ambulance showing equipment) in background*

Equipment, supplies and services to implement your assignment

Slide # 10- *Authority: Avatar is in classroom again. (Three links with info will be displayed at the right side of the screen: Employee Unit Manager, Department Leaders, and Hospital Leaders) Are you ready to move onto the next topic?*

Slide #11 – *Avatar in classroom*

Now let's talk about some emergency scenarios.

Slide #12 – *Avatar in room with computers and people*

Computer application outage

Slide #13 – *Avatar in room with computers*
Network outage

Slide #14 – *Avatar with fire in building as background*
Building System Emergency

Slide #15 – *Avatar with storm in background*
Inclement weather

Slide #16 – *Avatar in classroom*
Now let's talk about the emergency codes. (8 text boxes with the emergency code colors will be displayed in the screen. When the participant clicks in each of them, the explanation will appear). Are you ready now to move onto the next topic?

Slide # 17 – *Avatar with Johns Hopkins Hospital in background*
So, now that you know the basics of emergency preparedness, let's talk about the resources available at Johns Hopkins to be prepared for emergencies.

Slide # 18 – *Avatar in meeting room with people*
Emergency Preparedness Committee: Provides oversight, planning, coordination, education, and support for emergency preparedness

Slide #19 – *Avatar with chart in the background; chart shows the charge structure*
Charge structure

Slide #20 – *Avatar with a wall and a red binder with emergency procedures in the background*
Also a link will be provided for the online manual

Slide #21 – *Avatar with books in the background*
Business Continuity Plan information will be displayed. Also a link with the online version of the plan will be displayed.

Slide #22 – *Avatar will be in room with medicaments*
Emergency Preparedness Medication Room information will be displayed.

Slide #23 – *Avatar will be again outside of Johns Hopkins Hospital*
Now let's wrap up and review some important information about this module. (*Avatar pointing at user*)
You play an important role in emergency preparedness as a frontline staff member.
Before we move to our assessment, feel free to review any of the sections of the module. When ready, click on the assessment tab.

Slide #24 – *Avatar in blank background*
Assessment: 5 questions will be displayed. The participant will have a scroll down feature for each question. A "submit" box will be available.

Slide #25 – *Avatar in blank background*
"Successful completion" or "Review one or more of the sections of the module and try again"