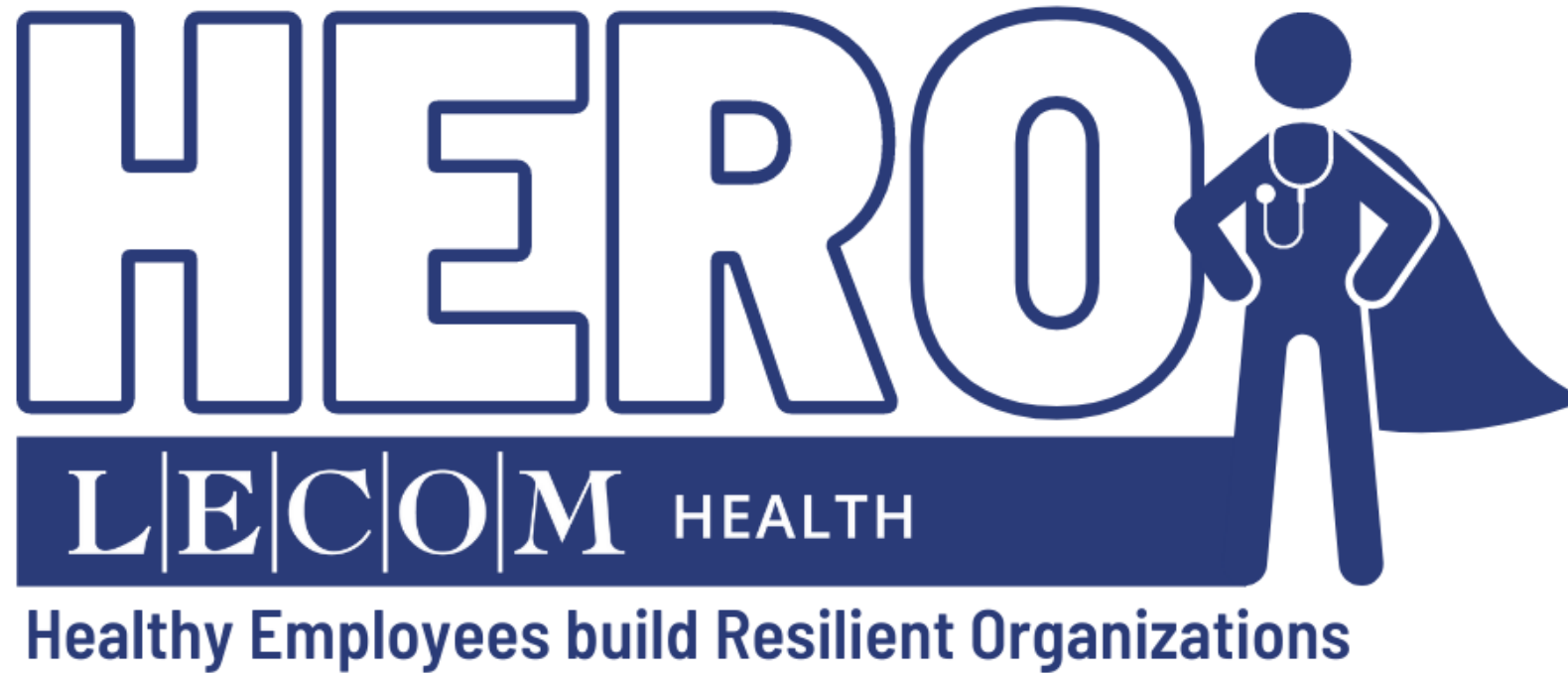


PRACTICAL EMERGENCY MANAGEMENT



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ACKNOWLEDGEMENT



- I have always been a ____ Magnet
- I admit it/I work with it/ I embrace it.
- Hence, I do what I do because of this fact

AN EXAMPLE FOR OUR LOCAL REGION



AN EXAMPLE FROM OUR LOCAL REGION



AN EXAMPLE FROM OUR LOCAL REGION



WHY AM I SHOWING YOU THESE IMAGES?



A BRIEF VALIDATION OF MY CREDENTIALS



CIVILIAN & MILITARY



SCOPE OF PRACTICE

- **I define myself as an EMERGENCY SERVICES PHYSICIAN/PROFESSIONAL**
- **Races/Fairs/Community Celebrations**
- **Concerts/Demonstrations/Protests**
- **Local/State/Federal/International**
- **POTUS/Ambassadors/Consulate's/The Gs(3,5,20)**
- **Nursing Homes/Hospitals/ City/County / State Levels**

THE TRUTH BEHIND THE IMAGE

- **IT IS NOT ALL FUN AND GAMES—MOSTLY HOURS OF LACK LUSTER INTEL BRIEFINGS AND PLANNING**



GOALS for Our Interactional Period

- the participant will be able to apply the principles of the all-hazards approach to risk assessment to:
 - Social Functions
 - Office Functions
 - Personal Life/Events
 -
- The Participant will be able to develop a scaled Hazard Vulnerability Analysis to the settings of:
 - Office Practice
 - Small Social Functions
 - Personal Life Events
- The Participant will be able to apply the principles of pre-planning to situations of general daily practice and life events.
-
- The participant will be able to self-identify their level of preparedness/readiness to the items mentioned on their individual Threat and Hazard Identification and Risk Assessment

Agenda for our Interactional Period

- General Concepts of Emergency Management
- Review of Threat and Hazard Identification and Risk Assessment
- Review of Hazard Mitigation Plan
- Practical Exercises
- Some Tricks of the Trade from the Field Operative side of the house

Who Knows What The Operational Objectives Always are?



The Objectives are always!

- The Preservation of LIFE!
- The Stabilization of the Scene/Event
- Resumption of Government
- Resumption of Economy



Emergency Management Principles That Can Be Used In Everyday Life/Events



THIRA Principles

- **1. Identify the Threats and Hazards of Concern.**
- **2. Give the Threats and Hazards Context.**
- **3. Examine the Core Capabilities Using the Threats and Hazards.**
- **4. Set Capability Targets.**
- **5. Apply the Results.**

THE DEBATE



Threat and Hazard Types

- **Natural Acts/ Events**
 - Hurricanes
 - Tornadoes
 - Epidemics
- **Technological**
 - System Failures
 - Accidents
- **Human Caused**
 - Actual
 - Threatened



Threat and Hazard Types

- **Where can I find/gather intel on threats and hazards**
 - Existing assessments
 - Historical data
 - Neighbors
 - Own analysis
 - Online data (Vet the Source)



Giving the Threats and Hazards Context

- **Greatest Concern(based on probability analysis) is the primary focus**
- **Anticipate how the Threat or Hazard can affect your operations.**
- **Consider multiple Threats and Hazards occurring simultaneously**
- **Consider the cascading of effects of a Threat or Hazard**



Giving the Threats and Hazards Context

- **Show how a Threat or Hazard can affect your operation by giving thought to:**
 - **When might a Threat or Hazard occur**
 - **Time of Day**
 - **Time of year/season**
 - **Where might a Threat or Hazard occur**
 - **Populated versus Rural**
 - **Industrial area**
 - **Schools**
 - **Highways**
 - **What are the conditions that would escalate the level of greatest concern for my operation.**

Examine the Core Capabilities using the Threats and Hazards

Our primary focus is on 5 Areas of Consideration

Prevention

Protection

Mitigation

Response

Recovery



Examine the Core Capabilities using the Threats and Hazards



So how do we really do this

Planning

Public Information/Warning

Operational Coordination

Assessment

Adaption

Execution

Recovery

What is our Desired Outcome

- The Preservation of LIFE!
- The Stabilization of the Scene/Event
- Resumption of Government
- Resumption of Economy

What is our Desired Outcome

- **The Desired Outcome is ALWAYS MISSION COMPLETION WITH MINIMAL ALTERATION TO INITIAL OBJECTIVES**
 - **MININIMAL IMPACT ON TIMELINE**
 - **MINIMAL IMPACT ON EXPENSE**
 - **MINIMAL IMPACT ON CONCURRENT OPERATIONS/EVENTS**

Examine the Core Capabilities using the Threats and Hazards

- **When Considering the Estimated Impacts**
 - **Look at each Threat and Hazard**
 - **Determine the impact on the operation via core capabilities**
 - **Consider the impact of the Hazard or Threat on the operational areas/ mission**



Develop Capability Targets



Capability targets are based on the greatest impact in conjunction with the desired outcomes.

Example: if a family picnic is planned for the afternoon hours only and there will be 50 individuals attending that will need feeding, our target capability would be to feed 50 people in 2 hours time.

Application of the Threats and Hazards Identification and Risk Assessment



**Once we have identified our
Threats and Hazards, we need to
move into risk management mode
Do you need to add to your
assets?**

**Do you just need to sustain your
manning, or do you need to
supplement it?**

Hazard Mitigation Plan

- **Based upon the THIRA, develop plans to mitigate each Threat and Hazard identified.**
 - **Initially treat each Threat as a freestanding event**
 - **Concurrent event plan**
 - **Cascading event plan**
- **Plans are no good if no one knows what they are—PUBLISH THEM!!**
 - **Depending on the operation this could be verbal or written**
 - **Practice these plans**
 - **Tabletop**
 - **Walk through**
 - **Full Exercise**

What are the Benefits of Applying THIRA



Planning

Strategic planning and resource allocation

Mitigation

Project Development and resource management

Risk Reduction

Training

Build scenarios based on THIRA

Write exercises and develop training based on the Threats and Hazards with the Mission Goals in Mind

The Application of THIRA and HMP



**Leads to Mission Accomplishment.
Risk Reduction.**

**Reduction of Costs of Untoward
Events.**

**Reduction in Daily Life/Economy
Disruption.**

Customer Satisfaction.

Continually Assess/Plan/Train/Perform



**Review the THIRA at Least Annually
May be more frequently depending
on events that occur.**

**Include all parties involved in the
THIRA process.**

**Adjust your Hazard Mitigation Plan
as needed based on the new THIRA.
Communicate your THIRA and
Hazard Mitigation Plan to all parties
always.**

Exercise/Application/Review



Exercise # 1 Papa Babysits



Exercise #2 Your Workplace



Exercise #3 A Small Gathering of People



Emergency Management/Emergency Planning is not a one and done!!!

Emergency plan

- All **staff members** should have **specific assigned duties**
- **Contingency plans** should be in **place** in case a staff member is absent
- All **staff members** should receive **appropriated training** in the management of medical emergencies.
- All **clinical staff** members should be **trained** in **Basic Life Support** system for health care providers.
- The dental **office** should be **Equipped** with **emergency equipment** and the supplies should be appropriate for that practice
- **Emergency drills** should be conducted at least quarterly.
- **Emergency telephone numbers** should be placed prominently near each telephone.
- **Oxygen tanks** and **oxygen** delivery system should be **checked regularly**; other emergency respiratory support equipment should be present; in a **good working order** and located according to the emergency plan.
- All medical **emergency medications** should be **checked** and **replacements** should be ordered for specific drugs **before** their **expiratory dates**.
- **One staff member** should be **assigned** the task of ensuring that the above procedures are completed or not.

Do you Carry a Medical Kit?



Mission Dependent

Scope of the mission

Number of individuals attending

Duration

Commercial Kits

**Quick and Easy Answer to a need—
Maybe....**

**Often receive a lot of FLUFF items that will
expire and never be used**

Individualized

Adapted to the event

Requires Frequent Mission based upgrades



Do you have a CRASH CART?



Mission Dependent

Scope of the mission

Number of individuals attending

Duration—has this changed in the last 2 years?

Commercial Kits

**Quick and Easy Answer to a need—
Maybe....**

**Often receive a lot of FLUFF items that will
expire and never be used**

Individualized

Adapted to the event

**Requires Frequent Mission based
upgrades—how fast can those be
implemented?**

Do you have one of these?



Tricks of the Trade from Voodoo Medics



Always Carry a Nasal Trumpet

Always Carry a Turkey Baster

Elastic Bandages are the Bomb!!

Just like in Mud, a 4x4 will get you out!

A Woobie is a must!!

A Tourniquet—never leave home with out one!

Always bring a Newspaper—never know when it gets slow

**Remember INTEL First/Risk Assessment
2nd/Operations 3rd**

Tips from the Voodoo Medics



Always get the best you can

Equipment

Personnel

Intel

Know where your #&*@ is at all times

Equipment

Operational Area

Personnel

Planning with out training is

Conclusion



**Questions
Comments
Confessions**

Thank You.