

Mobile Simulation Unit

If you are interested in making use of the HEROES Mobile Simulation Unit we recommend that you contact us at least 30 days prior to your planned event.

We will then work with you to tailor an experience which best fits your needs.

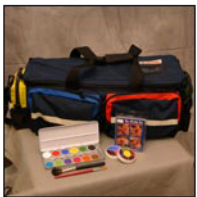
Available equipment includes:



SimMan



Tuff Kelly



Moulage Kit



Ferno Gurney



Incident Vests



Army Cot

For more information please visit our website:

www.OnlineHeroes.org

Revised 05/06/2008

Contact Us

For more information or questions please contact:

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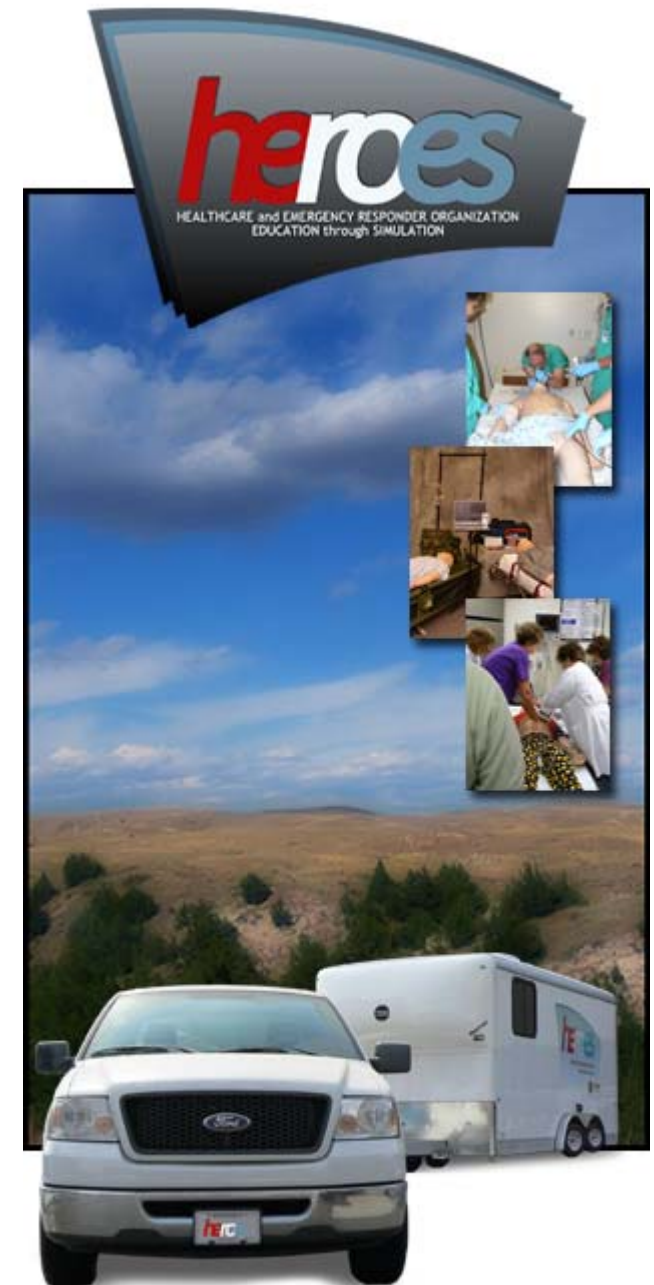
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Supported through a University of Nebraska Programs of Excellence Grant.



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What is the purpose of the HEROES Mobile Simulation Unit?

The HEROES program's goal is to simulate potential emergency and public health threats for students and practicing health professionals. Simulation is a safe place to reduce anxiety, promote learning and maintain competence in emergency response skills.

What is the trailer used for?

The HEROES Mobile Simulation Unit is a flexible space which is easily transformed for hands-on learning. It can be used to simulate an incident command center, rescue squad, incident scene, vaccination clinic or any otherwise unavailable environment needed to create the story of an emergency event.

What kind of manikins are available in the Unit?

Sim Man & Megacode Kelly

These special manikins can be programmed to create the symptoms of an adult male or female victim of a chemical, biological, radiological, nuclear, explosive, or traumatic event. Active learning situations regarding infection control and public health measures can be created. The manikins are approved to be transported by rescue squad or medical helicopter.

Tuff Kelly

Tuff Kelly is an adult weighted manikin without any electronics or animation for safe practice in decontamination exercises, rescue scenarios, and practicing care in a mass fatality. He has realistic articulation and can be showered.

What kind of activities can the HEROES Mobile Simulation Unit do for my organization?

Three examples of potential activities:

Specific Skills

Activities can focus on many assessment or response skills emphasizing personal protection in a disaster or terrorism situation.

- Mock Code.
- Intubation (ET Tube, LMA, Combitube).
- IV Start, Arterial Draws.
- Needle Decompression.
- Cricothyroidotomy.
- Chest Tube.
- Foley Placement (Male and Female).

Complex Patient Scenarios

- Test responders with long term personal protective equipment exposure.
- Team decision making with limited communication resources.
- Hospital Incident Action Planning with enhancement of a functional exercise.

Mass Casualty/Triage

- A mass casualty incident integrating both human volunteers and manikin victims can be created using trauma modules and special make-ups.

What topics work best in healthcare and emergency response with the simulation equipment you provide?

These ideas can be modified and tailored to meet the needs of your response group, providers, organization, or students. Other concepts and ideas can also be created.

- Contagious diseases like smallpox (vaccinia) and pandemic influenza create a nice framework for learners to think about infection control and their use of personal protective equipment.
- Organophosphate exposure symptoms in a manikin can encourage learners to differentiate a nerve agent or pesticide poisoning and begin antidote and respiratory support therapy.
- A victim might present with explosive or traumatic injuries from a bomb blast.
- A patient with special needs in a mass care shelter may need immediate therapy for their chronic illness or condition. They may have issues such as dehydration, mental health, and/or injuries from the disaster.
- Communication and psychological first aid skills can be practiced while getting a detailed history from a very frightened and ill victim to initiate appropriate care and determine the source of radiation sickness in the community.

Who do you work with?

Hospitals, Fire/EMS Departments, Clinical Educators, Colleges, Law Enforcement, Military and Conference Organizers.

How long does it take to develop an educational program?

The HEROES project is designed to meet the specific needs of your institution. We would like to have at least 30 days month to prepare for a HEROES visit. We will work closely with you in person or via telephone conference to determine your needs and the best methods for educational delivery.

How much does it cost to have the HEROES Mobile Simulation Unit come to our institution?

Costs for a visit include reimbursement for gas expense (estimates available upon request), lodging (usually 2-3 personnel required for a visit) if travel from Omaha would require an overnight stay. Supplies such as personal protective equipment can be provided by our project at cost or you may provide your own.

There is no charge for event planning.

For a more information about the HEROES Mobile Simulation Unit and the resources available, contact:

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