Terrorism

Terrorism

* Terrorism is the unlawful use of force or violence against persons or property in violation of criminal laws for purposes of intimidation, coercion, or ransom.
* Attacks in different forms from physical to chemical to biological.
* Numerous areas of vulnerability:
  + Bridges
  + Major highways
  + Plans, Trains, and Automobiles
  + Power Grids
  + Gas lines
  + Public buildings
  + Military installations

International Terrorism

* Radical International Movements (i.e. Jihad)
* State Sponsors of Terrorism
* Formalized Terrorist Organizations

Domestic Terrorism

* Right – Wing Terrorism
* Left – Wing Terrorism
* Special Interest Groups

Chemical Terrorism

Incapacitating – (i.e. pepper spray, mustard gas)

Lethal – (i.e. arsenic, sarin)

Types of chemical agents:

* Choking agents
* Bleeding agents
* Blistering agents
* Nerve agents

Signs of chemical attack

* Dead animals.
* Discolored or dead plant life.
* Unexplained odors (per dispatch).
* Low lying clouds.
* Written or verbal threats.
* Report of an explosion with little

or no physical damage.

* Mass casualty scene or definite casualty pattern with similar symptoms.

Emergency Action for Chemical Attack

* If gas mask unavailable, use a damp towel over nose and mouth.
* Decontaminate ASAP
* Wash twice with soap and water

Bioterrorism

3 main classes:

* Bacterial
  + Anthrax
  + Plague
* Viral
  + Smallpox
  + Viral hemorrhagic fever (i.e. ebola)
* Toxins
  + Botulism
  + Ricin

Signs of bioterrorism

* Unusual number of sick or dying people or animals.
* Suspicious bombing incidents.
* Unscheduled or unusual dissemination of sprayed materials.
* Abandoned spray or dispersion device.
* Containers from laboratory or biological supply houses.
* Calls to 911 Dispatch & EMS Response.
* Written or verbal threats.

Emergency Action for Biological Attack

* Use an N95 mask or equivalent. Regular face masks or clothes (even when damp) will NOT protect you from these agents.
* Decontaminate ASAP
* Wash with soap and water

Bomb Threat

Dirty Bomb

* Radioactive material is very common and easy to obtain today (i.e. Dark Web, corrupt governments)
* Conventional explosive which simply disperses industrial or medical-grade radioactive material over a large populated area with the intent to:
  + contaminate a wide area and render it useless for a period of time
  + cause widespread panic amongst the population.

Exposure

* Alpha
* Beta
* Gamma
* X-Ray

TIME

DISTANCE

SHIELD

Shrapnel Bombs

* + Cheap
  + Available
  + Effective
  + Difficult to detect
  + Maximum benefit /minimum resources

Intended to cause as much injury as possible.

WMDs

* For more available than in the past
* Can use homemade rockets
* Can contain in a suitcase by suicide bomber

Emergency Preparedness for Bomb

* Awareness
  + Training
  + Know your surroundings
  + Don’t ignore suspicious activity – if you see something, say something
* Emergency Action Plan
  + Know location of alarms
  + Know how to turn off power
  + Know how to turn off water
  + Know how to use safety equipment, PPE, and gas masks
  + Know location of emergency supplies (i.e. flashlights, water, medical kit)
* Know your role
  + Should you evacuate or take shelter
  + Who to listen to for instruction
  + Listen to radio or phone for information
  + Give assistance to others when appropriate
  + If evacuating, know where to meet up after
  + If taking shelter, let others know where you are going

Conclusion

* BE PREPARED – HAVE AN EAP
* BE SAFE - SAFETY COMES FIRST
* BE AWARE - TRAINING AND EDUCATION IS THE KEY