



Miami Medical Team Foundation

Fourth Trimester 2001

Year XVIII, Nº 3

MMT a Pioner in BCR

Miami Medical Team has been a pioneer, training in BCR (biological, chemical and radioactive) warfare.

Our experience in three war conflicts: Nicaragua, Angola, Afghanistan, was extensive during the decade of the 80's.

The MMT was invited to work with professor Auvin Heindrick from the Gante University, Belgium, an expert in chemical warfare worldwide, to determine the use of poisonous gas used by the Cuban invaders in Angola.

The experience in Afghanistan in 1989 on terrorism, has been invaluable to understand the philosophy of the attackers of America.

Visits to Poland in 1991, to the city of Kilchie, where a radioactive cloud from Chernobyl had just passed bringing hundreds of congenital malformations in newborns, was of great impact.

In november 1998, the MMT invited Dr. Henry J. Siegelson, F.A.C.E.P., a national and international known expert in terrorism working with "Disaster Planning International", to teach a seminar in Miami, which was awarded 8 hours Category I Credits for the physician's recognition award of the American Medical Association.

On December 2000, the MMT repeated the invitation to Dr. Siegelson, to teach a seminar which was granted 5 hours Category I Credits, of the physician's recognition award of the America Medical Association.

Since the first seminar in 1998, we have been in very close contact with "Disaster Planning International", consulting them to help our community.

General Considerations: Information to the Miami-Dade Community

The MMT was coordinating a visit to Nicaragua from September 13th to September 16th, 2001, with a group of medical doctors, pediatricians and psychiatrists, to work in the Department of Rivas.

New York and Washington, D.C. were attacked on September 11, 2001, therefore the coordinated visit to Nicaragua was cancelled indefinitely, because the MMT was on alert to help the Miami-Dade Community.

The MMT has organized a video and slide presentation to be given to hospitals and civic entities as well as, T.V., radio and newspapers to inform the people correctly on preparedness in case of BCR attacks. The following is a partial list of the activities in the community in which the MMT has actively participated:

1 - Meeting with MMT doctors and logistic personnel to review BCR (Biological, Chemical and Radioactive Warfare) and terrorism.

2 - "Mesa Redonda". Oct. 2001
Moderator: Armando Pérez Roura
WAQI, 710, Radio Mambí. 6:00 P.M.
"Biological, chemical and Radioactive Warfare" (2 hours).

3 - Oct 8, 2001
"Cita a las siete menos cinco"
Moderator: Rolando Barral
TVC (30 minutes).

4 - October, 2001
Agenda Médica. (Medical Newspaper)
BCR/Terrorism interview

5 - Oct 9, 2001
"Radio 10 with Chiche
Buenos Aires, Argentine
BCR/Terrorism warfare interview
(20 minutes).

6 - Oct 12, 2001
"Good Morning Miami"
Moderator: Tomás García Fusté
TELE MIAMI 8:00 A.M.
MMT and the Miami Police Dept.
BCR Warfare

7 - Oct 14, 2001
"En Primera Persona"
WQBA Radio 1140

MMT and Bofill-Basulto. Radio Show
BCR Warfare (2 hours).

8 - Nov 5, 2001
Westchester Hospital
Miami, Florida
BCR Warfare Conference.

9 - Nov 7, 2001
Coral Gables Hospital
BCR Warfare Conference
To staff and employees

10 - Nov 8, 2001
Coral Gables Hospital
BCR Warfare Conference
to staff and employees.

11 - Nov 7, 2001
WQBA 11:00 A.M.
Judicial Watch
BCR/Terrorism (1 hour).

12 - Nov. 13, 2001
Health South Rehabilitation Center
3280 Ponce de Leon
Coral Gables, Fl 33134 7:00 P.M.
BCR/Terrorism

13 - Nov. 20, 2001
"Presidio Político Histórico"
Cuban Ex-Political Prisoners Association
Casa del Preso 8th St. and 11 Ave.
Miami, Fl
BCR/Terrorism

Overview presentation in Terrorism: BCR Warfare

A) Explosives:

Types: TNT, C3, C4, white phosphorus.

Effect:

Expansive wave

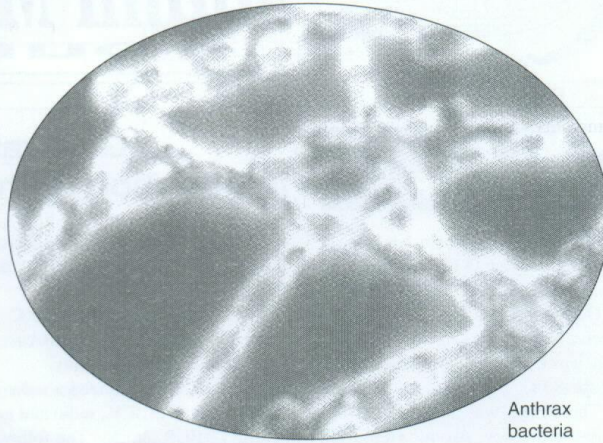
Fragmentation:

Thermal Effect:

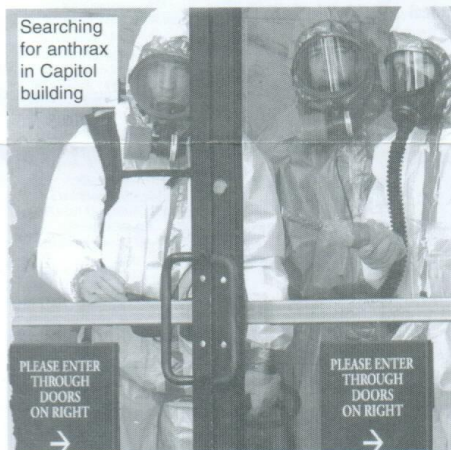
Neuropsychiatric

Injuries:

- | | |
|-------------------------|---|
| 1 - Middle Ear | |
| 2 - Lungs | Alveolar Hemorrhage
Arterial Air Embolism |
| 3 - G.I. Tract Ruptures | |
| Skin Wounds | |
| Burns | |
| Hypoxia | 1- Cardiac pathology
2- CNS air embolism
3- Lung concussion |
| Head Injury | 1- Concussion
2- Subdural Hematoma
3- Epidural Hematoma |



Anthrax bacteria



Searching for anthrax in Capitol building

PLEASE ENTER THROUGH DOORS ON RIGHT

PLEASE ENTER THROUGH DOORS ON RIGHT

Read in "Agenda Médica" every month

"The Adventures of the Miami Medical Team"

A group of men and women of goodwill offering their services for the cause of health, justice and freedom.

Visit the MMT Web page for information www.mmtf.org

B) Chemical Agents:

- | | | | |
|----------------------------|------------------------------------|------------------------------------|--|
| 1 - Dermatological Agents: | 1- Nitrogen Mustard | Necrosis Cells Epidermis | Gas Mask Tyvek Suits Gloves |
| | 2- Sulphur Mustard | Same | Evacuate to hospital |
| | 3- Lewisita | | |
| 2 - Respiratory Agents: | Phosphogenes: | 1 Liter water in alveoli per hour. | Intubation Peep No lasix |
| | Ammonia: | Necrosis respiratory mucosa | Intuba - IV fluid |
| 3 - Blood Agent: | Cyanide: Cytochrome Oxidase Enzyme | Increase Lactic Acid | Amylnitrate Inhalation |
| | | Death | |
| 4 - Neurological Agents: | | | |
| 1- Tobun: | Block Acetylcholinesterase Enzyme | Craneal to caudal palsy | Atropine Pralidoxine Chloride Mark 1 Kit |
| 2- Sarin: | Same | | Same |
| 3- Soman: | Same | | Same |
| 4- V X: | Secret | | Same |

C) Biological Agents:

A) Bacteria:

1- Anthrax: Gram positive
 Bacillus Anthrasis
 Sporus resistant form
 Entry: Skin, digestion, inhalation.

Symptoms: Incubation 3-5 days
 Pneumonia 6-9 days

2- Plague: Gram negative
 Pasteurella pestis
 Entry: Inhalation

Symptoms: Incubation 3-5 days
 Pneumonia

3- Tularemia: Gram negative
 Francisella tularensis
 Entry: Inhalation

Symptoms: Incubation 3-6 days
 Pneumonia

B) Toxins

Botullino Toxin: Clostridium Botulinico
 Block acetilcholinesterase enzyme
 Antitoxin
 I V fluids

C) Viral Agents

1 - Small Pox Variola Blisters, Postules, Face, limbs Vaccination

2 - Filovirus
 1- Ebola: viral hemorrhagic fever
 2- Marburg Virus (Airborne):
 1,000 stronger than anthrax.
 (Variant: Ustinov)

3- Q Fever Rickettsia Flu like symptoms
 Fluids
 Support TX
 4- Glanders: Pseudomana Mallei - Pneumonia
 Support TX
 Vector: ticks

5- Hanta Virus: Viral hemorrhagic fever+renal
 insufficiency.
 Vector: Rat's urine

6- Arena virus: Viral hemorrhagic fever
 Vector: Rat's urine

	<u>Vector</u>	<u>Symptoms</u>
7 - Flavivirus		
A) Dengue Fever	Aedes mosq	Flu, headache Malaise
B) Yellow Fever	Aedes mosq	Fever, jaundice, bleeding, albuminuria

C) West Nile Fever	Culex	Encephalitis
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Similar to: San Louis Encephalitis virus
 Murray Valley Encephalitis Virus
 Japanese Encephalitis virus

8 - Arbovirus:		Encephalitis
Vee (Venezuelan Equine Encephalitis)	<u>Vector</u> Aedes mosq	

Prophylaxis:

Doxycycline 100 mg Bid
 Cipro 500 mg Bid



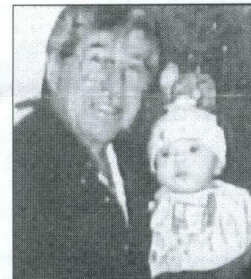
Bob Stevens was the first who died from inhalation anthrax in USA since 1976

Doxycycline
 Streptomycin

Doxycycline
 Streptomycin



Stephanie Dailey and Ernesto blanco were infected by anthrax in Florida, but survived.



Two months after the first cases of anthrax were diagnosed, Otilie Lundgren, 94, of Oxford, Conn., died from inhalation anthrax

December, 2001

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D) Radioactive terrorism:

Changes in Cellular chemistry and DNA

Ionizing Particles:

	Energy	Penetration	Shield	Danger
Alpha	Low	Superficial skin	Clothing	Inhalation Ingestion Absortion Open wounds
Beta	Higher than alpha	Penetrates skin	Clothing	Inhalation Ingestion Absortion Open wounds
Gamma	Very High Energy	Penetrates to tissue	Lead	Radiation Sickness
Neutrons	Very, Very high energy	Damage tissue on contact	None	Make materials radioactive on contact

Terrorist use of Radioactive material

- | | | |
|---|---|---|
| <p>1) Improvised Nuclear Device
Split Uranium/Plutonium</p> <p style="text-align: center;">▼</p> <p style="text-align: center;">Explosion</p> <p style="text-align: center;">▼</p> <p style="text-align: center;">Blast Waves
Thermal Effect
Ionizing Radiation</p> | <p>2) Radiological Dispersal Device
Combine TNT or C3 C4 plus Radioactive Material, stolen from hospitals or local industries.</p> <p style="text-align: center;">▼</p> <p style="text-align: center;">Spread RA material</p> | <p>3) Simple Radioactive Dispersal
Spread RA Material without explosion</p> |
|---|---|---|

Radiation injury:

- | | |
|------------------------|---|
| 1 - Radiation exposure | |
| 2 - Contamination | External
Internal |
| 3 - Incorporation | Body cells tissues Liver
Target organs Thyroid
Kidney |

Radiation Defensive Principles:

- 1 - Time: Limit Amount of Time in contaminated area.
- 2 - Distance: Greater distance lower RA dose.
(if double distance RA reduced by factor of four)
- 3 - Shielding: Alpha Clothes, PPE, surgical,
Beta Same
Gamma: Lead

PPE: Personal Protective Equipment.

Combine: PPE+Distance+Time



Since September 11, governments and citizens are taking more seriously the BCR warfare.

**Miami Medical Team
Foundation**