The EMS Response

The Barricaded Perpetrator
The Barricaded Emotionally Disturbed Person
Stuart Goldstein M.S.
Detective Investigator
NYPD TARU  28 Years
Retired on August 31, 2400 Hours
13 Days Ago
Valhalla Volunteer Ambulance Corp
Paramedic Student
I Have Been On Both Sides Of The Fence
My Son Got Me Back To EMS
We Went To Parades
We Rode Together
Sometimes It Was Scary
My History

January 1987 – May 1990
NYPD 47 Precinct, GLA Car

May 1990 – February 1998
NYC –OEM, Communications Coordinator

February 1998 – August 31, 2014
NYPD TARU, Senior Hostage Negotiation Tech.
Communications Coordinator
I Survived September 11, 2001
You Are All Smart EMS Providers
My Presentation Today

Is Not To Teach

• You People In The Audience How to Treat Injured and Sick People at The Scene of Barricaded Perpetrators with or without Hostages.

• You People In The Audience How to Treat Injured and Sick People at The Scene of A Barricaded Emotionally Disturbed Person with or without Hostages.
I Want To Stop Rumors, I Did Not Hit Him. I Helped Him.
EMS Response
Barricaded Perpetrators'
Hostage Takers
Emotionally Disturbed People
Yes, Let's Make The Jumper Move to the Middle of the bridge.
Do Hostage Barricaded Calls Take Place During certain Times of Day
# Hostage Negotiation Jobs 2013

## Day of Week

<table>
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<th>Day of Week</th>
<th>Number of Cases</th>
<th>Percent</th>
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<td>Saturday</td>
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<td><strong>Total</strong></td>
<td><strong>463</strong></td>
<td><strong>100%</strong></td>
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## Hostage Negotiation Jobs 2013
### Time of Day

<table>
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<th>Number of Cases</th>
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<td>1600 x 2400</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>463</strong></td>
<td><strong>100%</strong></td>
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When Is A Job A Hostage Job
UNLAWFUL IMPRISONMENT
SECOND DEGREE
(A Misdemeanor)
PENAL LAW 135.05
(Committed on or after Sept. 1, 1967)

Under our NYS law, a person is guilty of Unlawful Imprisonment when he or she restrains another person.

The term "restrain" used in this definition has its own special meaning in our law.

A person restricts another's movements intentionally when his or her conscious objective or purpose is to restrict that person's movements.2

A person restricts another's movements unlawfully when he or she is not authorized by law to do so.
General Care: Agitated Patient Restraint / Excited Delirium Criteria

- For agitated patients at risk of causing physical harm to emergency responders, the public and/or themselves

EMT
- Call for Law Enforcement
- ABC and vital signs as tolerated
- Airway management and appropriate oxygen therapy, if tolerated
- Check blood glucose level, if equipped and tolerated. If level is abnormal refer to Diabetic Protocol

EMT STOP

INTERMEDIATE
- Vascular access if possible and safe for provider

INTERMEDIATE STOP

CCT PARAMEDIC
- Patient AGE less than 70: Midazolam (Versed) 2.5mg IV or 5 mg IM or IN may repeat once in 5 minutes

CCT and PARAMEDIC STOP

PHYSICIAN OPTIONS
- Additional Midazolam (Versed) IV, IM or IN

Key Points/Considerations
- Patient must NOT be transported in a face-down position
- If agitated patient goes into cardiac arrest, consider possibility of acidosis, and administer Sodium Bicarbonate as part of initial resuscitation
- Verbal de-escalation of situation should be attempted prior to chemical restraint

- A team approach should be attempted at all times for the safety of the patient and the providers
- If the patient is in police custody and/or has handcuffs on, a police officer should accompany the patient in the ambulance to the hospital
- EMS personnel may only apply “soft restraints” such as towels, cravats or commercially available soft medical restraints
- All uses of this protocol must have review by the Regional QI Coordinator and the Agency Medical Director
What Is A Hostage Barricade

A hostage situation begins the moment a suspect takes a person under his or her control and subjects that person to the risk of bodily harm *for the purpose of furthering a criminal act or to facilitate escape.*

There are two broad categories of hostage situations:

a. The classic hostage situation, in which the hostage-taker is contained within a room, building, store, or other physically segregated area;

b. The mobile hostage situation, in which the hostage-taker is on the street or another location where he or she is not restricted by clear physical boundaries.
Classic Vs. Mobile

Physical Boundary

No Physical Boundary
Outer Perimeter Vs. Inner Perimeter

**OUTER PERIMETER** - Area sufficiently removed from actual scene of incident to ensure the safety of all spectators, including members of the news media, EMS and incoming forces.

The establishment of outer perimeters dictates the evacuation of all civilians and unnecessary police personnel from this area. This is where EMS is.
Ballistic Vest & Helmet
Who Is Who At HNT Scene
EMS Arrives On Scene
?’s You Want To Ask the I/C

• How Many People Involved, this includes the bad guys and hostages and Cops

WHY

• Is the bad guy confined or mobile

WHY

• What is the staging location for EMS

WHY
Staging – Don’t Get Locked In

World Trade Center 1993
Staging Your Ambulance

Can You Get Out?
September 11, WTC
Who Runs The Show At Hijacked Planes On The Ground
The TARU Response Truck

- Cameras
- Listening Devices
- Tools
- Battery’s
- Ballistic Vests + Helmets
Barricades Can Be Anywhere
Housing Development

If a Barricade takes place in a location where we can’t operate from the truck, TARU has two (2) portable Hostage Phone Systems we can set up anywhere.
Equipment ESU May Ask For

- Recon Scout
- Pole Camera
- Fiber Optic Camera
- I-Robot
- Armadillo
Recon Scout

Performance
Indoor range: 100 ft/30m
Outdoor range: 300 ft/91m
Speed: 1 fps/0.3mps
Drop shock resistance: 30 ft/9.1m vertical
Throw shock resistance: 120 ft/31.4m horizontal

Mechanical Specifications
Length: 7.375in/187mm
Shell Diameter: 1.5in/38mm
Wheel Diameter: 3in/76mm
Self-Balancer Length: 4in/102mm
Weight: 1.2lb/544g

Image Sensor
Black and white
Excellent low light sensitivity: 0.0003 lux
Field of view: 60 degrees
Framerate: 30 frames per second
POLE CAMERA
Pole Camera
Fiber Optic Cameras
The Fiber Optic Camera
Fiber Optic Camera Uses
210

Negotiator
It goes into areas where other people won’t have to risk their safety.”

She climbs steps
Its Got All The Bells And Whistles

2.4 GHz. Video

900 MHz. Data

Microphone

900 MHz. Data

High Resolution Video Camera

Infa Red LED Display for Ambient Light Conditions.

Speaker

800 Foot Range Line of Sight
The TARU Tech. Controls The Robot.
Operator Control Unit (OCU)
Here’s What's Really Cool!

PTT = Push To Talk

Negotiator Audio
What’s Going On, On The Scene?

Detective Bureau
What's Going On With Other Agencies?

July 9, 2013, we are in the 75 Precinct at a barricaded perp job. This perp is the guy who shot the cop on July 4, 2013. Everybody is on scene.

A new Captain who recognized me from teaching the Captains Orientation, pulled me aside and asked

WHAT AM I MISSING?
I/C ‘s Check List

- Notify Communications I’m Here
- Set Up An Outer Perimeter based on the Inner Perimeter
- Start Closing Streets
- Talk With Detectives
- Talk With TARU
- Have A HOSPITAL CAR Pointing In Right Direction
- What's This I/C Missing?????
FDNY EMS Standby

- EMS Signal 10-43
- You Get A EMS Supervisor
- You Get A Basic Life Support Ambulance
- If the EMS Supervisor feels there is potential for more injuries
  ( # of Cops, # of Hostages, # of Perp’s )
  he or she will call for more help.
You
EMS
People
Can
Help
EMS Call History Premise Search

- Has EMS Ever Responded To This Address?
- When Did EMS Respond To This Address?
- What Was The Call?
- Is The Patient's Name The Name Of The Subject?
- What was wrong with Patient? Diabetic, Paranoid Schizophrenic or other conditions which could account for the Patient's behavior if the call is an Barricaded EDP.
Previous Response  For

Stabbing

Gun Shot Wound

Acid Burn
Complications
EDP Wants To Turn On Gas

Con-Ed will be called to turn off gas.
New York City Fire Department
Good Outcome
People Being Arrested, No One Hurt
Non-lethal weapons, also called less-lethal weapons,[1] less-than-lethal weapons, non-deadly weapons, compliance weapons, or pain-inducing weapons are weapons intended to be less likely to kill a living target than conventional weapons.
Water Distracter
TASER

[Diagram of TASER]

[Image of TASER in use]

[Image of TASER components: AFIDs, TASER cartridge, TASER wire, probes, blast doors, laser sight, trigger, cartridge release tab, mechanical sights, power indicator and dataport, safety switch, batteries]
The EDP and or Perpetrator has been shot with a TASER

1. The EDP and or Perpetrator is now your Patient.

2. The Taser Hooks are considered a Foreign Body.

3. DO NOT REMOVE THIS HOOK. THE EMERGENCY ROOM WILL REMOVE IT

4. The Cop who shot him, is going to need the Hook and Wire for his report.
I Am Not A PARAMEDIC………Yet!

I Have Been A Cop For 28 Years

I Have Worked on Ambulances since 1977

This is my opinion
Opinions are like Assholes
Everybody has one

I spoke to a Taser Instructor

1. Some Tasers put out initially 55,000 Volts on impact.
2. Then about 1200 Volts per pulse but regulates increases and decreases on its own depending on NEURO MUSCULAR INCAPACITATION.
3. On average it pulses 20 times per second.

**Neuromuscular Incapacitation** (NMI) occurs when a device is able to cause involuntary stimulation of both the sensory nerves and the motor nerves.

The Medics I work with do not remove the darts, hook the Pt up to an EKG and maybe start a line. Protect yourself ( EMS ) against a law suit.
It's Not Good To Taser A Guy Who Has Gas Poured All Over Him
Excuse Me Sir, before I Taser You, I need to know if you have a Pace Maker

Why Do I Tell You This?

When the patient who has been the subject of a Taser goes into cardiac arrest, wonder why?
Do electrical stun guns (TASER-X26) affect the functional integrity of implantable pacemakers and defibrillators?


Author information

Abstract

AIMS:

High voltage electric current can adversely affect pacemakers (PM) and implantable cardioverter-defibrillator (ICD). The standard shock from an electrical stun gun (TASER-X26, TASER International, Scottsdale, AZ) consists of a 5-s long application of high voltage, low current pulses at 19 pulses per second. Its effect on the functional integrity of PM and ICDs is unknown.

CONCLUSION:

Pacemakers and ICD generators and leads functions were not affected by the tested standard 5 s stun gun shocks.
U-Bar
Restraint Straps
Full Body Restraint Bag
On Your Ambulance
Hostage Negotiation Technology
HNT Truck Arrives On Scene

Questions to Ask

1. Are we talking to him/her?
2. How are we talking to him/her?
3. Cell Phone or Hard Line Phone
4. He or She alone? Hostages?
The Throw Phone
• Jumpers
• Perpetrators in windows
• Evaluation of the scene.
Aviation Helps Out Too

Microwave Receiver
You are negotiating with a subject on a cell phone, you believe he is in the apartment that Emergency Service is outside of with their Ballistic Shields and heavy duty weapons.

None of the Cameras we are using to see into the apartment see the subject.

Negotiations are not working, time to make a Tactical Entry.

What’s the number 1 question?
Is The Subject In The Location That You Are About To Breach?
Ping The Phone

Pinging a cell phone is finding out what cell tower their phone is in. This can be used to locate a person that you know has the cell phone. This is used by law enforcement on a regular basis. Usually the information is provided by the cellular provider and you have to have an exigent circumstance at the time.

In 911 systems the location is broadcast with the call. If a bad guy is carrying a cell phone the phone is constantly sending signals to the closest cell tower, even if the phone isn't in use. The location of the cell tower will tell you that the person is within a certain range. When the person moves they can be tracked by which cell towers the signal is bouncing to. Now cell phones come with GPS so your exact location can be traced.
Cell Phone Tower

120 degrees

120 degrees

120 degrees

120 degrees

120 degrees

120 degrees
Specific Location Vs. Cell Site

Verizon: Can Give You Cell Tower (Real Time Tracking Tool)

T-Mobile: Can Give You Phone Location

Sprint: Can Give You Phone Location

Metro – PCS: Can Give You Cell Tower

Cingular \ AT&T: Can Give You Phone Location

Boost Mobile: Can Give You Phone Location

1 Meter = 3 Feet
What's This Do For ESU 3

- Right Phone Number
- HNT is talking to subject at that phone number
- The Ping is for that phone
The **medulla oblongata** is the lower half of the **brainstem**, which is continuous with the **spinal cord**. The medulla contains the **cardiac, respiratory, vomiting** and **vasomotor** centers and so deals with the **autonomic** (involuntary) functions, of **breathing, heart rate** and **blood pressure**.
The Kill Shot Continued

Aim Here
Stuart N. Goldstein
EMT – NYPD TARU Retired

Stuart.Goldstein866@GMail.Com

Skype: Stuart.Goldstein866

Be Safe - Don’t Be Sorry