



# Unparalleled Emergency Preparedness



# Time Critical Emergency Supplies



TyTek Medical products were developed for the battlefield. Almost every day, however, we see and hear how civilians have suffered military style injuries following a deliberate attack or accident. As a result, we have prioritized point-of-injury bleeding in public spaces.

Recent medical research has revealed that there is a Platinum ten-minute period after a mass casualty incident. If you can react effectively in this time you will be able to save lives. TyTek developed the PTENSYS (Platinum TEN SYStem) range to meet your emergency preparedness challenges head on.

With public spaces vulnerable to deliberate and violent attacks PTENSYS is a next generation 'insurance policy' that prepares you for virtually every emergency care situation and

is literally an 'out of the box' duty to care strategy.

Defibrillators and fire extinguishers are placed in public spaces as standard and we believe the inclusion of PTENSYS should be equally valid. We can **educate, equip and empower** you to save lives during the very worst of circumstances.



## SOME DELIBERATE ATTACKS AT PUBLIC SPACES IN RECENT TIMES



Dayton, Ohio  
Active shooter  
**9 killed, 27 injured**



Christchurch, New Zealand  
Active Shooter  
**51 killed, 49 injured**



Saugus High School, CA  
Active Shooter  
**3 killed, 3 injured**



Virginia Beach Municipal Center  
Lone Gunman  
**12 killed**



Walmart El Paso Texas  
Active Shooter  
**22 killed, 24 injured**



Colombo, Sri Lanka  
Deliberate Attacks  
**253 killed, 500 injured**

**PTENSYS**<sup>®</sup>  
TRAUMA RESPONSE SYSTEM

**tytek**<sup>®</sup>  
medical



Sports &  
Entertainment  
Venues



On Campus



Hotels &  
Malls



Transport Hubs



Corporate  
Buildings



Places of  
Worship



Hospitals &  
Healthcare



Industry/  
Manufacturing

**IMAGINE...**

A next generation trauma response system that will help you save lives.

**WE DID.**

We believe hospitals can use our PTENSYS Trauma System in support of Fire Depts and EMS in providing triage/stabilization services during a Mass Casualty Incident. But it's not just about large scale emergencies - **4.6m workplace injuries occur annually**, with cuts/lacerations/punctures in top three most common injuries. Is your first aid kit fit to address severe bleeding?

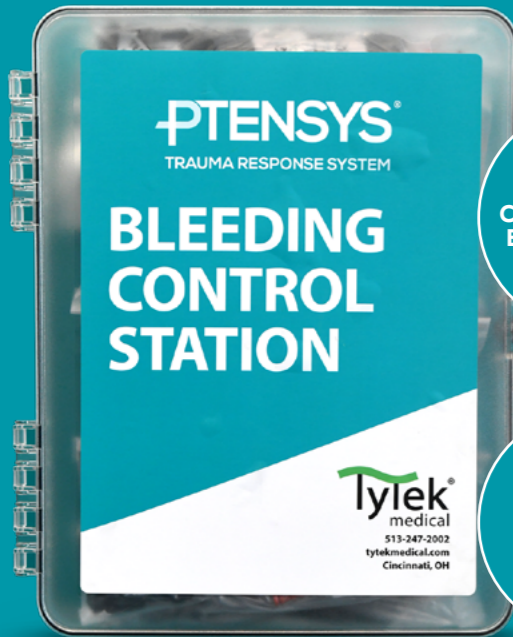
You don't have to be a Physician, Nurse or Professional First Responder to help save a life. **Talk to us about how we can educate, equip and empower you to do so.**

**Call US (+1) 513 247 2002**  
**Call UK (+44) 1902 714943**  
or visit [tytekmedical.com/ptensys](http://tytekmedical.com/ptensys)



# Bleeding Control Station

Containing  
8 Bleeding Control Kits



**ADA  
COMPLIANT**

**2 PAIRS OF  
NITRILE  
MEDICAL  
GLOVES**

**1  
COMPRESSION  
BANDAGE (6")**

**2  
Z-FOLD  
GAUZE**



**1  
INSTRUCTIONS  
FOR USE  
CARD**

**1 PAIR OF  
TRAUMA  
SHEARS  
(5.5")**

**1 COMBAT  
APPLICATION  
TOURNIQUET  
(CAT)**

**1 BLACK  
SHARPIE  
MARKER**

# Bleeding Control Pouch

## Each Pouch Contains:

- 1 Instructions For Use Card
- 2 Pairs of Nitrile Medical Gloves
- 1 Compression Bandage (6")
- 2 Z-Fold Gauze
- 1 Pair of Piranha Trauma Shears (5.5")
- 1 Combat Application Tourniquet (CAT)
- 1 Black Sharpie Marker



# Mass Casualty Incident (MCI) System



**PTENSYS**  
TRAUMA RESPONSE SYSTEM

**TyTek**<sup>®</sup>  
medical

## INTRODUCING EVERYTHING YOU NEED TO SAVE LIVES IN ONE UNIQUE KIT.

PTENSYS® Cabinets house multiple kit bags depending on your requirements. The items in our kits are designed to address severe trauma, these include: Hemorrhage, burn airway compromise, pneumothorax, and hypothermia. This is essential in places that attract large numbers of people, such as transport hubs or any pre-planned mass gathering event, where there is potential to outstrip on-site resources and to ensure you have the most appropriate trauma care kit.

**Categorically, nobody before us** in the emergency medical industry has designed a trauma kit that folds out to allow side-by-side working with added extendable floodlights. This unique feature takes care of poor visibility and frees the hands of rescuers while bringing some order to a chaotic situation.

Each Kit bag is designed to service at least four patients and most of the materials within it are applicable for basic skill level use, especially bleed control.



MCI SKELETON	
Product Description	Qty
Stand	1
Headlamp - Coast FL80 Focusing LED	4

### MCI BAG CONTENTS

Product Description	Qty	Product Description	Qty
Surgical Lubricant	4	TyTek Abdominal Trauma Bandage	1
NPA - L 32FR (8 mm)	2		
NPA - M 28FR (7 mm)	2	SAM Splint	1
NPA - S 24FR (6 mm)	2	CAT Tourniquet	4
OPA - L (size 5)	2	SWAT-T Tourniquet	1
OPA - M (size 4)	2	Triangle Bandages	2
OPA - S (size 3)	2	Biohazard Bag	1
Pocket BVM	1	Duct Tape, Small Roll	1
TPAK - 14 GA	3	Flash Light	1
Pneumodart - 14 GA	1	Nitrile Medical Gloves	8
Sharps Container	2	Heated Blanket	1
Vented Chest Seal	1	XTricate Lyte	1
Cohesive Bandage 3"	4	Plastic Wrap	1
TyTek EZ gauze	8	Pirahna Shears - 7.5"	1
TyTek 6" Trauma Bandage	6	Black Sharpie Marker	1

Contents listed above is per bag, 2 bags per kit.

### BLEEDING CONTROL POUCH CONTENTS

Product Description	Qty
1 Instructions For Use Card	1
Nitrile Medical Gloves	2 pairs
1 Compression Bandage (6")	1
2 Z-Fold Gauze	2
Piranha Trauma Shears (5.5")	1
Combat Application Tourniquet (CAT)	1
Black Sharpie Marker	1

### AIRWAY BAG CONTENTS

Product Description	Qty
Cricothyroidotomy Kit	1
Surgical Lubricant	2
i-gel, size 5	1
i-gel, size 4	1
i-gel, size 3	1
i-gel, size 2.5	1
i-gel, size 2	1
OPA, size 5	2
OPA, size 4	2
OPA, size 3	2
TVAC Suction	1
Nitrile Medical Gloves	4
Medical Tape	1

### BURN BAG CONTENTS

Product Description	Qty
Cricothyroidotomy Kit	1
Surgical Lubricant	4
NPA - L 32FR (8 mm)	2
NPA - M 28FR (7 mm)	2
NPA - S 24FR (6 mm)	2
Roll gauze 4"	6
Dry Burn Sheet	2
Decon Wipes	2
Nitrile Medical Gloves	8
Survival Blanket	2

# XTricate Lyte Emergency Stretcher

TyTek Medical's XTricate Lyte is a high performance, low cost disposable emergency stretcher. Featuring an independent laboratory tested load capacity of 500 lbs, it has four large handles on each side and two large handles at both the foot and head, it is ready to serve and improve your ability to move patients.

The XTricate Lyte is constructed with heavy-duty polypropylene straps, reinforced polyester thread stitching, and backed by a lightweight non-woven polypropylene fabric. Given XTricate Lyte's durability and value, it should be available in every first responder vehicle, event space, school, sport's field, or any place people gather.

XTricate Lyte is designed for patient carry and is not a drag device.

#### Dimensions:

75" x 30" (Open)

12" x 8" x 1.5" (Packaged)

Weight: 12oz

Capacity: 500lbs (226kg)



## Case Study: Action Stations

Working with UC Health



**As part of the Stop the Bleed program, bleeding control stations have been installed at University of Cincinnati (UC) Medical Center and other UC Health locations. So far, 100 stations have been installed across their sites.**

"Each station at UC Medical Center is located near a wall-mounted automated external defibrillator (AED) and contains eight individual kits for bleeding control," says Maria Friday, Director of Emergency Management for UC Health. "With events like the Las Vegas shooting and the Fountain Square shooting in Cincinnati, it reinforces the importance of learning bleeding control techniques to potentially save lives."

The kits were developed by TyTek Medical with the expertise of Dustin Calhoun, MD, Assistant Professor in the Department of Emergency Medicine, and Medical Director for Emergency Management at UC Health, to determine the most effective materials and items that should be included in them.

**Talk to TyTek today to see how we can help your business with emergency preparedness**

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Regina Menninger, trauma prevention and outreach co-ordinator for UC Medical Center and West Chester Hospital said: "One of the key components of the Stop the Bleed training is encouraging people and preparing them with the right tools and skills to help someone who has uncontrolled and life-threatening bleeding."

This chimes with TyTek Medical's mantra to **educate, equip and empower** bystanders to become life savers in the event of a deliberate attack.

**How can we help you?**



# PIRANHA® ALWAYS MAKE THE CUT!

Piranha® Trauma Shears were designed and engineered for military use to eat through the toughest materials to the softest gauze. Available in standard 7.25" and 5.5" sizes.

Piranha® are premium grade tactical shears. Now you can make the cut every single time!



## FINDING PNEUMO

TyTek Medical's new improved thoracic chest decompression needle offers better efficiency, safety and important physical features.

- 3.25" medical grade stainless steel needle
- Compact and portable packaging
- Transparent luer lock cap
- Veress safety tip
- Visual penetration indicator

Get it right first time with the PneumoDart!

NSN 6515-01-655-9514 and CE marked.

TyTek®  
medical

PTENSYS  
TRAUMA RESPONSE SYSTEM

5  
Minutes  
Essential reaction time



Unparalleled  
Emergency  
Preparedness  
For the Everyday

With the right wound, a person can bleed to death in as little as five minutes. The median time for EMS to arrive at your door after making the initial call is six minutes in suburban and urban settings and 13 minutes in rural communities.



**'Most Innovative  
Safety Product'  
awarded by  
Major Events  
International.**

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