

# BUDDY FIRST AID KIT BFAK



**medsurge**   
technics for life



### **BUDDY FIRST AID KIT (BFAK)**

The Buddy First aid kit is designed to equip the individual operator with the basic life-support tools needed for immediate Self-Aid/Buddy-Aid. This Buddy First Aid Kit is configured to address leading causes of preventable death due to penetrating injuries.

The versatile BFAK can be worn by the operator in one of three methods, drop down leg rig, attaché to the assault vest/body armour with MOLLE-style connectors or attached directly to the duty belt.

Designed to cope with all kinds of haemostatic emergency and stored in an organised by EB Military holds all the necessary material for any type of personal emergency.

It can be fastened to the cuff with two Velcro straps and a quick release buckle and is also provided with two horizontal elastic bands which make it easy to attach to the leg if necessary, ensuring that it is firmly attached to prevent any unwanted movements.

It also has an external back with MOLLE system so that it can be fastened to any attachment device worn by the combatant (backpack, jacket, bulletproof vest, belt).



## FEATURES

- High utility pouch (light weight, tough canvas material with three straps, durable (reusable))
- 500D CORDURA Solution-Dyed Nylon with Near Infrared Signature Reduction
- Ghillie-Tex IR signature reduction hardware
- Sand & water resistant, self-repairing zipper with silent 550 cord pulls
- MOLLE Style Attachment System Compatible
- Removable Belt and Leg Straps
- Leg Strap with Quick-Grip



**KIT CONTENTS**

**EMS PROFESSION**

- CAT Tourniquet x1
- Emergency Bandages x1
- Nasal Airway(NPA) x1
- CPR Face Shield x1
- Aluminum Splint x1
- Compressed Gauzes x2
- Chest Seals x1

**GAUZE & BANDAGES**

- Burn Dressing x1
- Adhesive Bandage Bundle x1
- Triangular Bandage x1
- Elastic bandage Wrap x1
- Sterile Gauze Pads x4
- Haemostatic Gauze x1

**TREAT & CARE**

- Burn Gel x1
- Eye Pads x2
- Emergency Blanket x1

**TOOLS**

- Medical Shears 1 pair
- Medical Tape x1
- Exam Gloves 1 pairs
- LED Pen Light x1
- Decompression Needle x1

**BUDDY FIRST AID KIT (BFAK)**

A water puncture resistant bag filled with trauma items is ideal for BFAK refill as well as for all field medics, police, military, combat life savers, first responders, outdoor enthusiasts and more! Be well prepared for any emergency situation during the outdoor adventure, hunting, camping, travel, disaster or accident.

**CONTENTS:**

- 1x Emergency (Israeli) bandage
- 1x Tourniquet
- 1x Combat Cravat
- 1x Emergency blanket
- 1x Compressed gauze
- 1x Chest seal
- 1x Rescue shears



## CHEST SEAL

Chest Seal is an advanced occlusive dressing designed to treat open chest wounds. Penetrating injuries to the chest that result in open chest wounds may lead to tension pneumothorax, the second leading cause of preventable death on the battlefield. Chest Seals are specifically designed with a medical grade hydrogel adhesive strong enough to adhere to skin that is exposed to blood, sweat, hair, sand or water.

## FEATURES

- **Respiratory Treatment**

This RHINO RESCUE vented chest seal is applied for immediate treatment of penetrating injuries to the chest, preventing lung collapsing.

- **3-Vent**

3-channel design prevents airflow into the chest cavity during inspiration while allowing air to escape through the channel during exhalation.

- **Strong Adhesion**

Advanced adhesive technology ensures a superior seal in the most adverse conditions, including sweaty or hairy casualties.

- **Easy Application**

Two-tab is easy to grip in emergency. The first responder can apply and peel it in single step, allowing burping of the wound if necessary. Transparent backing allows you to check the trauma wound anytime.

- **Size**

Small package: H 6" x W 3.75", easy to fit in your tactical IFAK bag. Chest seal size: H 6.5" x W 6.5".

- **Product Dimensions**

6 x 4.5 x 0.75 inches (15.2 x 11.4 x 1.9 cm); 3.21 Ounces (91 grams)



## TOURNIQUET

The Tourniquet has been completely re-designed, making it the most effective Combat Application Tourniquet to date. The Tourniquet is simpler to use thanks to a single application protocol, single buckle routing system and further improvements to its components and construction.

### FEATURES

#### **Windlass Strap:**

- Features a recording section for time tracking, crucial to prevent tissue necrosis due to prolonged hemostasis.

#### **Windlass Clip:**

- Designed with a V-shaped notch for quick and easy locking.
- Made from a new material that resists scuffing and ensures durability.

#### **Windlass Rod:**

- Constructed with sturdy metal aluminum, ensuring it's not easy to break under pressure.

#### **High-Strength Internal Band:**

- Engineered to withstand significant traction and torsion, enhancing the reliability and safety of the tourniquet.
- Maintains toughness even after multiple uses (for training purposes only).

#### **Single Routing Buckle:**

- Fitted with a solid plastic buckle to ensure fast application time.
- Designed to provide superior bite, reducing chances of loosening during application.



## NITRILE GLOVES

### FEATURES

#### **LATEX-FREE & POWDER-FREE:**

Experience worry-free protection with our nitrile gloves, made without natural rubber latex or powder. A perfect solution for those affected by common glove allergies and sensitivities.

#### **ENHANCED TACTILE FEEDBACK:**

These blue nitrile gloves feature a smooth finish that offers superior tactile sensitivity, so you can feel even the slightest touch.

#### **VERSATILE & PRACTICAL:**

Ideal for use in various settings such as laboratories, kitchens, workshops, or around the house. Rhino Nitrile Gloves not only protect your hands but also deliver excellent grip and performance to handle any task with ease.

### SPECIFICATIONS

- |                    |         |
|--------------------|---------|
| • Material         | Nitrile |
| • Finger Thickness | 0.12mm  |
| • Palm Thickness   | 0.08mm  |
| • Color            | Blue    |
| • Finish           | Smooth  |





## MEDICAL PENLIGHT

### FEATURES

#### **Illuminate Your World with Our Outstanding Penlights**

Discover the ultimate blend of convenience and exceptional performance with our sleek and versatile penlights. Their comfortable grip coupled with brilliant white light make your daily tasks not just easier, but a breeze.

#### **Premium Quality that Shines Bright**

Our 2-piece LED penlight set is designed to provide superior quality and reliability. Whether you're navigating in the dark, finding a lost item, or reading a book, you'll always have a dependable light source at your fingertips.

#### **Indispensable Tool for Medical Professionals**

Each penlight features a convenient clip design for easy portability and a built-in pupil gauge, making it an indispensable instrument for doctors, nurses, and other healthcare professionals. Illuminate your work with precision and ease.

#### **Essential for Every Home**

But these penlights aren't just for professionals. They are perfect for checking your children's sore throats, ears, or noses at home, providing reliable illumination for all your family's needs. Add these stylish and practical penlights to your home essentials, and make sure you're never left in the dark.



## EMERGENCY/ISRAELI BANDAGE

### FEATURES

#### **The Quintessential Quick Clot Solution**

Designed for action, the RHINO Life-Saver Trauma Dressing is your reliable companion for managing emergencies. Whether you're a family at home, an adventurer in the wild, or a soldier in the field, this quick clot solution is an essential addition to your first-aid kit. Available in 4/6/8 inch sizes, this lightweight device (approx. 170g) is versatile and easy to use in different situations.

#### **Distinctively Versatile**

Engineered with cutting-edge technology, our trauma dressing features an extendable wrap up to 4m. With a robust elastic wrap and sterile non-adherent pad, it's more than a wound dressing—it's a multi-purpose tool that can sling an arm, secure splints, or assist in any emergency requiring a reliable wrap.

#### **Unmatched Rapid Application**

Specially designed for stress situations, our trauma dressing eliminates the need for pressure bars or hooks, ensuring an uncomplicated, quick application process. Its innovative Quick-Grip Roll Control tabs prevent unrolling, providing you with a swift, efficient, and secure dressing process.

#### **Superior Sterility**

For your safety, each 8 inch bandage comes vacuum-sealed in a low-cube package with easy-to-spot red tear notches. Our dressings are sterile, providing an unimpeachable solution for handling injuries.

### SPECIFICATIONS

- Size 4/6/8 inch



## COMBAT TRIANGULAR BANDAGE

This large, dry, sterile burn dressing functions as a burn dressing, tourniquet, sling, and more, providing a comprehensive solution for various emergency situations.

### FEATURES

#### Durable Material

Constructed with two layers of spunbond polypropylene, the 45" x 45" x 63" bandage features two high-strength polyester lock-stitched reinforcement seams for enhanced durability.

#### Sterile and Non-Adherent

The sterile bandage ensures safe application without sticking to the wound, providing comfort during use.

#### Compact Packaging

Vacuum-packed in a 3 mil nylon poly barrier bag, the bandage is 33% larger than standard cravats and 50% smaller in cube after vacuum sealing, making it easy to store in your aid kit.

#### Package Inclusions

Each package comes with two (2) closed safety pins and a rubber band, separately packaged in a 2 mil nylon poly bag for convenience.



## STERILE COMPRESSED GAUZE

### FEATURES

#### High Quality

RHINO RESCUE gauze, made of 100% cotton, has excellent fluid absorption and stability. Meanwhile, the cotton gauze is soft, breathable, flexible and not easy to tear out.

#### Multiple Use

The sterile compressed gauze can be used to control hemorrhage in conjunction with a compression bandage, and also used as a backing gauze for hemostatic dressings or for minor wound bandaging. It's an essential trauma dressing in first aid kit.

#### Compact & Portable

It is a 4.5" x 4.1yd gauze with z-folded compressed pack. The ultra-compact size makes it easily to fit any IFAK and medic trauma kits.

#### Long Shelf Life

The sterile gauze is vacuum sealed with durable individual package and can be stored for at least 5 years.

#### Actual Combat Tested

RHINO RESCUE products are supplied to global military forces in many countries, and our products have been tested repeatedly in actual combat.

### SPECIFICATIONS

- |                   |                           |
|-------------------|---------------------------|
| • Material        | Cotton                    |
| • Size            | 6 Count (Pack of 1)       |
| • Item Dimensions | 4.72 x 2.36 x 0.31 inches |
| • Style           | Gauze                     |



## COMBAT TAPE

### FEATURES

#### **Introducing Our All-Weather Gray Tape – Your Reliable Companion for Various Tasks**

Discover the versatility and durability of our all-weather gray tape, designed to handle any situation. This high-quality, waterproof tape is residue-free, making it ideal for a wide range of applications, from sealing and winterizing your home to hanging plastic sheeting and emergency repairs.

#### **Extra-Strength, All-Natural Adhesive for a Reliable Grip**

Our heavy-duty tape features an extra-strength, all-natural adhesive, ensuring a reliable and ultra-strong grip for a multitude of tasks. With its superior adhesion properties, you can trust our gray tape to stay put, regardless of the conditions.

#### **Easy-to-Use Design for Convenient Application**

The tape is designed to tear easily by hand, eliminating the need for scissors or a dispenser. This makes it an excellent choice for use as packaging tape for shipping heavy freight boxes, or for bundling items such as wooden planks for storage.

#### **Experience the Quality and Convenience**

Choose our all-weather gray tape for its premium quality and convenience. Whether you're tackling everyday tasks or emergency repairs, our versatile tape offers a reliable solution. Experience the difference today!



## ELASTIC CREPE BANDAGE

Made with a blend of cotton and spandex, these bandages provide a comfortable fit, offering support and breathability. Each package comes with 12 pieces, ensuring you're always prepared for any situation.

### FEATURES

- Size 7.5 cm x 4.5 cm, 26 cm x 15 cm (pieces)
- Weight 350g
- Material 80% Cotton + 20% Spandex

Whether you're an athlete in need of reliable support, or just want to keep your first aid kit fully stocked, our RHINO Elastic Crepe Bandages are a versatile and essential addition to your medical supplies.



## SOLUBLE HEMOSTATIC GAUZE

### FEATURES

#### **Soluble Hemostatic Gauze: Advanced Wound Care**

Experience superior wound management with Soluble Hemostatic Gauze. This soft, uniformly colored fabric, available in two sizes - 10x10cm and 10x90cm, is made primarily of sodium carboxymethyl cellulose. Its light yellow or white knitted fabric is sterile packaged in foil bags, ensuring its three-year shelf life.

#### **Effective Hemostatic Action**

Soluble Hemostatic Gauze is designed to quickly absorb exudates from the wound surface, forming a viscous gel that effectively stops bleeding, protects the wound, and accelerates healing for trauma and post-operative wounds.

#### **Indications and Contraindications**

Soluble Hemostatic Gauze is ideal for external, short-term use in controlling bleeding from lacerations, cuts, abrasions, and venipuncture for the general population, including those on anticoagulant medications. However, it is not intended for large-area wound hemostasis or large artery hemorrhage.

#### **Usage Guidelines**

To use Soluble Hemostatic Gauze, remove it from its sterile packaging and cut it to fit the wound area. Apply slight direct pressure until the bleeding stops. The dosage can be adjusted based on the amount and nature of the bleeding, with multiple layers applied if needed. If the gauze becomes saturated, moisten it with sterile water or saline solution, then gently wipe away any excess material.

#### **General Directions**

Fold in half to create two layers, then apply it to the cleaned wound using dry instruments or gloves. Apply pressure to the wound site and add more layers if needed, moistening with saline for better adherence. If desired, combine with standard wound dressings for additional protection. In case of recurring bleeding, reapply pressure and add more layers as needed. To remove excess material, rinse with saline and gently wipe—do not peel the gauze off directly.



## SPRINT

### FEATURES

#### QUALITY & COMFORT

Manufactured with a thin core of aluminum and padded by an outer foam shell, the Survive ware splint is lighter and more flexible than other traditional splinting materials.

#### CONVENIENT

Stay supported by not having to remove the splint for x-rays - it is radiolucent and allows the x-ray beam to pass through it. The splint is lightweight but strong, water-proof, reusable, compact, latex-free, and easy to use.

#### CLEAR INSTRUCTIONS

Having clear instructions printed on the outside is a must for stressful situations. This makes our splint the perfect supplement to emergency first aid kits. This 36" x 4.4" rolled splint weighs next to nothing and is easy to store and transport.

#### STABILIZE INJURIES

The Survive ware splint can mold itself to whatever shape you need to stabilize an injury. Manipulate it by folding, molding, bending, and cutting (you only need regular scissors) to fit your desired size and to immobilize and protect injured bones, fractures, sprains, strains, and muscle stress.

#### PLIABLE AND STRONG

Once the splint is unrolled, it is pliable and easy to shape. As soon as it is shaped into one of three curves, it becomes sturdy and extremely supportive of any injured part of the body, even a neck brace. In survival situations, you could even fashion it to work as a shovel. An ingenious multi-use medical kit must-have





**EMERGENCY BLANKET**

**FEATURES**

Emergency Thermal Blankets - an essential piece of any emergency kit, perfect for bug-out bags, go-bags, and home/auto emergency kits. Advanced aluminized Mylar design provides excellent insulation and protection.

These blankets are designed to be compact and portable. Each individually folded, wrapped, and sealed blanket is easy to store and retrieve. Despite their small size when packed, they unfold to a large 1.6m x 2.1m size, providing ample coverage in emergency situations. They are reusable, waterproof, and windproof, providing ground cover, shade, and vital body heat conservation.

Ideal for emergencies that require warmth or protection from all-weather conditions. They help prevent hypothermia and shock by retaining or reflecting up to 90% of body heat. These blankets are a lifeline in damp, wet, and cold environments, where they block rain, snow, and moisture.

Constructed from high-quality, waterproof, and weatherproof foil and Mylar, these blankets ensure heat retention or deflection. The innovative Mylar insulation and foil cover work together to reflect heat back to the body or deflect it from the sun.

While perfect for camping trips and sporting events, these Emergency Thermal Blankets have countless uses: from a tent footprint, backpack cover, rain poncho, and emergency signal, to a solar oven, shade cover, and fishing lure. It can even serve as a bird repellent, emergency shelter, sleeping bag liner, ground cover, bivouac sack, and much more.

Size            1.6m x 2.1m  
 Color         Silver



## DECOMPRESSION NEEDLE

This vital and indispensable tool is designed for emergency situations. When every second counts, this kit equips medical professionals, emergency responders, and military medics with the essential resources needed to manage tension pneumothorax injuries in the field effectively.

The Rhino Tension Pneumothorax Access Kit is compact, lightweight, and easy to carry, ensuring you always have the right tools at hand. Its components are made from high-quality materials, designed to withstand the rigors of emergency use, and provide reliable performance in critical situations.

### KEY FEATURES:

Compact and lightweight design for easy transportation and storage

High-quality components built for reliable performance in the field

Essential tool for medical professionals, emergency responders, and military medics

Comprehensive kit includes all necessary components for managing tension pneumothorax injuries

Stay prepared and ready to act in life-threatening situations with the Rhino Tension Pneumothorax Access Kit. Add this essential tool to your medical equipment arsenal and ensure you're always equipped to save lives when it matters most.



## MEDICAL SHEARS

Medical shears, also known as tuff cuts, are a type of scissors used by paramedics and other emergency medical personnel to quickly and safely cut clothing from injured people. They usually consist of a plastic handle with a metal blade, which is traditionally bent at about 150 degrees, giving them an unusual appearance as compared to normal scissors, and also a longer “lever arm”. The wide, blunt tip on the shears is designed to slide across skin, minimizing the risk of injuring the patient while cutting clothing.

## FEATURES

- Made of high grade stainless steel with a special edge that has custom cylinder turner built into it 7 1/2" pair of scissors can cut through a cast and even through a penny! Fully autoclavable with one serrated blade.
- SHEARS
- 1 unit
- Dimension: 19.5cm x 2cm x 10cm



**NASOPHARYNGEAL AIRWAYS (NPA)- ASSORTED**

Rusch Ultra Robertazzi Nasal Airways are made of soft Ultrasil material that provides greater patient comfort than other rigid plastic nasal airways.

**FEATURES**

- LATEX-FREE ROBERTAZZI AIRWAY
- MEDIPRENE® construction
- Flexible for maximum patient comfort
- Soft material for enhanced nasal passage-way comfort
- Rounded tip allows for gentle insertion
- Trumpet design for secure placement
- Emergency kits available – include foil packages of lubricating jelly



**STERILE EYE PAD**

Prevent further injury to injured eyes by protecting the wound from infection or strain.



**STERILE GAUZE PADS**

For open wounds it is recommended to use sterile gauze only. Gauze pads and gauze sponges are used in a number of different applications and are great for general cleaning, dressings, prepping, packing and debriding wounds. It can also be used as a temporary absorbent dressing over wounds.



# STOP THE BLEED®

No matter how rapid the arrival of professional emergency responders, bystanders will always be first on the scene. A person who is bleeding can die from blood loss within five minutes, so it's important to quickly stop the blood loss.

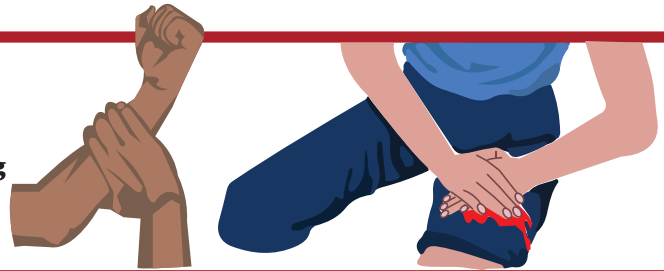
Remember to be aware of your surroundings and move yourself and the Injured person to safety, if necessary.

**Call 911.**

Bystanders can take simple steps to keep the injured alive until appropriate medical care is available. Here are three actions that you can take to help save a life:

### 1. Apply Pressure with Hands

EXPOSE to find where the bleeding is coming from and apply FIRM, STEADY PRESSURE to the bleeding site with both hands if possible.



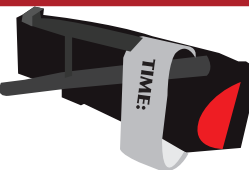
### 2. Apply Dressing and Press

EXPOSE to find where the bleeding is coming from and apply FIRM, STEADY PRESSURE to the bleeding site with bandages or clothing.



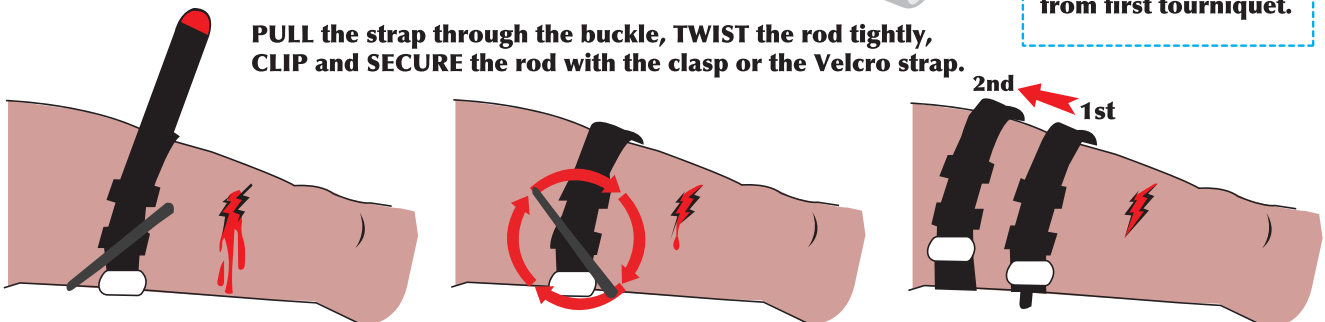
### 3. Apply Tourniquet(s)

If the bleeding doesn't stop, place a tourniquet 2-3 inches closer to the torso from the bleeding. The tourniquet may be applied and secured over clothing.



If the bleeding still doesn't stop, place a second tourniquet closer to the torso from first tourniquet.

PULL the strap through the buckle, TWIST the rod tightly, CLIP and SECURE the rod with the clasp or the Velcro strap.



# STOP THE BLEED

## INSTRUCTIONS

### 1 PERSONAL PROTECTION EQUIPMENTS



Personal Protection - an overview  
 It defines the four fundamental concepts of personal security: being prepared; being alert; taking proper precautions to reduce the chance of becoming a victim

### 3 WOUND PACKING COMPRESSED GAUZE



High Quality Made gauze is 100% cotton made and has excellent fluid absorption and stability, sterile and ready to use.  
 Moderate to Heavy Blood Loss, gauze can be used to control hemorrhage in conjunction with a compression bandage, and also used as a backing gauze for hemostatic dressings or for minor wound bandaging.

### 2 SEVERE BLEEDING TOURNIQUETS

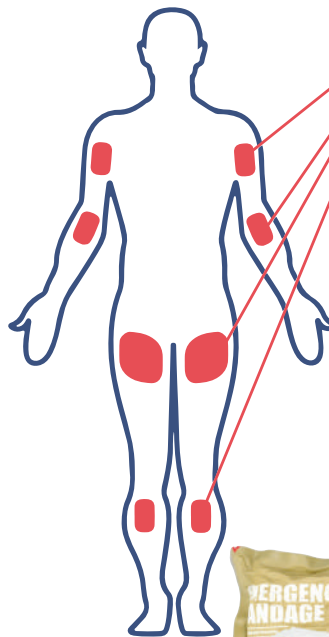


The Combat Application Tourniquet (CAT) is a small and light-weight one-handed tourniquet that completely occludes arterial blood flow of an extremity in the event of a traumatic wound with significant haemorrhage.

### 4 MODERATE BLEEDING TRAUMA DRESSINGS



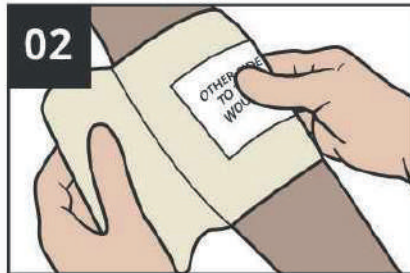
The emergency Trauma Dressings consist of a tough elastic wrap equipped with sterile non-adherent pads, durable safety devices, and an innovative quick-grip roll control configuration. This combination facilitates a fast, controlled, and highly effective application process in the most demanding conditions. It can also be used to bind and swing arms, to secure a splint to the extremities or to perform in other functions that require elastic wrapping.



**EMERGENCY BANDAGE APPLICATIONS TECHNIQUES**



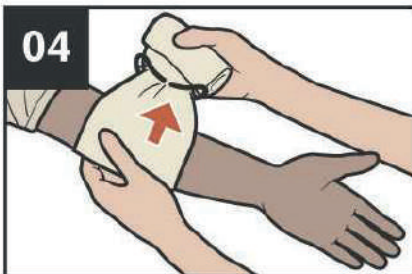
**01**  
**REMOVE** the bandage from the pouch and packaging



**02**  
**PLACE** the pad directly on the wound and maintain pressure



**03**  
**WRAP** the elastic bandage around injured extremity and maintain pressure



**04**  
**INSERT** the elastic bandage into the pressure bar



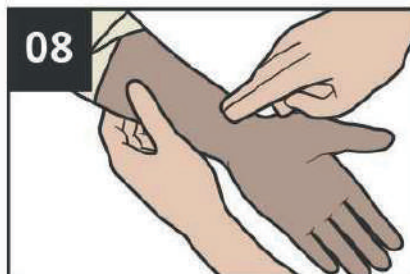
**05**  
**REVERSE WRAP** the elastic bandage back over the top of the pressure bar



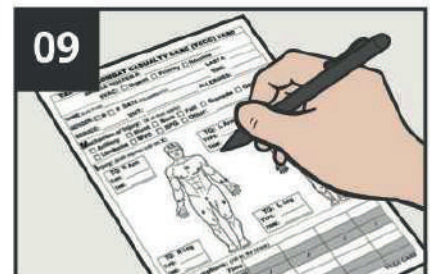
**06**  
**WRAP** bandage tightly over the pressure bar until pad edges are covered



**07**  
**SECURE** the hooking end of the pressure bar into the elastic bandage



**08**  
**ASSESS** circulation below bandage to ensure a pulse; loosen, if needed



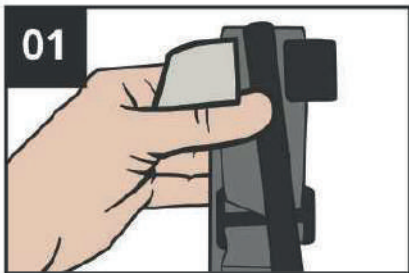
**09**  
**DOCUMENT** medical aid on a DD1380 TCCC Card



**10**  
**COMMUNICATE** with medical personnel any aid provided



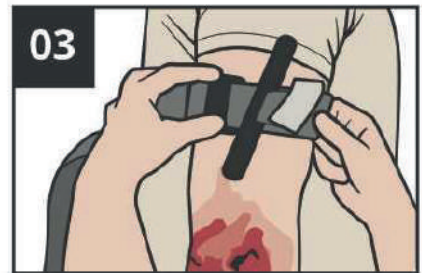
**TOURNIQUET APPLICATIONS TECHNIQUES**



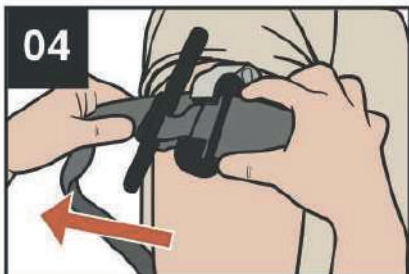
**01**  
**REMOVE** CAT tourniquet from the first aid kit or carrying pouch



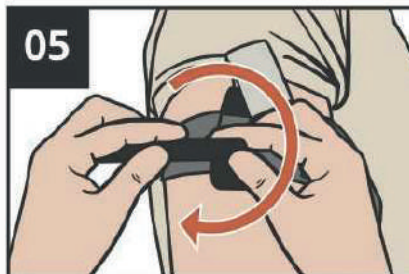
**02**  
**SLIDE** the injured arm or leg through the loop of the self-adhering band



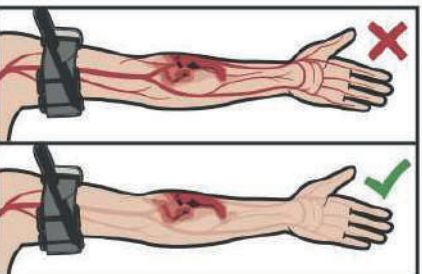
**03**  
**POSITION** self-adhering band at least 2-3 inches above the wound site



**04**  
**PULL** the free end of the band as tightly as possible around the extremity



**05**  
**TWIST** the windlass rod to tighten the self-adhering band until the bleeding has stopped



**06**  
**APPLY** tourniquet to stop bleeding within 1 minute



**07**  
**LOCK** the windlass rod inside either clip to secure it



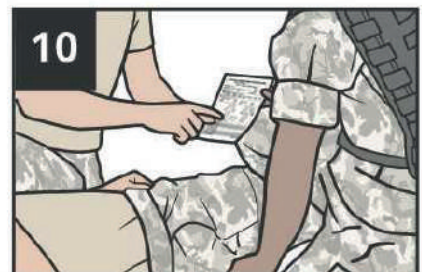
**08**  
**ROUTE** the self-adhering band between the clips and around the rod



**09**  
**SECURE** windlass rod and self-adhering band under the windlass safety strap



**10**  
**WRITE** the time of tourniquet application on the safety strap and on a DD1380 TCCC Card or forehead



**11**  
**COMMUNICATE** with medical personnel any aid provided



**COMPRESSED GAUZE APPLICATIONS TECHNIQUES**



**01**  
**IDENTIFY** the wound and **EXPOSE** the injury



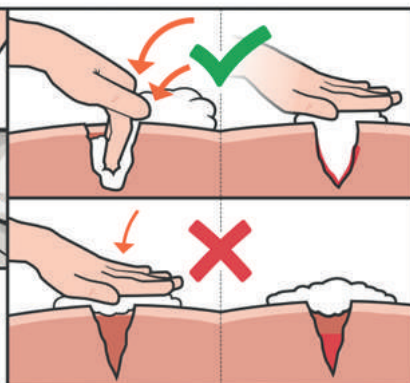
**02**  
Attempt to **LOCATE** the active bleed and apply direct pressure



**03a**  
**REMOVE** the dressing from sterile package



**03b**  
**PACK** the most active bleeding wound first



**04**  
**APPLY DIRECT, FIRM PRESSURE** for at least 3 min: or until the bleeding stops



**05**  
**REASSESS** to ensure bleeding has stopped

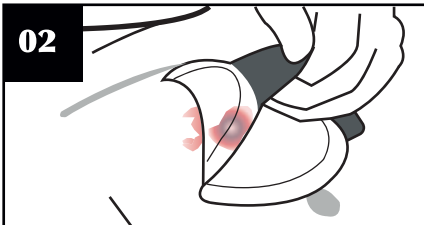


**06**  
**APPLY** a pressure bandage to secure the dressing over the wound

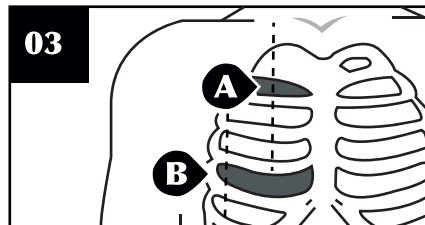


**EMERGENCY PNEUMOTHORAX DECOMPRESSION TECHNIQUES**

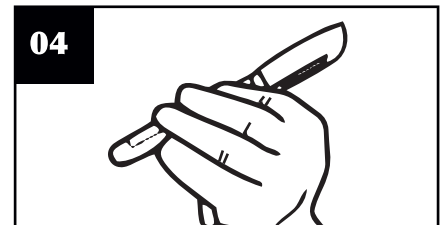
**01** **ASSESS** the casualty for signs of suspected tension pneumothorax.



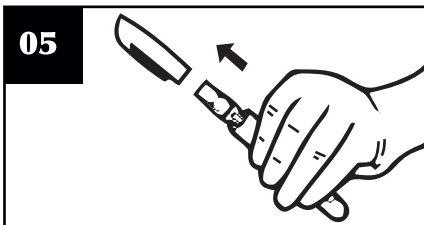
If a chest seal was previously applied, **BURP or REPLACE** the chest seal (if improperly applied).



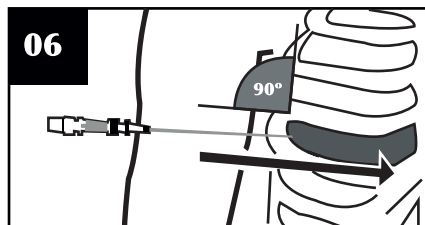
**03** **IDENTIFY** the site for needle insertion.



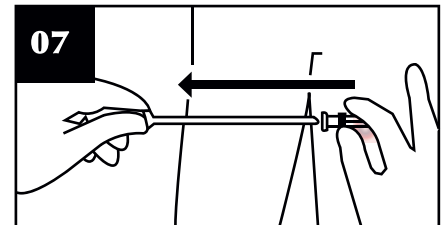
**04** **USE** appropriate needle catheter. **NOTE:** If available, use antiseptic solution or a pad to clean the site.



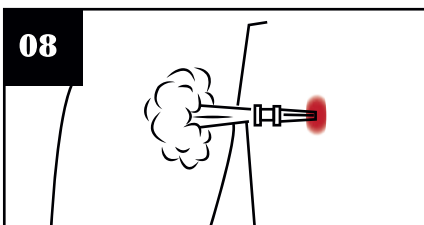
**05** **REMOVE** the Luer lock cap from the needle catheter (if applicable)



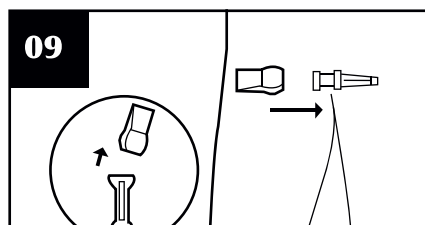
**06** **INSERT** needle just over top of lower rib at insertion site, at a 90-degree angle to the curvature of the chest.



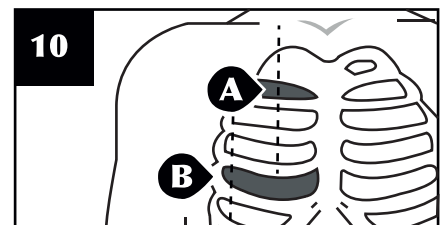
**07** **LEAVE** in place for 5-10 sec before removing the needle, leaving the catheter in place.



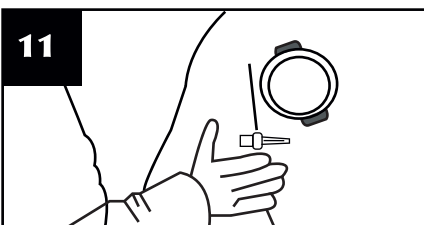
**08** **ASSESS** for successful needle decompression. **NOTE:** You should hear air escaping the chest. Respiratory distress Improves.



**09** Remove the one-way check valve from the needle and place it on the catheter.



**10** If the NDC is not helpful, **PERFORM** another NDC using a new needle on the second site, same side.



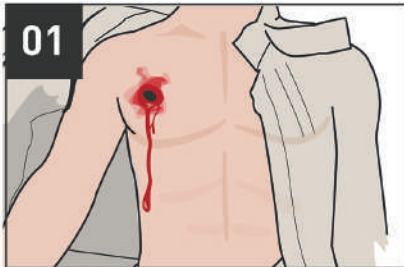
**11** If the NDC is not helpful, **PERFORM** another NDC using a new needle on the second site, same side.

**NOTES**

**Continue to REASSESS the casualty for reoccurrence of progressive respiratory distress**

1. If the initial NDC was successful, but symptoms later recur, then perform another NDC at the same site that was used previously. Use a new needle/catheter unit for the repeat NDC.
2. If the second NDC is also not successful, then continue onto the circulation section of the MARCH (Massive bleeding Airway, Respiration, Circulation, Hypothermia/Head) sequence.

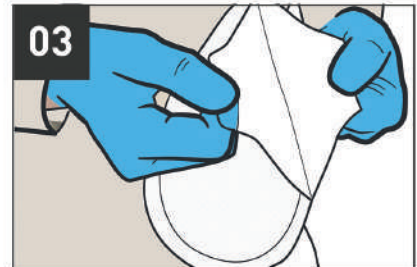
**CHEST SEAL APPLICATIONS TECHNIQUES**



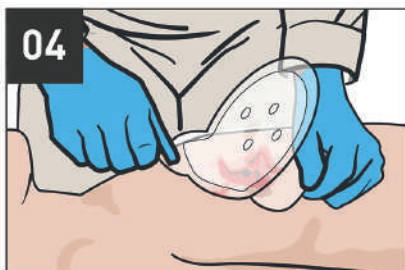
**01**  
**EXPOSE** and uncover any chest wounds



**02**  
**OPEN** the outer wrapper of the chest seal vented



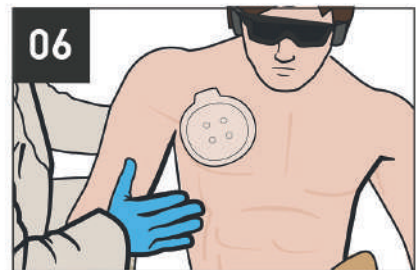
**03**  
**PEEL OFF** the protective liner, exposing the adhesive portion of the seal



**04**  
**PLACE** ressing on patient's wound, adhesive side down

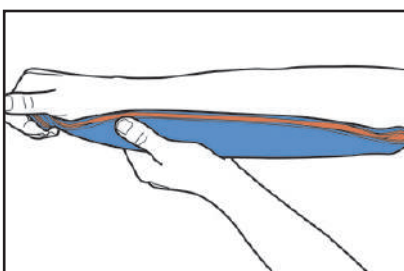


**05**  
**Press** dressing firmly to skin to assure an occlusive seal

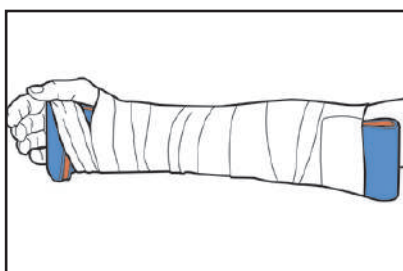


**06**  
**PLACE** conscious casualty into a sitting position or an unconscious casualty in the recovery position (with their injured side down)

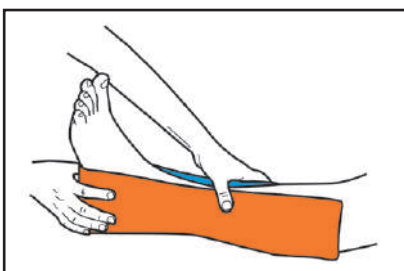
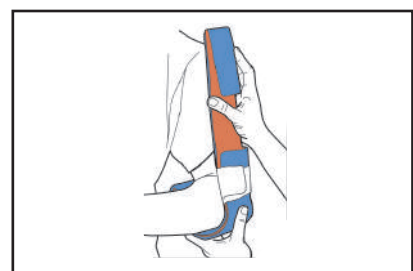
**SPLINT APPLICATIONS TECHNIQUES**



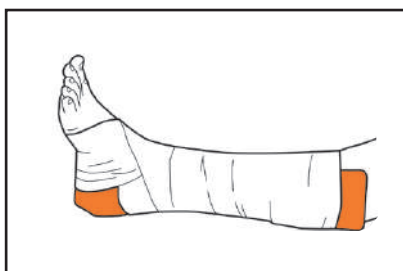
Double Layer Wrist Splint



Humeral Shaft Splint:



Ankle Stirrup





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