

### Tension Relief System (TRS)

## A new Concept for Temporary Wound Closure

#### In Military Use

The **TopClosure®** 1S-M - Military Kit (and the comparable Rescue & Emergency kits\*) is an important, innovative trauma management device that can be applied in combat applications for temporary primary wound closure while complying with basic trauma guidelines. This new device can be used in battalion First-Aid stations and field hospitals by surgeons, nonsurgeon physicians and military medics.

The **TopClosure**<sup>®</sup> 1S-M - should be applied as a new methodology for the military Combat Casualty Care (CCC) protocol and be included in Combat Casualty Response Kits.

The **TopClosure**<sup>®</sup> 1S-M - may be incorporated in first aid kits for military and civil mass casualty injuries applications.

The Military Kit enables closure of small and large wounds where primary wound closure must be deferred.



#### In Multi Casualty Disasters



The **TopClosure**® 1S-M - Military, Emergency & Rescue Kits are a novel concept in mass casualty treatment.

While in the past, complex wounds could not be primarily closed and were prone to further contamination and infection, with the **TopClosure**<sup>®</sup> 1S-M in hand, following basic cleansing of the wound, an adequate temporary, primary wound edges approximation can be provided. When the victim reaches the hospital, the **TopClosure**<sup>®</sup> 1S-M can be easily 'zipped' open for re-evaluation and definite treatment of the injury.

The **TopClosure**<sup>®</sup> 1S-M was designed to replace conventional surgical stitching kits stocked in the emergency storage facilities, thereby facilitating preparedness and response to emergencies and disasters.



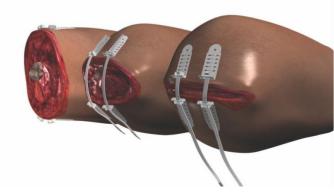
Reversible closure of complex wounds with significant loss of skin and soft tissue.



Simple, fast way to manage acute trauma wounds, where conventional primary wound treatment must be deferred.



Secure wound closure when wounds are closed under tension.



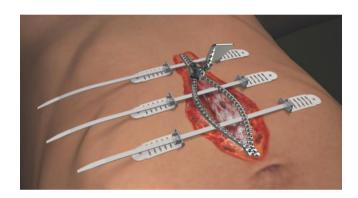


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## **Simple Solutions for Complex Problems**

The Advantages of the TopClosure® 1S-M - Military, Emergency & Rescue Kits In Military and Civilian Trauma Applications

- Easy, fast and simple application for temporary wound closure. Zip to open for instant wound re- exploration
- Reduces wound contamination and infection
- Improves patient mobilization and comfort
- Adjustable plates and flexible straps, designed to accommodate different body curvatures
- Short learning curve for physicians and paramedics
- Compact, lightweight and non-fragile



## Zip to Close, Zip to Open, Zip - it's Secured!

The **TopClosure**<sup>®</sup> 1S-M - Military Kit includes two flexible attachment plates with adhesive undersurface and one approximation strap, two patches of transparent adhesive tape, one hemostatic gauze and one liquid adhesive ampoule. The **TopClosure**<sup>®</sup> 1S-M - Military Kit is provided in a custom-made, waterproof, durable, gamma sterilized packaging.

\* The **TopClosure**® 1S-M - **Rescue** & **Emergency Kits** are comparable models, indicated for civilian use, for outdoor activities, civilian emergencies, both in land or at sea, for mass causality disasters and as a novel, unique supplement to first aid kits.

TopClosure® 1S-M - Emergency Kit is identical in content to the military kit

**TopClosure**® 1S-M - **Rescue Kit** is provided with similar content as in the emergency kit, without the hemostatic gauze

#### For further information contact us at:

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We strive for simple solutions for complex problems