**Consequences of Blood Loss**

- Excessive hemorrhage in vital areas can lead to hypotension and cause hemorrhagic shock
- Loss of blood may require resuscitation and additional emergency procedures
- Excessive hemorrhage causes delays in primary treatment, increased morbidity and mortality

**Bleeding Control Solution**

The iTClamp® is a trauma clamp device for the temporary control of severe bleeding in the extremities, axilla, inguinal areas, scalp and neck.

**HEMORRHAGE CONTROL**

New solutions to control difficult bleeding are needed in emergent care, including pre-hospital, hospital and tactical environments. Current protocols and treatments can be ineffective, especially with scalp and difficult to control bleeds.
Spectrum of Bleeding Wounds

A significant percentage of wounds fall between two extremes – too heavy for minor topical treatments, and not appropriate for tourniquet application. The iTClamp provides a fast, effective solution for these types of wounds.

How it Works

The iTClamp™ temporarily closes the wound, forming a hematoma that remains contained until the pressure equalizes with the bleeding source. Blood flow then stops, creating a stable clot until the wound can be surgically repaired.5

Proven Case Studies

Two iTClamps were successfully applied to a 17.8cm long, 2.5cm deep shoulder wound. Within minutes, the bleeding stopped and the patient was transported by air to the ED where he recovered and was released just 8 hours later. (United States, August 2013)

An elderly female patient suffered a knife stab wound to the head. A physician applied the iTClamp at the scene and was extremely satisfied with its performance, rating it 10 out of 10 and no reported issues with application or removal. (Denmark, May 2013) (Representative image not from actual case study)

A man suffered a crushed leg in an industrial accident, resulting in two lacerations – a large wound with an open tibial fracture and smaller laceration lateral to the knee joint. After initially applying two tourniquets at the scene, removal of both at the hospital revealed significant bleeding from the smaller laceration. The iTClamp was applied with combat gauze and immediately controlled the bleeding, allowing crews to focus on primary injuries. (United States, September 2013)

Pre-clinical Trials

Results from pre-clinical trials showed statistically significant improvement in using the iTClamp vs. control and standard gauze groups with respect to:

- Survival6
- Survival Time6
- Blood Loss6
- Treatment Time7

3 Visit www.youtube.com/watch?v=18U1Jh7idHU to view the self-administration video.
4 Based on multiple patients and healthy human volunteer feedback.