CONTROL

The iTClamp(R) is a mechanical direct pressure device, freeing healthcare providers to focus on primary treatments and providing other multiple benefits in these settings:

PRE-HOSPITAL

- Provides hands-free alternative during patient treatment and transport
- Minimizes vehicle clean-up
- Requires minimal staff training[3]
- Causes minimal patient pain[4]

HOSPITAL

- Takes the emergency out of bleeding
- Can remain in place for complete patient workup, including CT scans
- Causes minimal patient pain[4]
- Can be applied by techs and nurses

SPECIAL OPERATIONS

TACTICAL TEAMS:

- Individual first aid kit (IFAK)

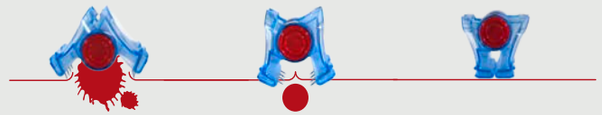
CARE UNDER FIRE:

- Self aid/buddy aid

MASS CASUALTY/ACTIVE SHOOTER EVENTS

- Controls hemorrhage during hasty triage

FOR IMMEDIATE
HEMORRHAGE CONTROL



Clamp iT

Clamp and seal the wound with minimal pain

Contain iT

Contained hematoma places direct pressure on the injured vessels

Control iT

Control your patient's emergency in seconds

iTClamp(R) SPECIFICATIONS

PART NUMBER	**9100**
SIZE	2.79 in x 2.84 in x 1.61 in 7.09 cm x 7.21 cm x 4.09 cm
WEIGHT	1.3 oz 37.1g
MATERIAL	Medical Grade Polycarbonate, 304 Stainless Steel
OTHER	Sterile, Latex Free

To order the iTClamp(R), email us at info@itraumacare.com, or visit iTraumaCare.com.

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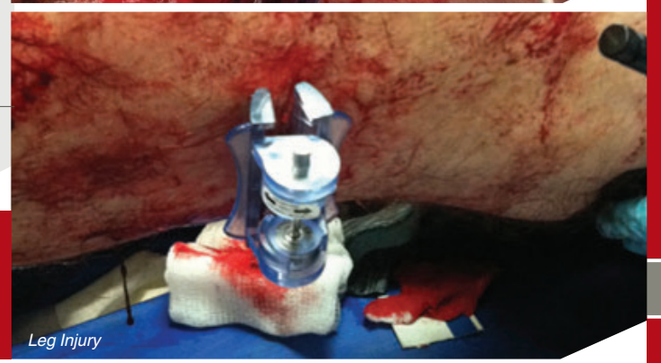
San Antonio, Texas USA 78258
OFFICE +1-855-774-4526
ITRAUMACARE.COM

M-159-EN Rev A

iTClamp®
by INNOVATIVE TRAUMA CARE®

iTClamp®: Your Hemorrhage Control Solution

Shoulder Injury



Leg Injury

iTClamp®
by INNOVATIVE TRAUMA CARE®

Clamp iT. Contain iT. Control iT.™

HEMORRHAGE

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.

Consequences of Blood Loss

- Excessive hemorrhage in vital areas can lead to hypotension and cause hemorrhagic shock[1]
- Loss of blood may require resuscitation[2] and additional emergency procedures
- Excessive hemorrhage causes delays in primary treatment, increased morbidity and mortality[1]

Bleeding Control Solution

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

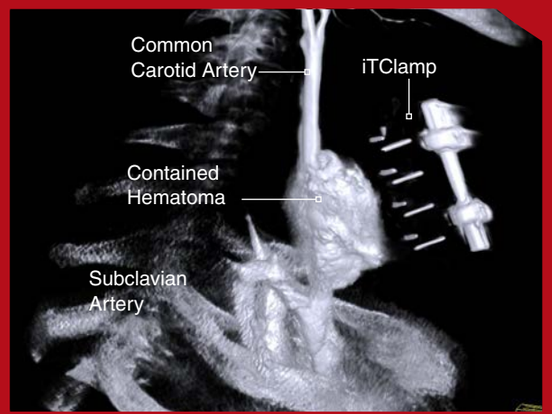
APPLIES EASILY &

CONTROLS BLEEDING

WITHIN SECONDS.

How it Works

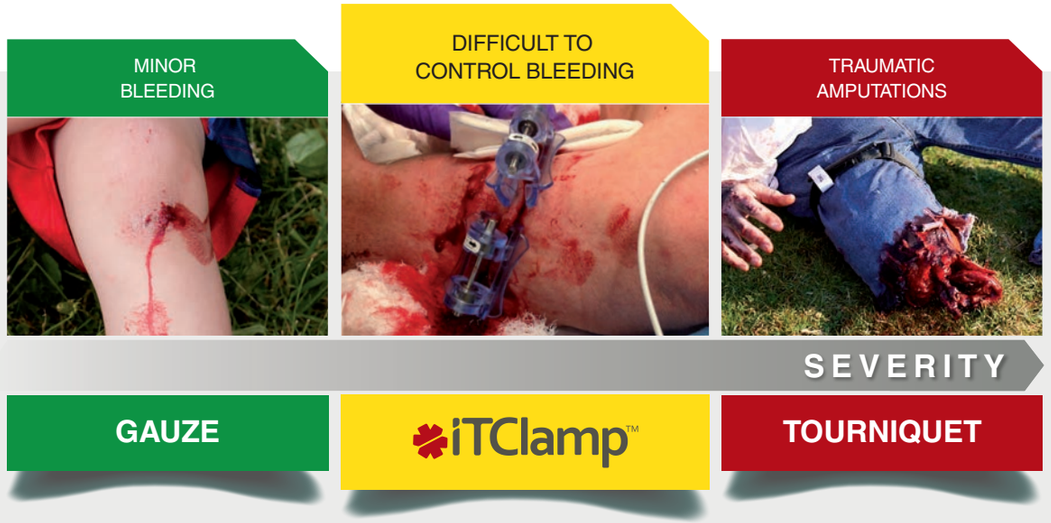
The iTClamp(R) temporarily closes the wound, forming a hematoma that remains contained until the pressure equalizes with the bleeding source. Blood flow then stops, creating a stable clot until the wound can be surgically repaired.[5]



Angiography of cadaveric model with penetrating injury to the carotid artery, pressure injected contrast.

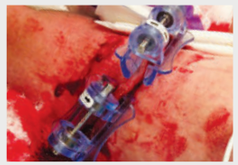
Spectrum of Bleeding Wounds

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.



Proven Case Studies

UPPER ARM



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*)

SCALP

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*

LEG

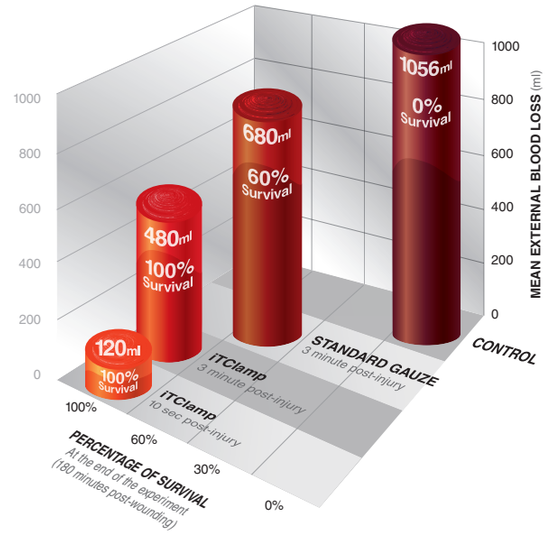
A man suffered a crushed leg in an industrial accident, resulting in two lacerations – a large wound with an open tibial fracture and smaller laceration lateral to the knee joint. After initially applying two tourniquets at the scene, removal of both at the hospital revealed significant bleeding from 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:

- Survival[6]
- Survival Time[6]
- Blood Loss[6]
- Treatment Time[7]



1 Kauvar, D.S., Lefering, R., Wade, C.E. Impact of hemorrhage on trauma outcome: an overview of epidemiology, clinical presentations, and therapeutic considerations. *The Journal of Trauma*. 2006 Jun;60 (6 Suppl):S3-11. PubMed PMID: 16763478. Epub 2006/06/10. eng.

2 Hamilton, J.R., Sunter, J.P., Cooper, P.N. Fatal hemorrhage from simple lacerations of the scalp. *Forens Sci Med Pathol*. 2005 2005/12/01; 1(4):267-71. English.

3 Visit www.youtube.com/watch?v=18U1Jh7idHU to view the self-administration video.

4 Based on multiple patients and healthy human volunteer feedback.

5 Mottet, K., Filips, D., Logsetty, S., & Atkinson, I. (2014). Evaluation of the iTClamp50 in a Human Cadaver Model of Severe Compressible Bleeding. *J Trauma Acute Care Surg*. 76(3), 791-797.

6 Filips, D., Logsetty, S., Tan, J., et al. The iTClamp controls junctional bleeding in a lethal swine exsanguination model. *Prehospital Emergency Care*. 2013;17:526–532.

7 John, A., Wang X., Lim, E., et al. Effects of rapid wound sealing on survival and blood loss in a swine model of lethal junctional arterial hemorrhage. *J Trauma Acute Care Surg*. 79(2), 257-262.