

*“I have been using HemaClear for 2 years at the Brigham and have found it offers a significant clinical advantage over the pneumatic tourniquet, mainly because it’s so thin that it gives much more working room above the elbow in a bloodless field. It is safe and reliable.”*

Dr. George Dyer, Brigham & Woman’s Hospital

## Q&A

### How does HemaClear work?

HemaClear is a sterile, single use only surgical tourniquet that gives the surgeon a much larger surgical field with greater visibility, enhancing surgical performance and outcomes. Simply place HemaClear over the patient’s fingers or toes, hold the handles and pull proximally. The silicone ring inside HemaClear rolls up the limb while the stockinette sleeve covers it. The pressure from the ring exsanguinates the limb as it is applied and blocks blood flow at the occlusion site.

### How long can HemaClear remain on the limb?

HemaClear can remain on the limb for up to 120 minutes. HemaClear follows the same AORN guidelines as pneumatic tourniquets.

### What do I do if the procedure is over 2 hours?

For procedures that last longer than 2 hours, remove the HemaClear surgical tourniquet and after the reperfusion period, apply a new sterile unit.

### How much pressure does HemaClear exert?

The pressure exerted by the HemaClear sterile surgical tourniquet is comparable to pneumatic tourniquets at approximately 235 + 23 mm Hg for upper limits and 326 + 21 mm Hg for upper limits. The exact pressure depends on the model used, limb circumference at the occlusion site, and the distance from the fingers or toes. Pressure tables are available in the instructions for use.

### Who is HemaClear?

HemaClear is a medical device development, manufacturing, and sales company based in Israel. Our R&D and manufacturing facilities are in the city of Haifa.

Ordering:

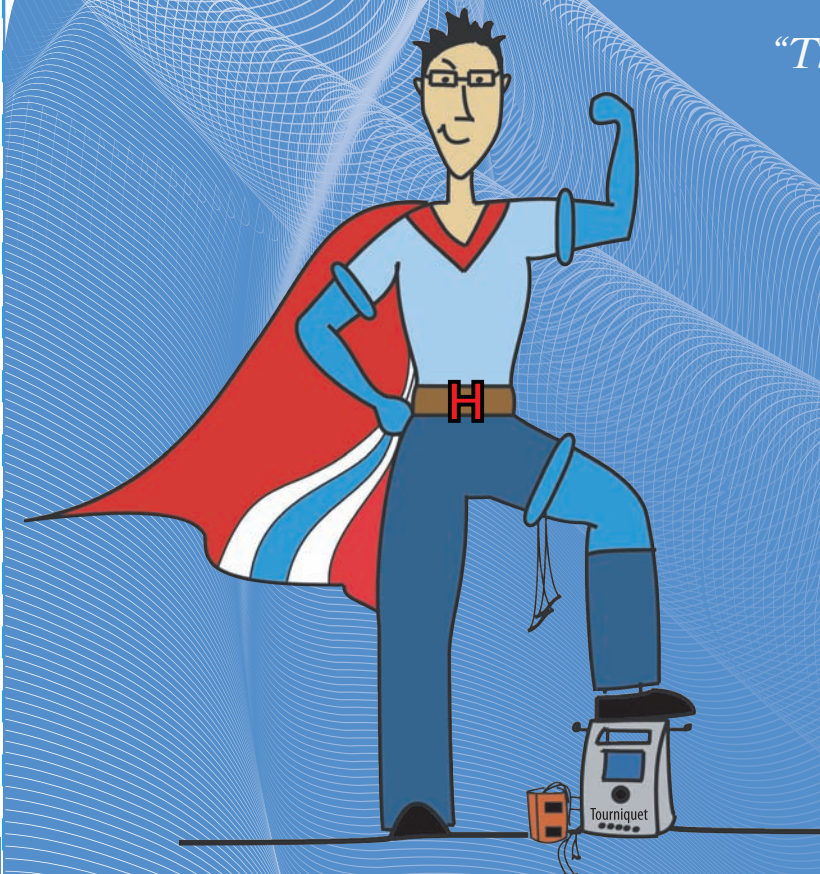
Place Sticker



**The No Buttons,  
No Tubing,  
No Electricity, No Smell,  
No Beeps or Leaks  
Surgical Tourniquet.**

*“The HemaClear technique is unparalleled.”*

Dr. David Helfet, Chief of Orthopedic Trauma  
Hospital for Special Surgery, New York



## The ALL-IN-ONE Sterile Surgical Tourniquet

*“Superior exsanguination and easier to use ratings over esmarch and pneumatic cuffs.”*

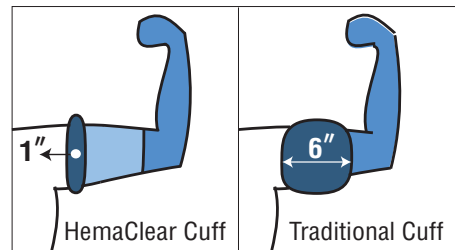
Dr. Jesse Jupiter, Director  
MGH Orthopedic Hand Service, Boston

**Exsanguinates:** The rolling action of the occlusive silicone ring pushes standing blood out of the surgical field.

**Occludes:** HemaClear stops blood flow to the limb for up to 2 hours.

**Creates a sterile field:** HemaClear is a sterile, single-use tourniquet. When you apply HemaClear, you also apply a sterile stockinette at the same time.

**Increases the surgical field:** At 1" wide, works without compromising or blocking access to the surgical field.



### Simple and Cost Effective

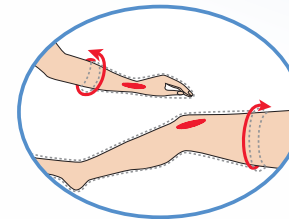
HemaClear eliminates the need for Tourniquet machine, Tourniquet cuff, Esmarch bandage, Webril or Stockinette.

### HemaClear Outperforms Pneumatic Cuffs

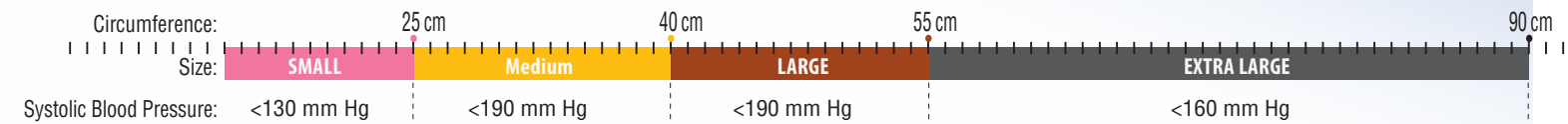
	HemaClear	Pneumatic Cuffs
<b>SET-UP TIME</b>	< 1 minute	15 minutes
<b>EASE OF USE</b>	Just grab and pull	Multiple OR personnel, complicated equipment
<b>SAFETY</b>	Sterility reduces infection rates; Low incidence of complications	Non-sterile, risk of infection, higher risk of complications
<b>FOOTPRINT</b>	Requires no OR large capital equipment	Multiple device
<b>COST</b>	A single disposable expense, no maintenance fees	Disposable equipment plus extra OR time

## HemaClear in 3 Easy Steps

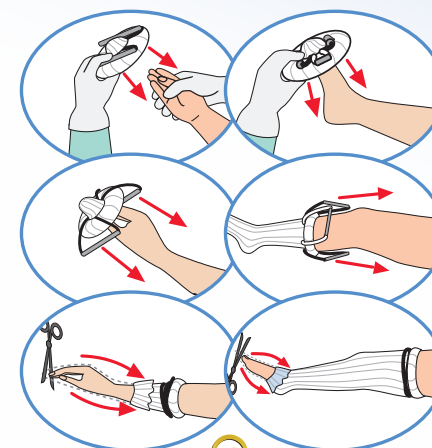
### 1 Measure



**Find the right size**  
Match the size with the circumference



### 2 Apply



**Roll** HemaClear over fingers or toes

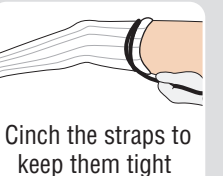
**Pull** handles, stopping where you would normally position the bottom of the tourniquet

**Cut the Trim:** expose surgical field and then cut the straps

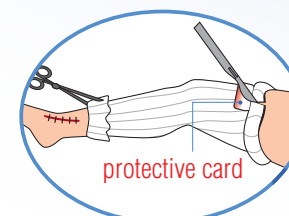


**Tourniquet Up: Record tourniquet start time**

#### Tips for leg placement



### 3 Remove



**Cut off when done:** for safety, always place the **protective card** between the stockinette and tourniquet



**Tourniquet Down: Record total tourniquet time**