



Quick Instructions for HemaClear®, Before Starting your Surgical Procedure

Model Selection

Use the color-coded sterile tape measure to select the correct model & size HemaClear (HC) for your procedure. Measure the circumference of the limb at the site where the HemaClear will be placed – see placement chart below. When circumference falls in the overlap range of the colors on the tape measure; select the larger model if the value is above the color range's midpoint; smaller model if value is below the midpoint.

Model	Catalog #	Units /Case	Circumference of Limb cm	Max. BP mm Hg	Common Uses/ Placement
SMALL Pink	PRH-028-PI-01A	10	14-28	130	Pediatric Ortho
MEDIUM Yellow	PRH-040-YE-01A	10	24-40	190	Adult Upper Arm
MEDIUM Red	PRH-040-RE-01A	10	24-40	160	Adult Upper Arm
MEDIUM Green	PRH-040-GR-01A	10	24-40	130	Pediatric Ortho
LARGE Brown	PRH-060-BR-01A	10	30-55	190	Adult upper thigh
LARGE Orange	PRH-060-OR-01A	10	30-55	160	Adult Ankle, Arm
LARGE Blue	PRH-060-BL-01A	10	30-55	130	Pediatric thigh
XLARGE B & W	PRH-090-BW-01A	10	50-85	160	TKA upper thigh
Model A – Ankle	PRH-032-MA-01A	12	22-32	160	Foot Surgery
Model F – Forearm	PRH-035-FA-01A	25	14-35	160	Hand Surgery

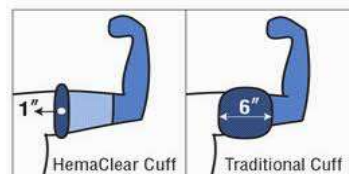
Max BP – Maximal Blood Pressure (Systolic); B & W – Black and White; Ankle – for Ankle placement; Forearm – for Forearm placement. HemaClear is supplied in cases.

Size selection is by color-coded measuring tape supplied with each HemaClear® Unit.



Applying and Assisting

Upper Extremity: Have an assistant stabilize the wrist and hand; place HC on tips of fingers and start pulling the straps parallel to the limb (not perpendicular), towards the axilla. When HC is at palm level, have assistant switch to grab and tightly hold the fingers while applying axial traction. Continue rolling the HC, pulling the straps to the desired location (either 10 cm above wrist, or to the groove between the deltoid and biceps). Always pull straps along the axis of the limb, not sideward. Wrap straps around fist as the HC rolls up the limb. Cut straps about 5 cm from the HC ring after the HC is in position.



Lower Extremity: Have an assistant stabilize the ankle and foot; place HC on tips of the toes so that one strap is facing the bottom of the foot. Start rolling by pulling the straps along the axis of the foot (i.e. towards the heel). When HC is at mid foot level, have assistant switch to grab and tightly hold the toes while applying axial traction. Use the bottom-facing strap to pull HC over the heel. Continue rolling the HC by pulling this straps, parallel to the limb, to the desired location (either 10 cm above the ankle joint or to the groin). When using the extra-large HC, two operators pull two straps each, in tandem. Bring HC up the leg slowly over 20-30 seconds to avoid sharp rise in blood pressure. Always pull straps along the axis of the limb, not sideward. Wrap straps around your fists as the HC rolls up the limb. Cut the straps about 5cm from the ring after the HC is in position.

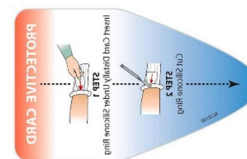


Cutting the stockinette fabric without lint: Wet the stockinet with a wet sponge or the pulse lavage before cutting the fabric with scissors.

Avoiding Tourniquet Failure: Observe x-ray to look for signs of arterial calcifications; select the correct size model; Anaesthesiologist should monitor blood pressure frequently (i.e. Q 3 minutes); Roll HC up the leg slowly; position HC only at recommended locations.

Reporting the Pressure: Measure the limb circumference at the site of HC final position. Measure distance from the fingers/toes to the HC ring. Use look-up table in user guide to determine skin pressure. Alternatively, use the value printed on the label of each HC unit envelope.

Removing HemaClear: Pull the remnant of one of the straps to make room for the tip of the protective card. Insert the protective card beneath the HC ring from distal to proximal and palpate the tip to verify it is sufficiently inserted. Cut the ring with a scalpel. Cut the remaining stockinet with a buttoned scissors. Discard HC. HemaClear is a single-use product.



Video Training: The following QR Code can be scanned with your mobile phone camera and will link you to the HemaClear website video section. You will find video testimonials, how to videos, and a 3-minute training video for each model of HemaClear.



This QR Code links to a short training video for MODEL F on YouTube. If you search YouTube with “HemaClear” you will find training videos for all sizes of HemaClear, and several surgeon testimonials.

For more information:

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