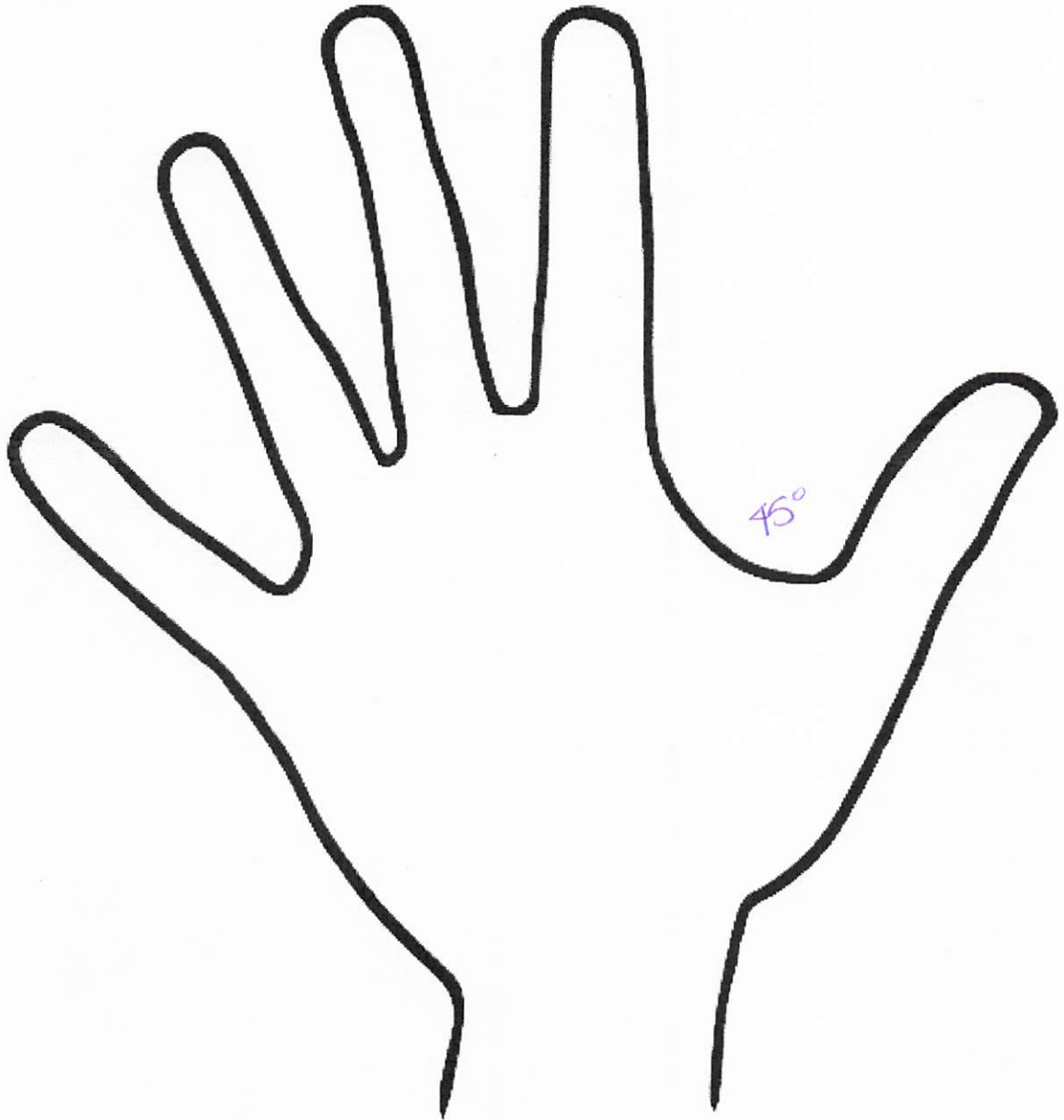


Grant MacEwan University

Occupational Therapy Assistant

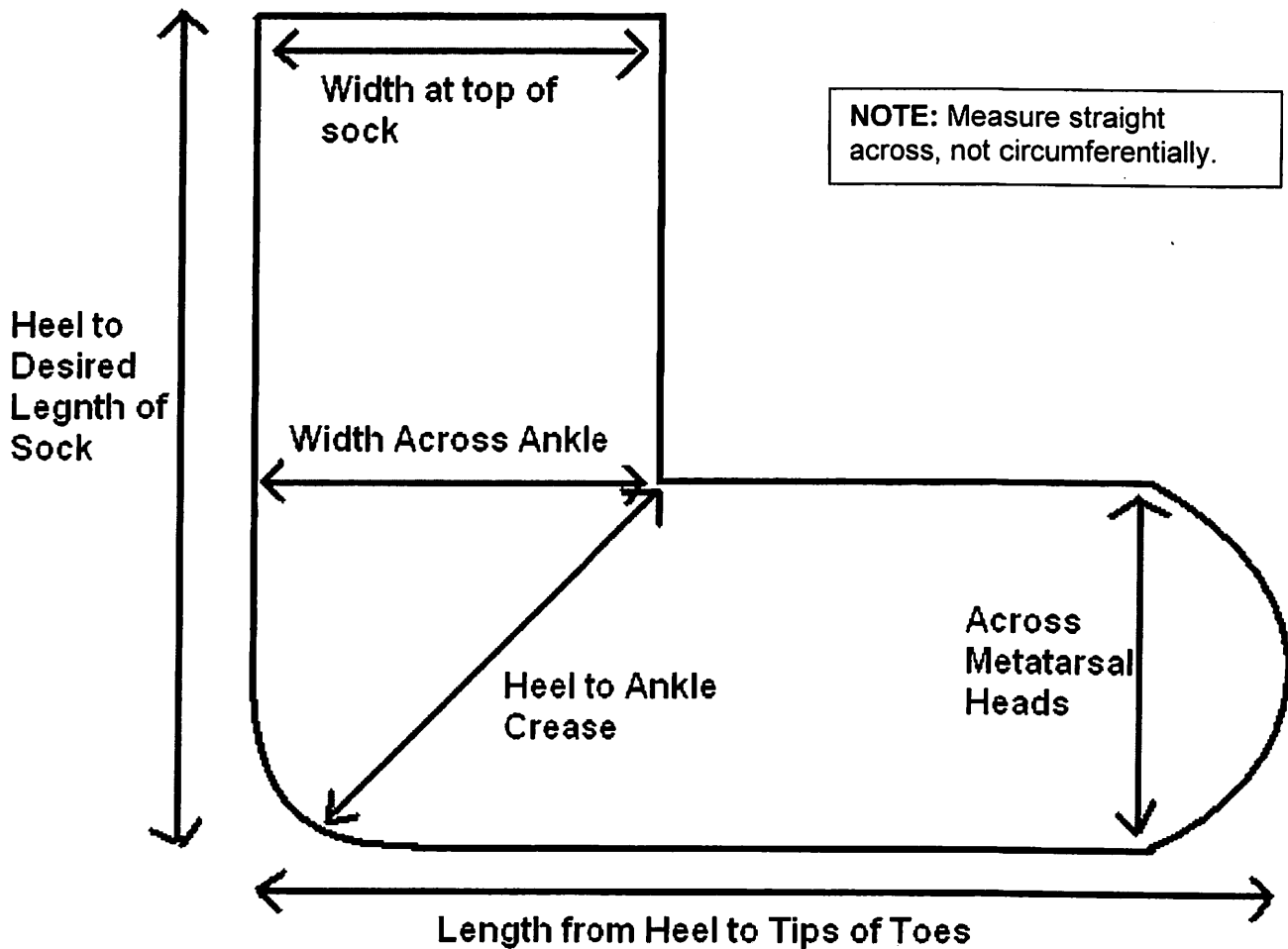
Burn Lab Manual

Tubigrip Glove



- 1) Take a tracing of the patient's hand to get a pattern. *Use a pen refill*
- 2) Trace pattern with a marker.
- 3) Cut correct length and width tubigrip, open it up and staple on tracing.
- 4) Single stitch along outline.
- 5) Tear of paper.
- 6) Ziz-zag stitch over single stitch
- 7) Cut out Glove

Tubigrip Sock

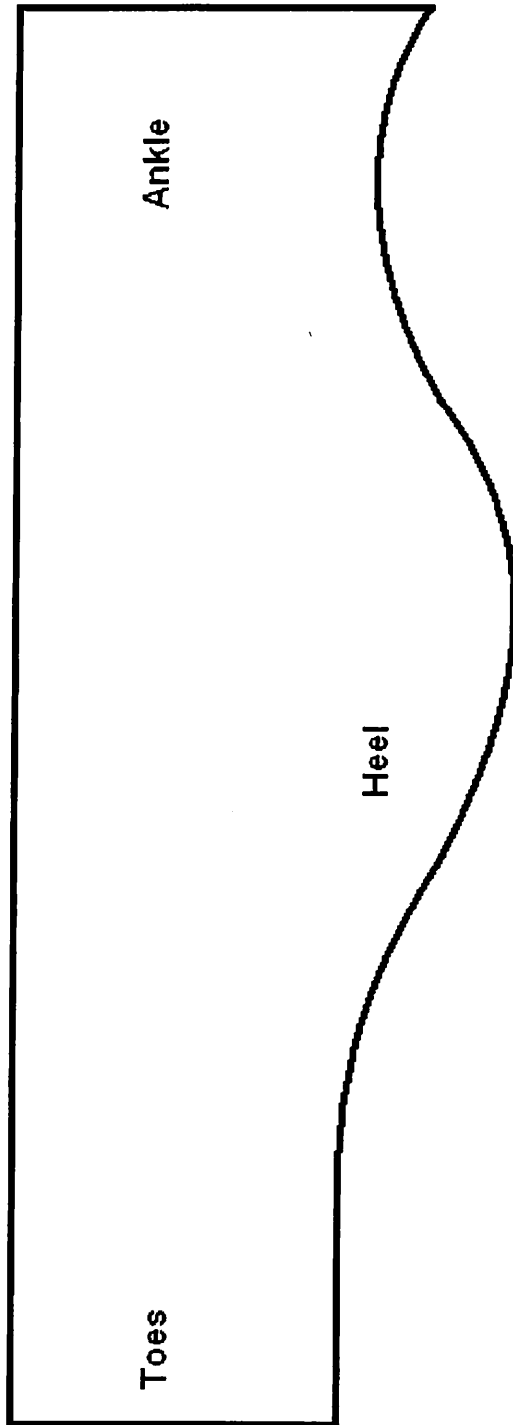


Picking the correct size tubigrip based on measurements:

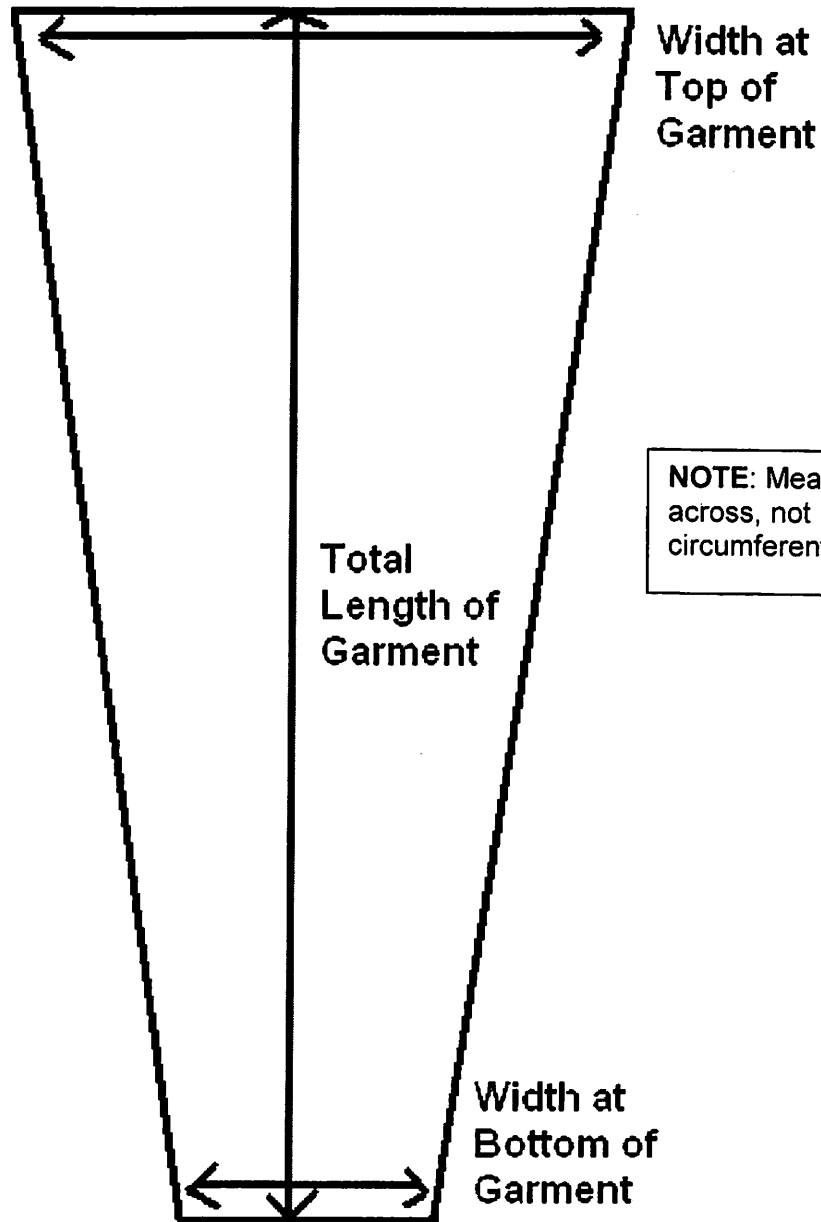
- 1) Select the size of tubigrip that is closest to the largest measurement.
- 2) Place the middle of the heel pattern at the end of the heel to tips of toes measurement. Then trace pattern according to measurements.

Heel Pattern

Use this template to create your own thermoplastic heel template for tibigrip sock fabrication.



Tubigrip Sleeve (Arms & Legs)



NOTE: Measure straight across, not circumferentially.

Picking the correct size of tubigrip based on measurements:

- 1) Select the size of tubigrip that is closest to the biggest measurement.
Don't worry about it being a perfect fit.
- 2) Sew the tubigrip so it tapers down to the smallest measurement.

NOTE: Don't worry about being perfect.

Hemi Sling

Materials:

1.5 inch wide Canvas Strapping

1.5 inch wide pile/loop Velcro

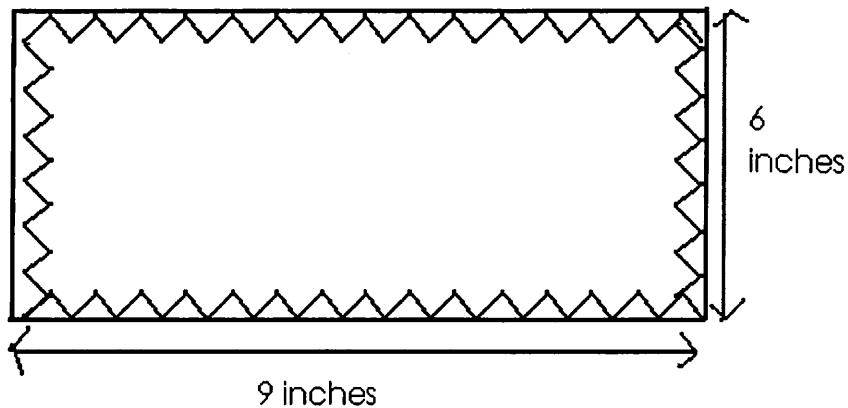
1.5 inch wide hook Velcro

Velfoam

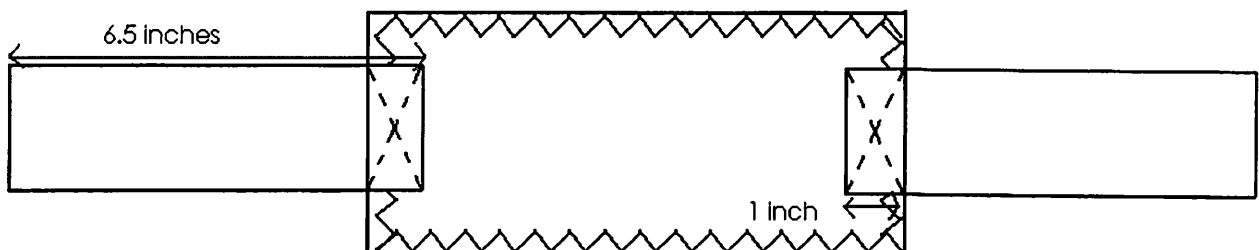
D-ring

Velfoam Cradles

1) Create **two 9 inch x 6 inch** Velfoam pads and serge around the edges.

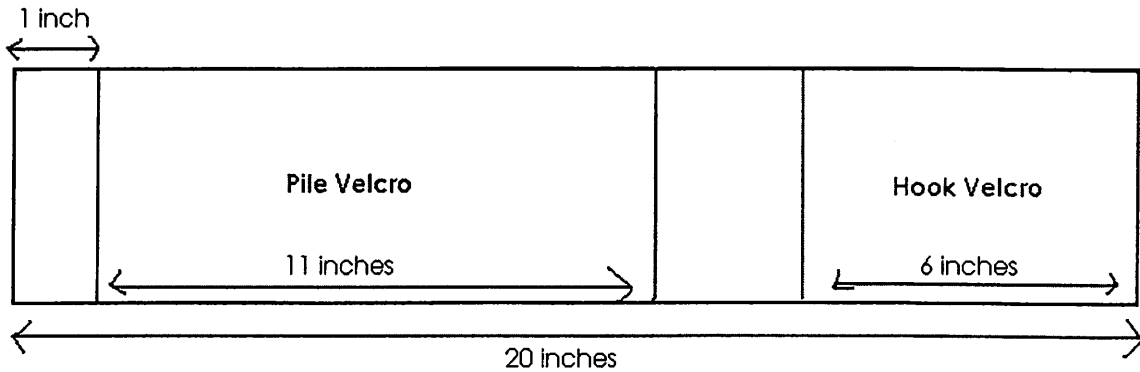


2) Sew a **6.5 inch** length canvas strap to the short edges of the Velfoam pad.



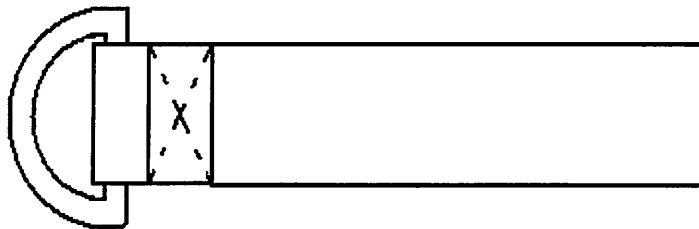
Velcro Strap

3) Cut a **20 inch** long canvas strap and sew an **11 inch** long piece of pile Velcro **1 inch** from the left edge. Then sew a **6 inch** length of hook Velcro from the right edge.



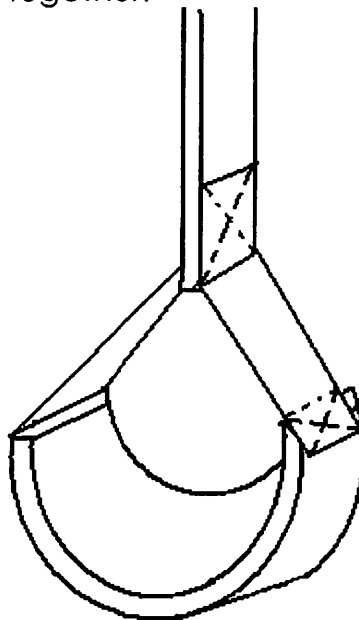
D-Ring Strap

4) Take a **23 inch** length of canvas strap and sew a D-ring to one end by folding canvas over the D-ring and sewing the canvas back onto itself.



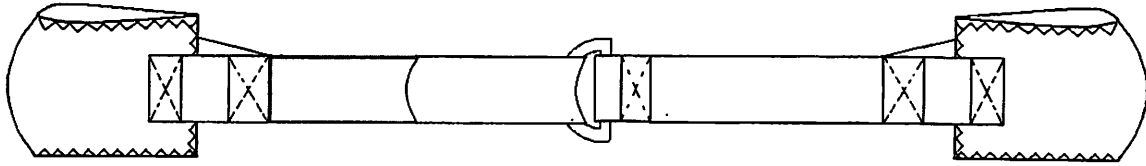
Assembly

5) Sew one **Velfoam Cradle** with canvas strap to the **Velcro Strap** by using the 1inch tab at the end of the Velcro strap to attach both canvas straps from the **Velfoam Cradle** together.



6) Repeat the same method to attach the remaining **Velfoam Cradle** to the **D-Ring Strap**.

7) Thread the Canvas Strap through the D-ring and secure Velcro. You now have a completed Hemi-Sling.



NOTE: Measurements may change depending on patient size.

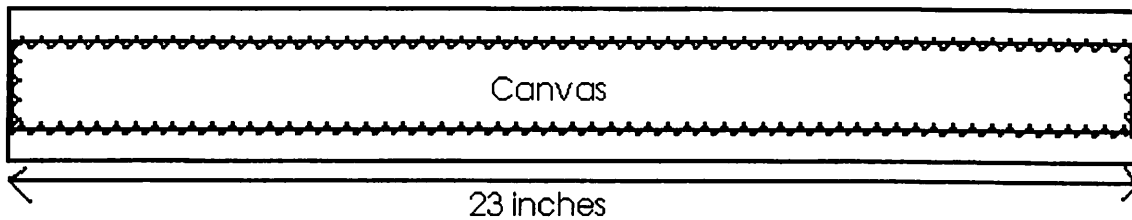
Toe Assist

Materials

- 1.5 inch wide Canvas Strapping
- 1.5 inch wide Pile/Loop Velcro
- 1.5 inch wide Hook Velcro
- 2.0 inch wide Velfoam Strap
- 1.5 inch elastic strap
- D-ring

Calf Cuff

1) Cut a **23 inch** long **Velfoam** strap and sew a **23 inch** long **canvas strap** along length of Velfoam.



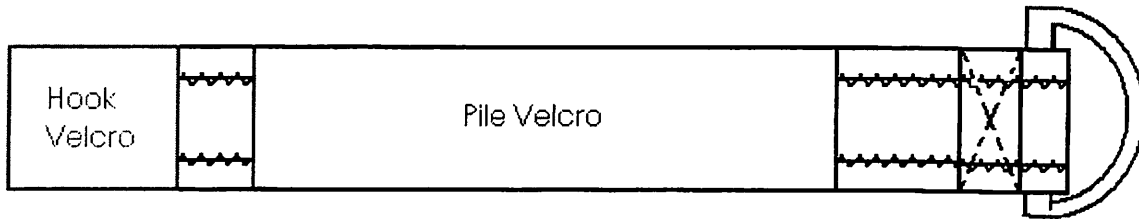
2) Sew a **10.5 inch** piece of **Pile Velcro** to the center of the strap. This should leave **6 inches** on either side of the strap.



3) Sew a **4 inch** piece of **Hook Velcro** to the **left** side of the strap. Allow for a gap between Loop and Hook Velcro.

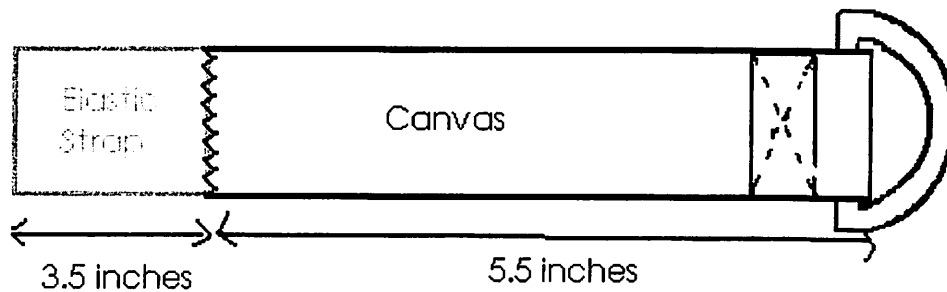


4) Sew a **D-ring** to the **right** side of the strap by looping the velfoam and canvas strap back on itself.



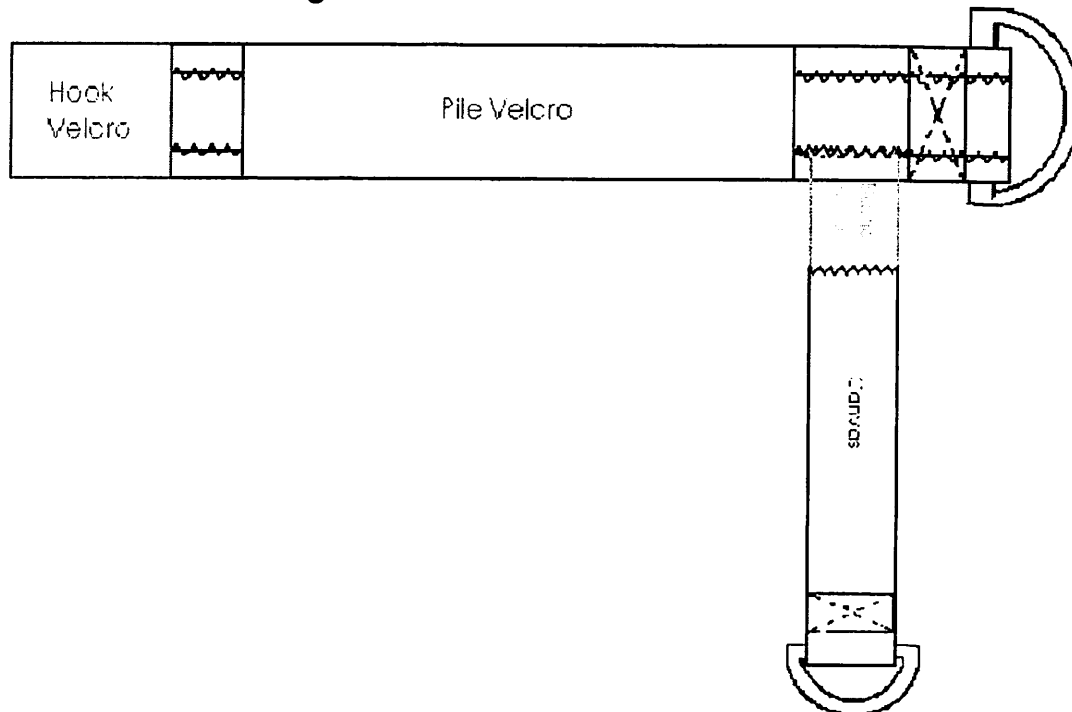
Upper Shin Strap

5) Take a **3.5 inch** length of **elastic strap** and sew same to a **5.5 inch** length of **canvas strap**. Attach a **D-ring** to the end of the canvas strap using same method in previous step.



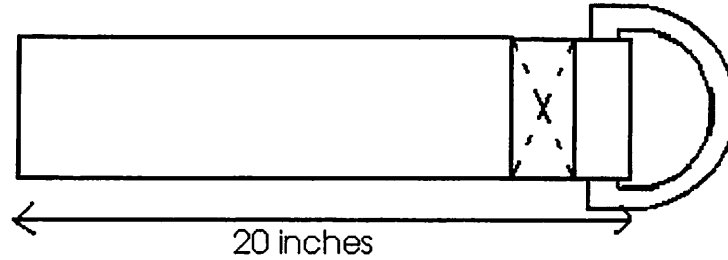
Calf Loop and Upper shin Strap Assembly

6) Sew the **shin strap** to the **upper leg strap**. Place the elastic strap **0.5 inches** from the **D-ring seam**.



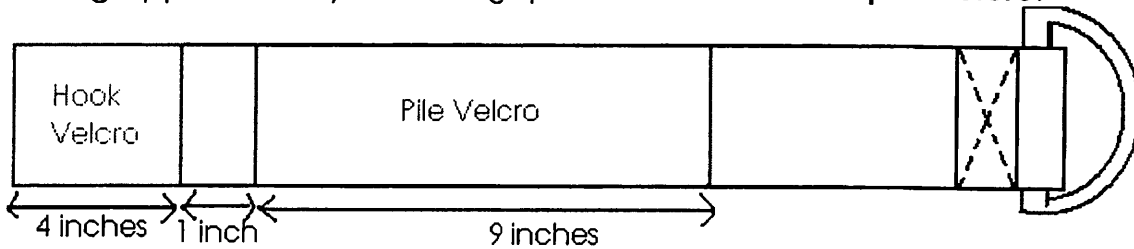
Toe Loop

7) Take a **20 inch** length of **canvas strap** and secure a **D-ring** to the **right** end.



8) Sew a **4 inch** long piece of **hook Velcro** to the **left** end of the **canvas strap**.

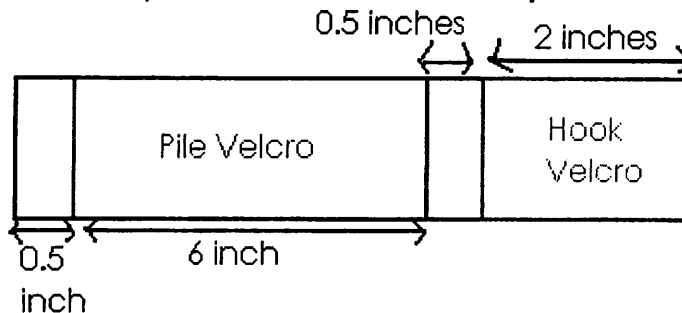
9) Sew a **9 inch** length of **pile Velcro** to the center of the **canvas strap**, leaving approximately a **1 inch** gap between **hook** and **pile Velcro**.



Lower Shin strap

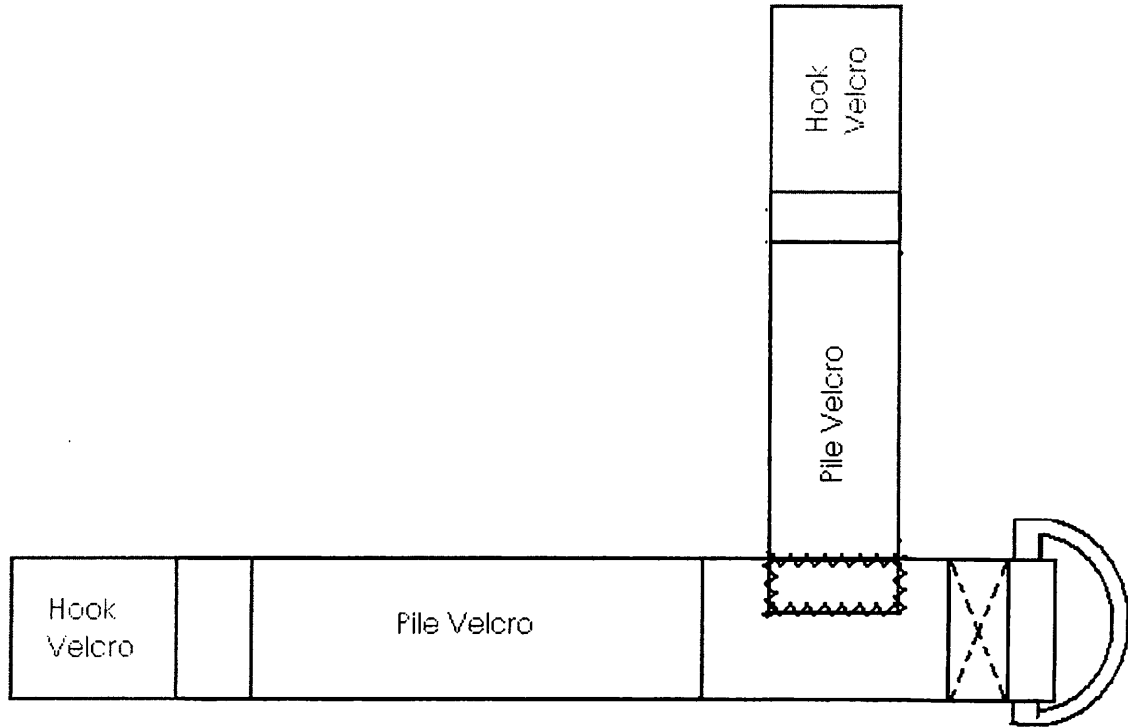
10) Take a **9 inch** length of **canvas strap** and sew **6 inches** of **loop Velcro** to the strap approximately **0.5 inches** from the left edge.

11) Sew a **2 inch** length of **hook Velcro** to the right edge of the **canvas**, leaving approximately **0.5 inches** between **loop** and **hook Velcro**.



Toe Loop and Lower Shin Strap Assembly

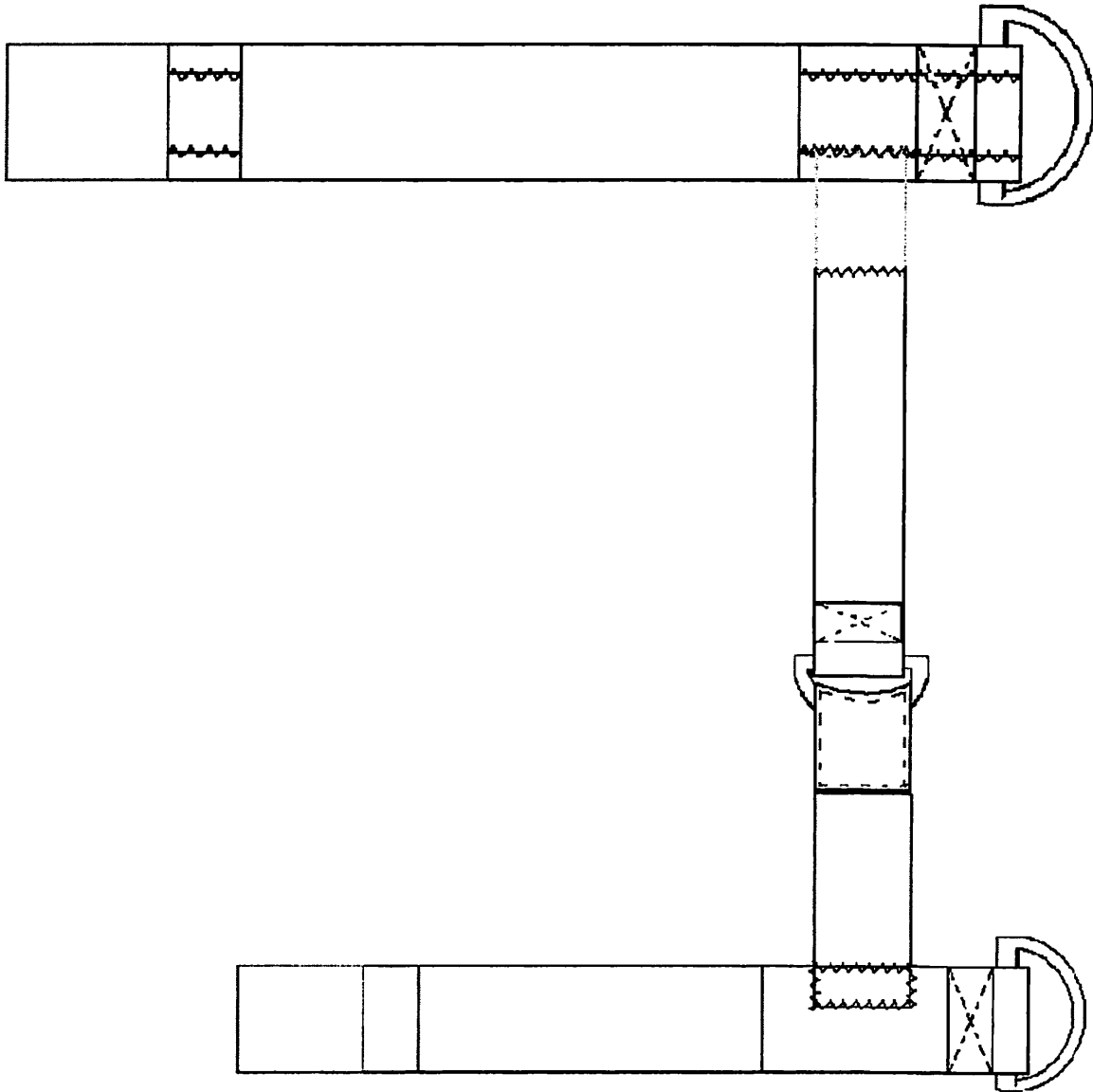
12) Attach the **lower shin strap** to the **toe loop** by sewing the **0.5 inch tag** on the **lower shin strap** just between the loop **Velcro** and **D-ring**.



Overall Assembly

13) Loop the **lower shin strap** through the **upper shin strap D-ring** and secure Velcro.

14) Loop the **toe loop** and **calf cuff straps** through their respective **D-rings**.



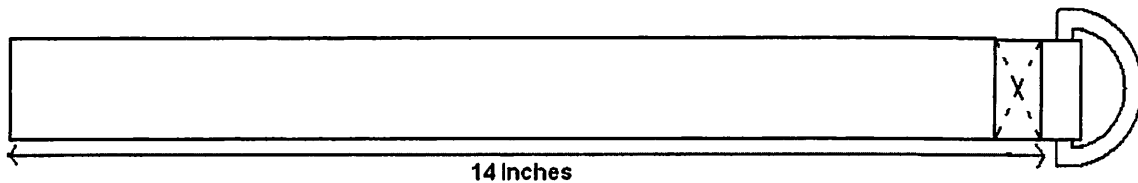
NOTE: Measurements may change based on patient's size and dressings.

Universal Cuff

Materials:

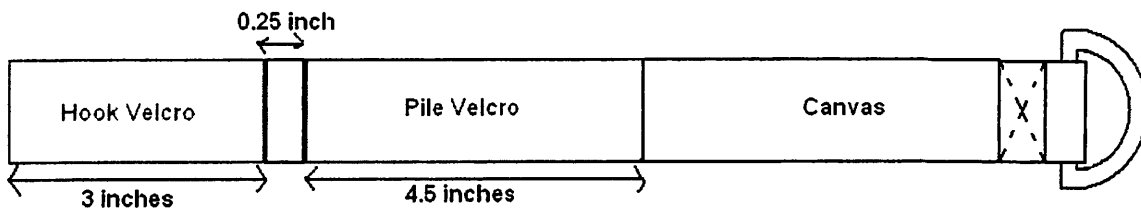
- 1.0 inch wide Canvas Strapping
- 1.0 inch wide pile/loop Velcro
- 1.0 inch wide hook Velcro
- 1.0 inch D-ring

1) Cut a 14 inch length of **canvas strapping** and sew a **D-Ring** to the **right** end.

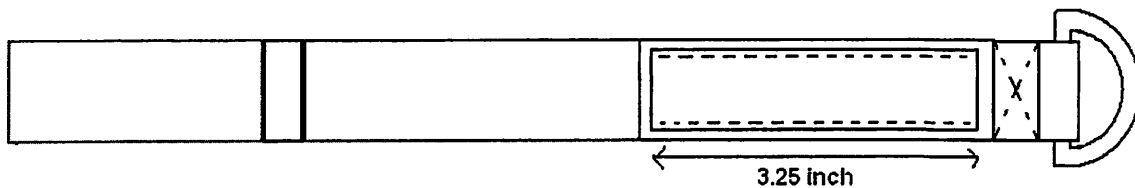


2) Sew a 4 inch length of **hook Velcro** to the **left** end of the **canvas strap**.

3) Sew a 4.5 inch length of **pile Velcro** 0.25 inch from **right** edge of **hook Velcro**.



4) Sew a 3.5 inch length of **canvas** to the remaining open canvas area. Only sew along the **sides** in order to create a tunnel pocket. Use a **straight stitch** only for this.



Assembly

5) Loop the **hook Velcro** through the **D-ring** and secure **hook Velcro** to **pile Velcro**.

NOTE: Measurements may change based on patient's size and dressings.