

Lane Community College PTA Program
 205L Complex Medical Dysfunctions Lab
 Intermittent Compression Lab

Intermittent Compression Pump



Partner's Pre-Rx BP:

Post-Rx BP:

ICP Pressure:

Time On/Time Off:

Circumferential Measurements:

Pre Rx:					
Post Rx:					

PROCEDURE 11-5 from Pierson and Fairchild

- Explain the procedure to the patient and obtain consent, measure the patient's blood pressure, and examine the extremity.
- Position and drape the patient; expose the extremity; apply tubular stockinet and the sleeve to the extremity.
- The extremity should be level with or elevated above the heart.
- Adjust the controls of the unit as necessary (i.e., pressure, inflation-to-deflation ratio) and turn on the unit.
- Periodically monitor the patient during the treatment session; provide a call device or bell with the patient during treatment.
- To conclude the treatment, turn off the unit when the sleeve is deflated. *Note:* If the sleeve is inflated, detach the inflation hose(s) from the sleeve and deflate it. Remove the sleeve and discard stockinet.
- Examine the extremity, measure the circumference (girth), and document your activities and findings.

Questions:

1. What are the recommended pressure ranges for UE and LE?
2. Why should the pressure not be set above the patient's diastolic BP?
3. What is the purpose of the off time?
4. How did this procedure feel for the patient while in progress?

Lane Community College PTA Program
Compression and Taping Lab

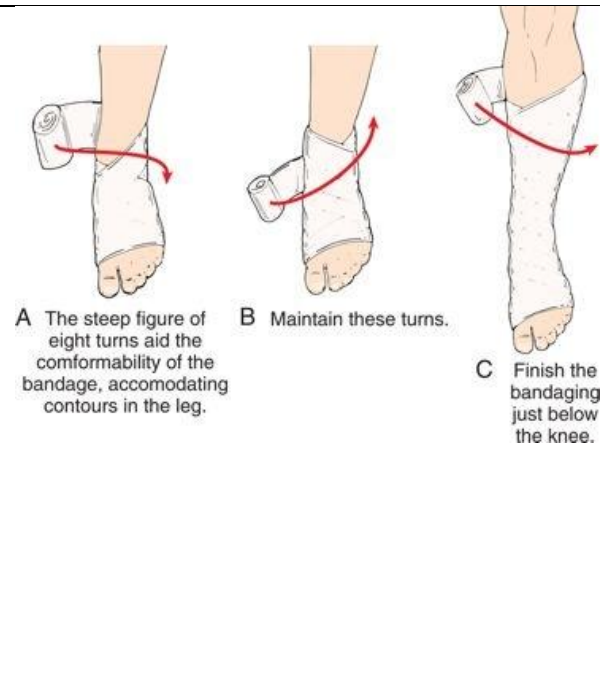
Compression Bandage/Ace Wrapping

Use the appropriate elastic wrap to wrap a partner's UE or LE for edema management using one of the following methods.

Figure 29-20 Applying an elastic bandage with a spiral wrap technique. *Redrawn from Morrison M, Moffatt C: A Colour Guide to the Assessment and Management of Leg Ulcers, ed 2, London, 1994, Mosby.*



Figure 29-21 Applying an elastic bandage with a figure-8 wrap technique. *Redrawn from Morrison M, Moffatt C: A Colour Guide to the Assessment and Management of Leg Ulcers, ed 2, London, 1994, Mosby.*



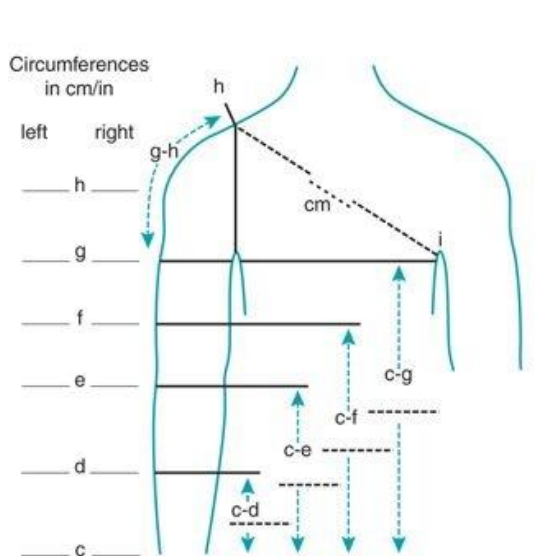
Questions:

1. From your reading, what direction do you wrap and how is the compression applied as you apply the bandage?
2. Is this an example of a short stretch, medium stretch, or long stretch bandage?
3. When should this be removed?
4. What were the challenges you faced while applying this bandage?

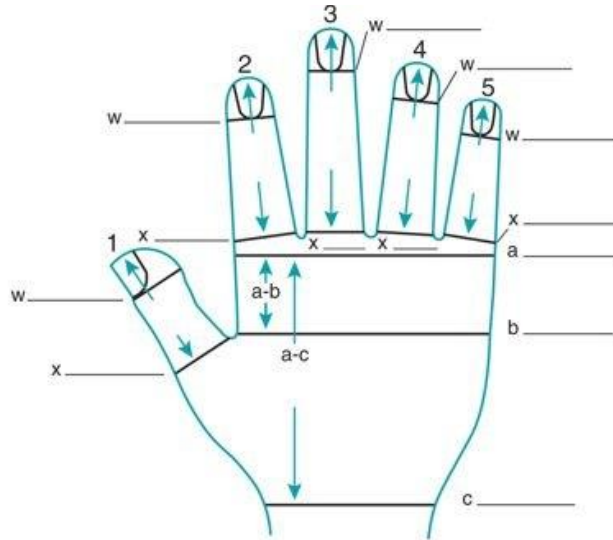
5. How did this bandage feel to wear?

Lane Community College PTA Program
Compression and Taping Lab

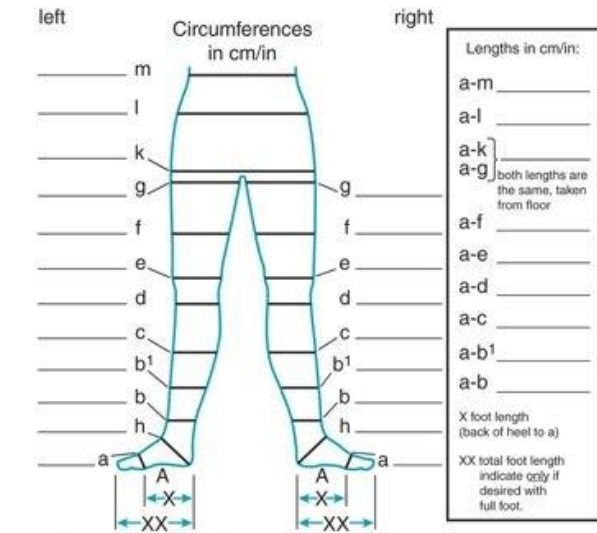
Measuring for Custom Compression Garments – with a partner, measure one side of the body



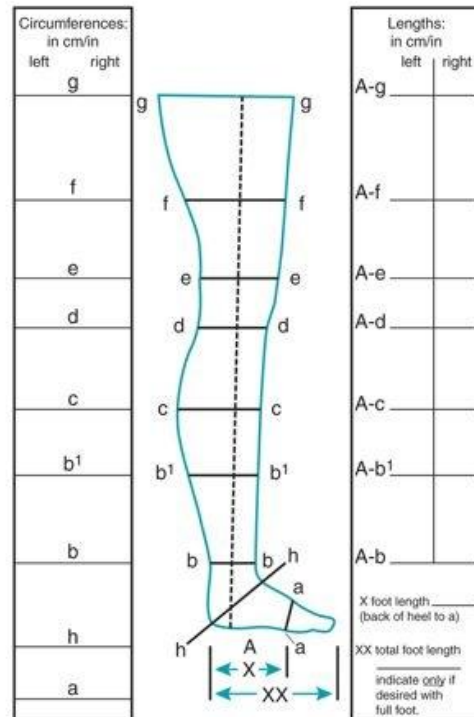
A Custom-made two-way stretch compression sleeves



B Custom-made two-way stretch compression hand portions



C Custom-made medical two-way stretch compression panty hose



D Custom-made medical two-way stretch compression stockings

Lane Community College PTA Program Compression and Taping Lab

Taping

Athletic Tape for arch/heel support (low-dye)

Leukotape for posture

Kinesiotape for edema