Foot Impression Method - *Clinician Process*

Information Provided By Kevin Orthopedic Institute

STS Slipper Sock

Innovative non-weightbearing impression method

10% FOOT TO IMPRESSION VARIATION TOLERANCE

SUBMIT ORDER
Ship slipper cast with completed order form to laboratory[1]

STANDARD LAB PROCESS
CAD CAM Positive Model Vacuum Formed (Plaster Positive Model Vacuum Formed optional)

FOOT MODEL DATA
Stored indefinitely

ADVANTAGES
- Quick capture of patient's foot impression
- Clean

DISADVANTAGE
- Large variation congruency in gaps between foot impression sock and skin

CLINICAL PEARL
To achieve a balanced impression, suspend foot with heel, 1st and 5th metatarsal heads in level plane while achilles tendon is plumb-lined with Anterior Superior Iliac Spine.

1

Slip bag over foot. Submerge sock in cool water or hold under running water.

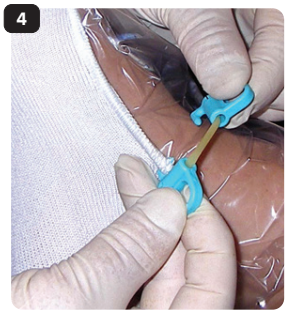
2

Squeeze out excess water and slip sock over bag.

3

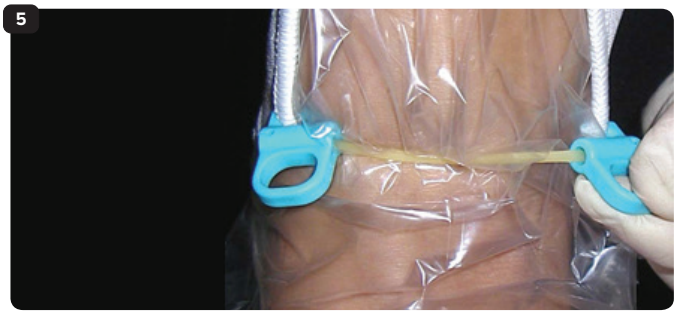
Pull up sock around the heel.

4



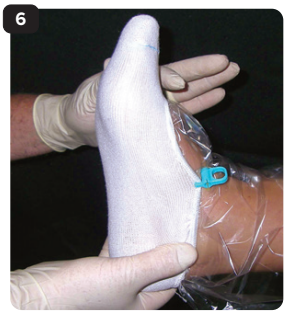
Attach one end of slipper clip at apex of medial arch below elastic band.

5



While maintaining tension of the strip and placement on the medial clip, gently pull up on the lateral clip to draw the elastic band across the dorsum of the foot. Attach the clip on the lateral side of the sock just below the elastic band. This will help the sock conform to the plantar arch contours.

6



Hold foot in neutral or desired position until resin hardens (approx. 2 minutes).

7

Release slipper clip by twisting or rotating it back and forth.

8

Gently pull heel of slipper sock downward and away from heel.

9

Have patient wiggle toes and gently slide sock off of foot, placing finger pressure on the superior elastic band just behind base of toes.

10

After approx. 1 hour, any markings needed for lesions or osseous prominences can be made with an indelible pen. The plastic bag can be left inside the casting if preferred. The casts can now be sent to the lab for processing.[1]

Note: All illustrations and diagrams are of right foot
[1] Print FedEx labels at www.kevinorthopedic.com/fedex
[2] Photos provided by STS company

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