

## Revised LN-4 Fitting Storyboards – Step by step activities related to Fitting LN-4 prosthetics

November 17, 2009

1. LN-4 Evaluation Process
  - a. Request permission to examine the residual limb of the applicant
  - b. Test flexibility of the elbow – range of movement, ease of movement, and strength
  - c. Use a 1 foot ruler to measure the length of residual – minimum 14 cm from tip of outside elbow is our requirement – arrange for other applicant to view the process
  - d. Verify no sores, wounds or pain in the residual
  - e. Verify no existing fingers or palm grip, which would interfere with the LN-4.
2. LN-4 Registration Process
  - a. Get the form – add place name and a sequential number – this becomes the file number
  - b. Add Applicant name, phone, reason and date...as requested on the form
  - c. Make a name tag – Name and file number – for the applicant
  - d. Photo of applicant from waist up – show face, arm across chest and name tag
3. LN-4 Hand Fitting Preparations(always try to do these steps in front and with the new recipient)
  - a. Threading the straps
  - b. Determine the strap position
  - c. Attaching the hand to the cuff – verify the tightness of the hand on the grommet
  - d. Verification and demonstration for the recipient
  - e. Working with the recipient – demo the working of the LN-4
4. LN-4 Fitting Steps
  - a. Place the LN-4 onto the residual arm to determine the length of the straps
  - b. Adjust the straps to length(A-B often are combined)
  - c. Attach the two small Velcro straps
  - d. Cut and singe the straps
5. LN-4 Essential Grips (demonstrate following the fitting)
  - a. Close and open the fingers – together and separately
  - b. Grip a pencil and demonstrate writing on paper
  - c. Grip a fork, a cup, a broom handle, a phone, a paint brush
  - d. Rotate the hand on the cuff to demo how to carry a water bucket or other heavy item – use the fixed digits
6. LN-4 Group Training – 3 to 10 people in a group
  - a. Demonstrate the Essential Grips(again) for the group
  - b. Have new LN-4 recipients copy the movements
  - c. Pass out paper and markers, and other items to practice grips and using the LN-4
  - d. Grip a fork, a cup, a broom handle, a phone, a paint brush
  - e. Spent 10-20 minutes with creative playing and using the LN-4 in any way the group finds entertaining and useful – answer all questions, as always.

