**ALLEN ORTHOTICS AND PROSTHETICS**

**2502 West Ohio Avenue**  **1921 East 37th Street, Suite A Midland, Texas Odessa, Texas**

 **432-683-3788 432-332-9821**

**APPLICATION INSTRUCTIONS FOR AK PROSTHESIS**

**WITH AURA SOCK AND EVOLUTION LINER**

**Application of the Prosthesis:**

1.Your residual limb should be clean, dry and free of soap residue.

2. Invert the Evolution liner completely so that the textured gel side is facing out.

3. With the shorter side of the liner to the inside of the residual limb, place the end of the liner directly against the end of your residual limb.

4. Carefully roll the liner up your residual limb with the textured gel side against the skin. Make sure that the liner is rolled, not pulled, onto the limb. Pulling the liner may stretch the skin and result in an uncomfortable fit and irritation of the skin at the top edge of the liner.

5. Make sure that there are no wrinkles or air pockets between your limb and the liner. It is important to be certain the liner is completely in contact with the end of your limb.

6. Pull on the Aura Sock over the liner and position the sealing membrane on the liner, it should not be folded under itself.

7. The Aura sock will require light lubrication using a small amount of alcohol hand sanitizer or alcohol spray to reduce the friction between the seal and the internal surface of the socket

8. Remove the valve and place the residual limb into the socket as far as possible. Stand up and pull the top of the sock over the edge of the socket to remove the wrinkles from the sock. The limb is then placed further into the socket with the correct rotation. The adductor longus tendon should line up in the channel at the front/inside corner of the socket. Put weight on the prosthesis so that the residual limb slides into the socket. At this point install the valve. Weight shifting from side to side will help to push the residual limb all the way into the socket. When the limb is completely into the socket the inside edge of the socket should rest comfortably near the perineum. The ischial tuberosity should be in slight contact with the socket with all your weight on the prosthesis. If the residual limb does not go all the way into the socket with full weight bearing check to make sure the sock is not wrinkled up inside the socket. If the residual limb is still not in the proper position after weight shifting several times then re-lubricate the seal.

9. The outer aspect of the Aura sock over the liner should be touching the valve housing when the residual limb is all the way into the socket.

10. To remove the prosthesis, remove the valve first and this will eliminate the suction suspension, gently remove the socket from the residual limb.

**Report failures, malfunctions or changes in your physical condition to us as soon as possible.**