

Cleaning & Maintenance:

The prosthetic silicone liner should be cleaned according to the manufacturer's directions. The prosthetic socket may be wiped out with warm, soapy water or alcohol as needed.

Tips and Problem Solving:

These systems require precise donning and doffing procedures to avoid further complications. Please consult your prosthetist with any questions.

live better. work smarter. play harder.™

Prosthetist: _____

We are here to help.

MARLTON

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Below Knee Prosthesis Suction/Elevated Vacuum Suspension CARE & USE INFORMATION



At **POSI**, we're all about helping you live better, work smarter and play harder. Our network of Prosthetic clinics represent some of the best clinicians in the country, ready to help you reach your goals.

You have been fit with a Below Knee Prosthesis with an elevated vacuum suspension. The goals of an elevated vacuum system are to control volume fluctuations of the residual limb, reduce forces to the limb and to improve both suspension and proprioception without restricting vascular flow.

With an elevated vacuum system, a liner is directly against the skin and a suspension sleeve is used to create a seal between the prosthesis and the residual limb. A pump below the socket evacuates the air from the system.

Putting on the Prosthesis:

1. Turn liner inside out. Discuss with your prosthetist if your individual system needs lubricant. **(Figure 1)**
2. Roll the liner onto the residual limb. Be sure to work any air bubbles up and out of the liner. **(Figure 2)**
3. Pull a nylon sock up the liner. The nylon sock must end below the edge of the liner. Do not pull above the liner. **(Figure 3)**
4. Insert the residual limb into the socket **(Figure 4)**
5. Fold the nylon sock over the top edge of the socket. Or, if provided, pull the "mini" sleeve over the edge of the prosthesis.
6. Pull the suspension sleeve up onto the thigh. Make sure the suspension sleeve is 2 to 3 inches above the edge of the insert on the skin of the thigh.
7. Stand up on the prosthesis and push up and down on the prosthesis to ensure that the air is pushed out of the socket. This may take 10 to 20 pumps. If using a microprocessor control pump, turn on vacuum in standing position. **(Figure 5)**

Removal of your Prosthesis:

Turn off the vacuum pump and roll the suspension sleeve down. Pull the limb out of the socket.



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5