

The Harmony VASS system is used by persons with transtibial (below the knee) amputations. When used correctly, it is a very successful prosthesis with excellent suspension. However, this system requires careful maintenance by both the user and the prosthetist. The Harmony VASS system uses a pump to constantly eliminate air and moisture from your prosthetic socket and consists of the following additional components: a urethane liner (custom or prefabricated that rolls onto your limb), a nylon sheath or sock (that go over the liner), a gaitor (that covers the trimlines of the socket to protect the sleeve), a suspension sleeve (that goes up onto your thigh and creates the seal to allow suction). If any of the components become worn or develop holes/tears, the system will not function properly. Therefore, it is imperative that you keep all of these items in good condition.

### APPLICATION

1. Roll your liner inside out then apply a small amount of the lubricant, provided by your prosthetist, to your residual limb and inside of the liner.
2. Line up the front of your liner with your residual limb. Bend your knee slightly and gently roll the liner on.
3. Using your hands, massage any air bubbles up and out of the top of the liner. Ensure there are no wrinkles.
4. Apply your nylon sheath or sock over the liner. Be sure to leave the top 2" of the liner exposed so that it may seal with the suspension sleeve.
5. Place your leg into the prosthetic socket. Gently push down to ensure you are all the way in.
6. Pull the "gaitor" up and over the trimlines, then ROLL up your suspension sleeve onto your thigh. Ensure there are no wrinkles.
7. Stand up and push up and down to help pump the air out of the socket to create a good suction/seal.

### CARE INSTRUCTIONS

Take your liner off every evening, before you go to bed, and inspect it thoroughly for any tears or abrasions. If any holes develop, this will cause a lack and suction and can also lead to skin irritation. Use non-allergenic soap and a clean cloth to wash your liner. Do NOT use alcohol, bleach, or scented soaps. Towel dry your liner then return it to its normal position. Do not leave your liner inside out. Place the liner flat to dry in a safe, clean place overnight.

You may wipe the prosthetic socket and componentry with a damp cloth, but do not use any abrasive chemicals or submerge the prosthesis in water.

Wash the inside of the suspension sleeve at least once a week with non-allergenic soap and water. Allow to dry thoroughly.

### ALTERNATING LINERS

In most instances, you will receive two liners upon delivery of your prosthesis. Alternate liners daily, thus allowing one to be washed while one is being worn. This also helps prolong the life of the liners.

### THE PUMP

Clean your pump by doing one of the following:

1. Pour a half cup of water into the socket and compress the pump in order to suction the water through the pump in order to clean system of body oils and sweat.
2. Soak a sock in water and apply sock over the liner and walk for 5 minutes.

**It is important to schedule follow-up appointments with your Prosthetist for regular maintenance of your prosthesis as well as to verify the fit and function is appropriate for your current needs.**

**PLEASE CALL YOUR NEAREST WCBL REGARDING ANY QUESTIONS OR CONCERNS.**

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