

A man with a prosthetic left leg is walking on a beach. He is wearing a white and grey striped t-shirt and red shorts with white stripes on the side. The background is a clear blue sky and a blue ocean. The text 'PATIENT INSTRUCTIONS INFINITE SOCKET SYSTEM' is overlaid on the right side of the image.

PATIENT INSTRUCTIONS
INFINITE SOCKET
SYSTEM



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Welcome

Congratulations on becoming a **#LIMLegend!**

The following steps will guide you through the use the LIM Innovations® Infinite Socket™ TF.

For additional support or questions, please contact your prosthetist.

Step 1 | Loosen the Infinite Socket™

- Open the ratchet or velcro closure system completely.
- Loosen the brim.





LANYARD

- Insert leg into socket
- Thread lanyard through slot in base
- Verify leg is fully inserted into socket
- Pull lanyard through top buckle and adhere velcro to itself
- Stand up if needed to complete lanyard process



Step 2 | Put on your Infinite Socket™

PIN LOCK

- Insert leg into socket
- Engage pin into lock
- Verify audible click(s)

Stand up if necessary, use body weight to push leg completely into socket to completely engage pin.

SEAL IN / ELEVATED VACCUM

- Apply alcohol-based donning lubricant
- Insert leg into the socket
- Verify leg is fully inserted with total contact on the bottom of residual limb
- Stand up to expel residual air from socket by gently pushing leg repeatedly into the socket until air evacuation through valve is no longer audible





Step 3 | Verify the Correct Position of the Socket

- Make sure the socket's seat is beneath the sitting bone
- There will be approximately 1/2 inch of space between inner thigh brim and groin
- Rotate socket about the residual limb to correct rotation if necessary

Step 4 | Tighten the Tensioning System

- Securely tighten the ratchet or velcro closure system with partial weight bearing into the socket
- Be sure you are not rotating the socket when tightening
- Tension may need to be adjusted multiple times throughout the day based on volume change or activity





Step 5 | Remove your Infinite Socket™

PIN LOCK

- Press the pin lock body (red button) to release the pin

This may require additional force or a tap. Pushing the limb down in the socket and then pushing the red button simultaneously can be helpful.

- Once the pin is released, keep the red button pushed in until the pin is clear from the lock
- Remove the residual limb from the socket

LANYARD

- Open the velcro on the lanyard strap
- Pull on the strap to remove it from the base
- Remove the limb from the socket



SEAL IN / ELEVATED VACCUM

- Press the button on the valve body to allow air into the socket
- Remove the limb from the socket to break the seal



Troubleshooting

Problem

Possible Reason

Possible Solution

Pain at end of the limb

Pin lock is not properly engaged (pin lock suspension only)

- Remove and re-don liner to ensure pin orientation is correct
- Pin should be straight with the line of the limb

Limb is not fully inserted into Pin lock (Pin lock suspension only)

- Once you hear more than 2 clicks, which indicates the pin engaging with the locking mechanism, take weight off the limb (go back to seated position if necessary) and bring the limb to the bottom of the socket by turning the locking mechanism (red button) clockwise
- In order to turn the lock, use the key provided into the existing slot. (If the key is lost, house keys or a quarter can be used)

Tensioner is not sufficiently tight

- You may get more tension while tightening from a seated position

Socket rotation on residual limb

Insufficient tightness in the tensioner

- Tighten tensioner system
- You may add more tension while tightening from a seated position

Insufficient support under sitting bone

- Remove socket completely
- Rotate socket about residual limb to correct rotation

Socket cannot achieve sufficient tightening

- You may get more tension while tightening from a seated position

Excess pressure in groin

Socket put on with improper rotation

- Remove socket completely
- Rotate socket about residual limb to correct rotation

Severe pain or skin breakdown in the residual limb

- See your prosthetist

Notes:



Notes:







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