



WE MAKE ABILITY



lim innovations



lim innovations



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Every aspect of the Infinite Socket™ TF was designed and engineered with lifestyle in mind.

The Infinite Socket™ TF is ideal for patients with large volume changes, discomfort, or at risk for skin breakdown as the design mimics human anatomy to provide improved function, adjustability and comfort.

www.liminnovations.com



INFINITE™ T / F
SOCKET

THE MOST
COMFORTABLE,
ADJUSTABLE, CUSTOM
SOCKET FOR
ABOVE-KNEE AMPUTEES.



THE INFINITE SOCKET™ TF CAN BE ADJUSTED IN SIZE, SHAPE AND TENSION BY THE PATIENT AND CLINICIAN TO CONFORM THE SOCKET TO VOLUME CHANGE AND ACTIVITY DEMANDS, IMPROVING REHABILITATION TIMES AND PATIENT SATISFACTION.

1.

Carbon-Fiber Struts

Each thermoplastic carbon-fiber strut is digitally custom-molded to the contours of the patient's limb. Each strut can be adjusted with a heat gun without hindering structural integrity.



2.

Distal Base Plate

The four-hole base plate has a built-in line of progression to assist finding the optimal offset for limb length and alignment. The plate, which comes in four sizes, offers 7mm of radial slide and 40° of angular pivot per strut, while maximizing structural integrity.

3.

Interchangeable Suspension Options

Elevated-vacuum, lanyard, seal-in, and pin-lock suspension options offers unprecedented versatility when choosing the best suspension system for the patient's needs.

4.

Precise Adjustability

The adjustable lanyard/ratchet tensioner enables patients to fine tune the socket tension to suit their activity style. The medial-relief, anti-microbial, flexible brim can be loosened when sitting, or tightened when walking to achieve optimal stability and comfort no matter the circumstance.



5.

Dynamic Frame

The modular four-strut frame, base plate, and soft textile brim combine to provide shock absorption qualities that translates to energy return in every step. The open design facilitates muscle movement in a cooler, non-invasive structure.

6.

Improved Pressure Distribution

With integrated textiles and adjustable components, the Infinite Socket™ AK conforms seamlessly to the limb and enables superior comfort. Height adjustments on the optional ischial seat and lateral paddle reduce possible weight-bearing on neuromas.

"MY INFINITE SOCKET ALLOWS ME TO LIVE THE LIFE THAT I WANT, ON MY TERMS. I'VE NEVER BEEN MORE COMFORTABLE. I FEEL THE MUSCLES IN MY LEG WORKING IN TANDEM WITH MY MOVEMENT."
- JACK. B

"I FORGET I'M AN AMPUTEE WHEN I'M WEARING MY INFINITE SOCKET. I'VE NEVER BEEN AS COMFORTABLE"
- POLI. P