The BiOM Advantage

Power

- Emulates the function of your lost muscles and tendons.
- Energizes every step, so you will have more stamina to walk farther and faster – even up ramps, hills and stairs.

Control

- Mimics normal ankle movement to enable a more natural stride.
- Centers your alignment to reduce joint forces which may result in less pain.

Stability

- Dynamic resistance controls the ankle movement from heel strike until you push off your toe.
- Provides the balance you need to feel confident on any surface.

Only BiOM offers this combination of POWER, CONTROL and STABILITY. Have more freedom in life without thinking about your mobility.

The BionX Commitment

BionX is committed to offering bionic solutions that restore normalized function and quality of life for people with amputations. More than 1,000 people have experienced the power of BiOM Personal Bionics.

The BiOM Ankle is supported by a 3 year warranty.

BionX understands that reimbursement can be time-consuming and complex. This is why BionX provides reimbursement support to ensure that your provider can submit your claim as quickly as possible.

When you schedule your Bionic Experience, record the date and use this as a reminder:

DATE

The device is intended to replace a missing foot and ankle. The BiOM Ankle is to be used exclusively for fittings of lower extremity amputations as prescribed by a healthcare professional.

The BiOM Ankle does not work for everyone and individual results may vary. The most common complications are complete battery discharge which may reduce walking distance and speed, improper tuning or improper walking up and down stairs which increases the risk of falls.

1. H. Herr, A. Grabowski, 'Bionic ankle–foot prosthesis normalizes walking gait for persons with leg amputation', Proc Biol Sci. Vol. 7; 279(1728): 457–464. 2012.
2. A. Ferris, et. al., 'Evaluation of the Biomimetic Properties of a New Powered Ankle-Foot Prosthetic System', Dept. of Orthopedics and Rehabilitation, Center for the Intrepid, Brooke Army Medical Center, Fort Sam Houston, TX, USA. Presented at American Society of Biomechanics 2011.
3. D. Gates, J. Aldridge, J. Wilken. 'Kinematic comparison of walking on uneven ground using powered and unpowered prostheses', Clinical Biomechanics, 28, 467–472, 2013.
4. J. Aldridge, A. Ferris, J. Sturdy, J. Wilken, 'Kinematics and Kinetics with a Powered Lower Leg System During Stair Climbing Ascent Following Transtibial Amputation', Gait & Posture, Vol. 36, , 291–295, June 2012.
5. E. Esposito, et al., 'Step-to-step transition work during level and inclined walking using passive and powered ankle–foot prostheses', Prosthet Orthot Int., 2015.

BIONX
Inspired by You.

FOUR CROSBY DRIVE ♦ BEDFORD ♦ MA ♦ 01730
781.761.1560 ♦ TRY-BiOM.COM

2003135 Rev C

BIONX
Inspired by You.

Have More Freedom to Do The Things You Want

The BiOM ankle is the only prosthesis with powered propulsion for enhanced mobility

Only BiOM offers this combination of POWER, CONTROL and STABILITY. Have more freedom in life without thinking about your mobility.

Challenges with Mobility

Conventional carbon fiber prostheses require considerable energy to navigate daily activities, such as getting the mail, grocery shopping or playing with your kids. This increased energy usage leaves many people tired, causing them to walk slower and shorter than they may like, and unable to get the exercise required to manage their weight and other conditions.

People on conventional prostheses compensate with their knee, hip and/or sound side which causes pain, joint degeneration, and osteoarthritis.[1] The long term effects can be painful, leaving many people less mobile and missing out on time with family and friends.

Variable terrain, ramps, hills and stairs are a challenge for most people with conventional prostheses. Balance can be awkward which leaves many people feeling unstable and unsafe.

More than 1,000 people have experienced the power of BiOM Personal Bionics

People who use the BiOM Ankle have experienced:

- Walking farther and faster
- Reduced joint forces which may result in less pain
- Improved safety and stability on variable terrain
- Easier climbing of ramps, hills and stairs

The BiOM Ankle helps overcome the challenges of conventional prostheses so people can live more independently and get more out of their lives.

"Having BiOM has given me back a lot of my life. I feel whole again."

Ed, New Hamphire

"I do a lot of walking on all kinds of surfaces and terrains. I also do a lot of stairs. When I wore my other devices, I would go upstairs one at a time. I'd put both feet on one step and pull myself up. With the BiOM Ankle, I can walk upstairs and not touch the handrail. Just walk up like a normal person on the balls of their feet."

Shawn, Indiana

Clinical studies have shown that the BiOM Ankle can help people to:

- Walk at a faster speed[1,5]
- Use less energy to walk[1]
- Walk in a more natural manner[4]
- Reduce stress on their joints[2]
- Navigate varying terrains with less effort and greater speed[3]

The BiOM Ankle is for people with above or below the knee amputations who are low to moderately active and want to maintain an active lifestyle. The BiOM Ankle is designed to keep you moving every day.

Insurance Coverage

The BiOM Ankle is covered by a number of providers, including Worker's Compensation, the U.S. Department of Veteran Affairs and Non-Profit Funding for veterans who do not have the VA benefit.

To learn whether your insurance covers the BiOM Ankle, please speak to your provider or contact BionX.

Ask your prosthetist about scheduling a Bionic Experience today – have more freedom to do the things you want.

BIONX
Inspired by You.