

Who is Keeogo™ for?

Keeogo™'s intended use is to provide support in ambulation for those living with weakness, pain and decreased muscle and cardiovascular endurance due to illness or injury.

PATIENT:

Should have the ability to initiate all movements in walking, sit-stand, stand-sit, squatting, crouching, kneeling and stair climbing.

Should be able to walk without human assistance (with or without an assistive device).

Should have necessary balance and core strength to remain upright when operating device.

PATIENT POPULATIONS WHO MAY BENEFIT FROM KEEOGO™ INCLUDE, BUT ARE NOT LIMITED TO:

- Multiple Sclerosis
- Parkinson's Disease
- Knee and Hip Osteoarthritis
- Patients with MSK injuries
- Incomplete SCI
- Muscular Dystrophy
- Brain Injury
- Stroke
- Other

Keeogo™ is an assistive mobility device and is currently under investigation as a gait-retraining modality.



Keeogo™ is commercially available for rental or purchase in Canada. It is not yet available in the United-States. Keeogo™ is entirely developed and manufactured by:



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Keeogo™

REGAIN the
FREEDOM to walk
and Keep on Going

What is Keeogo™?

Keeogo™ is an ambulatory assistive device that is fitted to the lower body, and is powered at the knee. This computer-controlled orthosis provides complementary force to the knee joint throughout a variety of activities, namely:

- > Assistance with knee flexion in swing phase of gait
- > Assistance with knee extension in swing phase of gait
- > Assistance with eccentric knee control in weight bearing
- > Assistance with knee extension in weight bearing

B-TEMIA coined the term "Dermoskeleton" as a subclass of exoskeletons, to differentiate the low-profile and innovative user-initiated nature of the device from existing exoskeletons. Keeogo™ does not attempt to move through a predetermined pattern of movement, but rather integrates seamlessly with movements initiated by the user herself, and provides assistance based on the detected activity.



Keeogo™ is available for medical use, as a class I medical device (Health Canada), since 2014. Keeogo™ has now been fully integrated into over 30 individuals' homes and communities for use in daily life. Users report:

- 95% of daily users mention Keeogo improved their activities of daily living or accessibility.
- 96% of users are satisfied of Keeogo as a mobility aid.
- 90% of daily users report increase in walking endurance.
- More than 50% of users reported a more active social life, increased productivity, and increased leg strength.
- Other reported benefits include, but are not limited to, decreased pain in lower body, better mood and increased sleep quality.

This month, when was Keeogo™ most helpful to you?
Survey of Home Users, 2016, n=30



Walking
90%



Using stairs
74%



Standing for extended periods of time
61%



Running errands, social activities
58%



Standing up from a chair
58%



Cooking / cleaning / home activities
45%



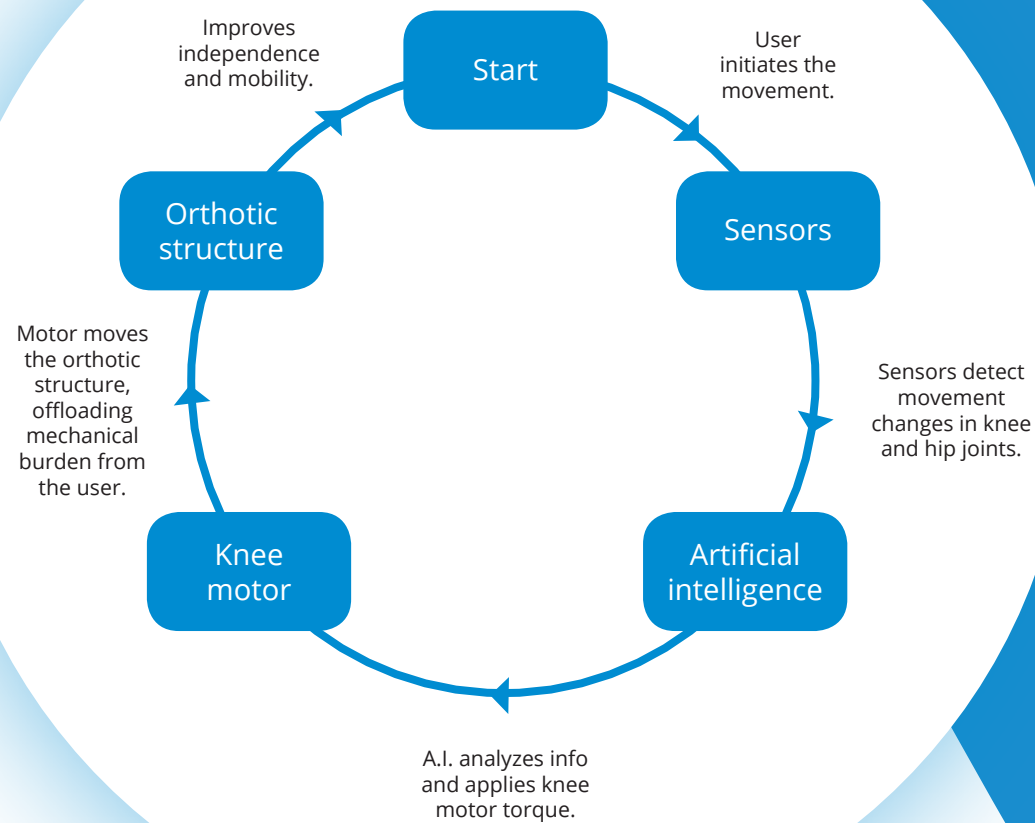
Kneeling down
26%



Working
26%



Practicing a hobby
16%



Use and Benefits of Keeogo™

Since 2010, B-TEMIA's Deroskeleton™ technology has been investigated through numerous field tests, clinical trials, and standardized biomechanical and physiological evaluations. To date, over 100 participants have tested the device in more than 15 studies. These studies demonstrated how the Deroskeleton™ technology has the potential to:

- **improve the stability and biomechanics of the knee joint**
- **reduce knee pain**
- **improve walking capacity**
- **decrease compensatory movement patterns**
- **improve balance measures**