

## ▣ THE NEW SYMBIONIC® LEG FROM ÖSSUR

### FAST FACTS

- The new **SYMBIONIC® LEG** from Össur is the world's **first and only complete Bionic leg**. The advanced prosthesis is the first to combine a Bionic microprocessor knee and a powered Bionic ankle with proactive ankle flexion into a single, integrated unit.
- The integrated Bionic knee and ankle operate seamlessly together. This enables the **SYMBIONIC LEG** to quickly learn its user's walking style and make real-time adjustments according to changes in speed, stride or surface.
- Alabama Orthotics and Prosthetics, Inc. is among first in U.S. to offer the **SYMBIONIC LEG**, enabling Huntsville, AL amputees to be among the first to experience the benefits of the world's first integrated bionic prosthetic leg.
- The SYMBIONIC LEG was designed to enable users to experience greater safety, symmetry and confidence when walking, without needing to adapt their walking style or otherwise compensate for their prosthesis.
  - The SYMBIONIC LEG was designed to enhance user's **safety** through powered toe lift and stumble recovery, which can help reduce the risk of trips and falls.
  - It also encourages greater **symmetry** while walking, by performing consistent ground clearance and making it easier for the user to initiate the 'swing phase' as they extend their limb, thereby helping restore a more nature gait and better matching the user's native limb length.
    - The majority of prosthetists who participated in field testing reported that their amputee wearers demonstrated a more even stride length when walking on the **SYMBIONIC LEG**. Nearly half of surveyed prosthetists also observed less hip hiking and vaulting during their patients' first three weeks of use.
  - With its unique **intelligent terrain adaptation** capabilities, the SYMBIONIC LEG also can help enhance users' **confidence**, by providing stability while walking on such everyday surfaces as grass, slopes, or uneven ground. This enables the user to walk more easily without having to literally watch their every step.



- With 28 degrees of powered angle flexion, unmatched toe clearance, and enhanced stumble recovery, the **SYMBIONIC LEG** is intended to offer *greater user confidence and safety on level ground, ramps, stairs and uneven ground like grass or trails.*
- In field testing, many amputees who had experienced back or socket pain with other prosthetic limbs reported that their pain was eliminated after wearing the **SYMBIONIC LEG**.
  - Comparing their experiences with their current prostheses, 75 percent of all users also reported they were capable of more physical activity and feeling less tired at the end of the day with the **SYMBIONIC LEG**.
  - Nearly 80% of initial users reported increased confidence and comfort walking on ramps and hills.
  - Approximately two-thirds reported a reduction in tripping compared to their previous prostheses, and 57% reported fewer falls.
- The **SYMBIONIC LEG** also improves safety by enabling consistent prosthetic alignment and stability across a range of footwear choices and heel heights.
- The **SYMBIONIC LEG** is insurance billable using existing approved codes. It is ideally suited for more active (K3 activity level) above-knee (AK) amputees, who weigh up to 275 pounds.