



The Next Step in Prosthetic Alignment Innovation

The Newton provides active alignment functionality in real time, enabling prostheses to adapt to the patient's function and environmental changes during gait. The Newton Self-Aligning Component is the first in a series of lower limb components to build on Orthocare Innovations' patent-pending Smart Pyramid™ technology.

Advanced Actuation and Control Algorithms for Real-World Use

Newton provides the wearer with autonomous accommodation of environmental factors during ambulation. Accurately and discretely, the Newton adjusts in real-time to slight variations in terrain and gait abnormalities, reducing excessive torques on the residual limb. Its unique actuators fluidly alter alignment to optimize the socket reaction forces.

Newton Benefits

- Provides real-time correction of abnormal socket torques
- Automatically adjusts for changes in terrain and footwear
- Maintains optimized dynamic function achieved with Compas™ system
- Promotes a healthy limb environment
- Helps knee/foot components perform the way they are intended
- Enhances patient satisfaction