



*Oslo Bock*<sup>®</sup>

QUALITY FOR LIFE



**Otto Bock Mission**

*"To be of service, quickly and effectively, with the most practical and modern products and services in the entire field of technical orthopedics."*

*~Otto Bock, 1919*

### **Quality for Life**

Improving peoples' lives since 1919, privately owned Otto Bock HealthCare has one goal: to create products that restore and maintain human independence.

We're a worldwide manufacturer and distributor of innovative, high-quality

- prosthetic
- orthotic
- mobility and
- post-operative orthopedic services

### **A History of Innovation**

After World War I, the young German prosthetist Otto Bock serialized the production of prosthetic components, revolutionizing the way amputees were fit.

Now in its third generation, Otto Bock HealthCare provides a broad range of healthcare solutions to help improve independence for people all over the world, no matter what their mobility needs.



## A Solid Base

Aaron went out to help a friend change a tire on a busy highway and was struck by a passing motorist. Six surgeries later he found himself missing both his legs above the knee.

Support came from every direction.

Once he'd gotten home and discovered how difficult it would be to negotiate his two-story house, friends jumped in to remodel, spending months making his bathroom accessible and installing an elevator to help lift him up.

After he was fit with his two C-Legs®, a friend even supported him while golfing, using a homemade sling (a swim noodle and length of rope) so he could stand up to hit the ball.

With all that support, Aaron is already giving back, helping other amputees realize that their world is still an open book—and standing by his three children as they grow up.



Our Professional & Clinical Services department provides clinicians fitting our products with the strongest support available.



*"Everyday I think how fortunate I am to have this technology under me... it seems that the world's just opening up."*

*~ Aaron H.*

### **Welcome to the Revolution**

The C-Leg® microprocessor-controlled prosthetic knee started a revolution for above-knee amputees. It allows users to walk confidently wherever they go—without having to think about their next step.

Built into the C-Leg is the best that Otto Bock has to offer: our incredible R&D capabilities, clinical research from the medical community on how amputees and non-amputees walk, world-class fabrication services to create the perfect socket interface, and, of course, the industry-leading education of Otto Bock Academy.

### **Taking the Next Step: Clinicians Teaching Clinicians**

Our Academy educators are expert clinicians themselves—certified prosthetists, orthotists, therapists, rehab technology specialists and patient service representatives. They provide clinicians who fit the C-Leg and other Otto Bock products with the finest education available. This raises clinical standards throughout the industry, while guaranteeing that users get the precise fit and customized adjustments necessary to take advantage of all that our solutions have to offer.

Otto Bock HealthCare is the world leader in prosthetic components, offering the best possible solutions to people with upper or lower limb deficiencies.



## Getting Stronger Every Day

Louis' story with the Sensor Walk started with a mosquito bite. A healthy, physical 73 year-old in 2005, Louis was managing a construction project in Long Island, NY, when he suddenly felt sick and fatigued. A day later he was in the hospital, fighting for his life.

It took weeks before he was diagnosed with West Nile virus, and another six months before he was finally able to go home to his wife, Nancy, his number one supporter. Although otherwise healthy, the high fever brought on by the virus caused neurological damage to his left leg, making him too weak to participate fully in his physical therapy.

Louis was mostly confined to his wheelchair for two years until his orthotist suggested the Sensor Walk. Now Louis is able to get out of his wheelchair to perform his physical therapy and is getting stronger every day. He's even able to help Nancy with some tasks around the house—and pay her back a little for all the support she's given him over the years.



The Sensor Walk orthosis helps Louis get out of his wheelchair to participate in his physical therapy, get around the house, and even help Nancy with the dishwashing.



*"If you asked me what I did before and what I do now, I'll tell you: I couldn't walk before, and I walk now—thanks to the Sensor Walk."*

*~ Louis I.*

### Partnering with Excellence

For Bill Clover, Otto Bock VP of Fabrication, the Sensor Walk Stance Control Orthosis grew out of a passion—the passion to help people attain greater mobility.

Developed in cooperation with Mayo Clinic, the Sensor Walk helps people whose quadriceps are too weak to support them while upright. Bill and his Otto Bock team wanted to perfect a custom-fitted brace that would automatically know just when to stiffen for support, and just when to flex for walking.

### Research & Design

Otto Bock's R&D skills, experience in manufacturing, and deep expertise in the fabrication of custom carbon fiber frames allowed us to create a unique combination of individualized fit and cutting edge technology—all with the goal of giving users more freedom.

With the Sensor Walk now helping patients like Louis (inside flap) walk again, one thing's become clear: Bill and his dedicated experts at Otto Bock share the same passion: To restore and maintain human mobility.

Otto Bock orthotic devices help support almost every joint in the human body, with leg, arm, neck and trunk solutions for injuries as well as chronic issues.



## A Family Affair

Born with varying degrees of cerebral palsy, twins Claudia and Eloise have been there for each other since the beginning.

With medical issues more involved than her sister, however, Claudia needed a mobility solution that offered more support than a simple stroller—and Eloise needed a way to help participate in her sister's care.

The Kimba Pediatric Wheelchair, with its system of multiple seats and bases, is the perfect solution for parents Beth and Matt. As a physical therapist, Beth knows how important the Kimba's seating system is for Claudia—and as a parent she appreciates the Kimba's convenience and ability to grow with the family.

Claudia's father, Matt, also appreciates the modular system because it makes it easy to transfer Claudia to the Spider mobility base—without taking her out of her seat. The Spider can easily be raised up so Claudia can help him make tacos, then be lowered closer to the ground for therapy and play.

The person who likes the system the best, perhaps, is Eloise, because its stability and adjustability allow her to help Claudia go wherever she wants to—like trick-or-treating on Halloween, when Eloise, as Cinderella, pushed her “little mermaid” through their neighborhood.



With the Kimba Pediatric Wheelchair, Beth is able to get out and enjoy the day with her girls—knowing they have the best support available.



*“Right after we got Claudia's Kimba, Eloise really liked being able to help her sister,” says the twin's mother, Beth.*

*As for Claudia, when asked how she liked her Kimba, she simply says, “Good!”*



### **Innovation that Changes Lives**

The Kimba Pediatric Wheelchair is a wonder for kids with mobility problems—and a wonderful solution for their parents.

The Kimba's flexible design grows with the child and works with two seats that can be transferred to a variety of mobility bases to support children at home, in school, and outdoors. The beauty of the Kimba system is that it offers more than just convenience for families: it offers them the independence to live their lives.

### **Innovation from the Start**

The idea for flexible systems started with our serialized production of prosthetic products, almost 90 years ago.

We expanded on this idea in the '50s when we created the world's first modular lower limb prosthetic system, and again in the '70s, when we developed the MyoBock® myoelectric upper extremity prosthetic system. MyoBock prosthetic components helps clinicians get the best possible solution for upper extremity amputees, no matter how complicated their fitting needs.

Otto Bock mobility solutions include power, manual and pediatric wheelchairs, pediatric strollers and bath safety products. Our solutions keep users as mobile as possible while helping caregivers prevent injuries.



## Walking Down the Aisle

Racing for the puck at breakneck speed, professional hockey player Kurtis F. was shoved to the ice by an opponent during an NHL game. It's something that happens often in the fast, powerful game of hockey, but this time it ended with Kurtis' left knee smashing so violently into the boards that his kneecap and femur were broken in the accident.

Kurtis had extensive surgery right after the game, which included a titanium rod that was inserted the length of his femur. Worried about scar tissue preventing his leg from flexing correctly, doctors immediately prescribed an Otto Bock Continuous Passive Motion device to help Kurtis heal as well—and as quickly—as possible.

His fiancé helped him with everything during his rehabilitation at home, and Kurtis used the CPM device six hours a day—even while sleeping. Only five weeks after beginning CPM therapy, he was able to bend his knee to almost 90 degrees and even bear weight for a few seconds at a time.

The best news for Kurtis, besides the expectation that he would be able to continue his hockey career, was that he would be back on his feet only four months after the original accident—just in time to walk (though not race) down the aisle for his wedding ceremony.



Our Orthopedic Services representatives support medical teams and patients with post-operative therapies—from hospital to home.



*"The support from fans has been great—and unexpected. They really turned out for me."*

*~ Kurt F.*



### **Setting the Standard...**

Based on revolutionary Continuous Passive Motion (CPM) research done by Dr. Robert B. Salter, Otto Bock's CPM devices offer a real post-operative advantage to orthopedic surgeons and their patients.

CPM therapy moves affected joints, such as a knee or a shoulder, through a natural range of motion. This motion has been found to improve joint nutrition and stimulate the healing of cartilage, ligaments and tendons, while preventing adhesions that can occur if the joint remains static. CPM therapy can begin right after surgery and often continues for weeks, starting in the hospital and ending in the patient's home.

### **And Surpassing it—with Comprehensive Customer Support**

Otto Bock is the nation's largest provider of post-operative orthopedic services. We save hospitals time and resources by delivering doctor-prescribed therapy devices to patients, by handling all benefit authorization and billing, and by providing ongoing patient support.

For patients it means that they have face-to-face support 24 hours a day, 7 days a week—whether they're in the hospital or at home—so they can get back on their feet as soon as possible.

Otto Bock Orthopedic Services works as an extension of post-operative medical teams by handling the delivery and billing of doctor-prescribed therapy devices. We deliver CPM therapy, cold therapy, compression therapy, and electro-therapy devices—as well as orthotic devices—to patients.



**Quality for Life**

Otto Bock HealthCare is a med-tech company built on innovative technology, superior customer support, and world-class education.

Our goal is to create products that restore and maintain human independence.

For more information about Otto Bock HealthCare products and services, please visit us at [www.ottobockus.com](http://www.ottobockus.com). Or call us at 800.328.4058.

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