



Why You Can Trust Us With Your Orthotic & Prosthetic Treatment

Rinella Orthotics & Prosthetics, Inc. is owned and operated by practitioners whose main role is to create, fit and deliver orthotic and prosthetic devices. This is what we do day in and day out. Providing you with excellent care is the main priority of the company. Your opinion on orthotic and prosthetic treatment is very important to us. We request that you provide input about your treatment so we can work together with you and your physician to find the best possible solution for your needs.

Our team of medical professionals is comprised of highly experienced orthotists and prosthetists who have the skills to provide valuable orthotic and prosthetic solutions for you. Excellent service and care are our commitments to our patients. We constantly work to advance our treatment options through continuing education in the field, so that you can benefit from working with us.

Foot, Ankle, Knee and Hip Orthoses (Braces)

The orthotist and/or prosthetist that works with you at Rinella Orthotics & Prosthetics, Inc. is open to the idea of working with your doctor and physical therapist to choose the right brace for your needs. We are specialists in the creation of custom braces and prostheses as well as providing custom fit prefabricated items as well to patients.

The information that you will find below describes braces you may be supplied with from Rinella Orthotics & Prosthetics.



AFO

Ankle Foot Orthosis

Our AFOs (ankle foot orthoses) will be fabricated from thermoplastic or other medical grade materials. These braces can help you walk more readily by improving your walking speed and helping you to avoid movements that can initiate a fall.



Carbon Fiber in Braces

Carbon Fiber AFOs are used as a substitute for thermoplastic AFOs. The reason is that this material is very strong and light weight. Carbon Fiber AFOs even have the ability to provide energy return while a person walks.



FES for Foot Drop

FES stands for Functional Electrical Stimulation. When someone uses an FES device for foot drop, the goal is to help initiate dorsiflexion. In English, this means that the device aims to bring your foot up when you take each step (so you do not drag your toe). FES for foot drop is currently designed to help those individuals that have foot drop due to : Cerebral Palsy (CP), Multiple Sclerosis (MS), Cardiovascular Accidents (CVA / Stroke), Traumatic Brain Injuries (TBI) or a spinal cord injury. The device is tailored to your walking pattern via software and Bluetooth integration. It works by helping to activate the common peroneal nerve which is responsible for helping to raise your foot while you walk. Rinella Orthotics & Prosthetics, Inc. offers free appointments to discuss how this device might work for you. Give us a call today!



KAFO

Knee Ankle Foot Orthosis

KAFOs are braces that help to support the knee, ankle and foot. Typically these supports are custom made from a cast impression and measurements of a patient and require a two part visit. These custom braces are effective because they can help to support the knee in front to back and side to side motions. They are also effective in supporting the foot and ankle as well.



Stance Control KAFO

Stance-controlled KAFOs are a newer development in the orthotics community. They can be used to help certain patients that want more support during stance and more fluidity of movement during swing phase. You could think of it as a KAFO with a special knee joint that is able to know where you are at in the gait cycle. Call us for more information or send us an email to learn more.



HKAFO

Hip Knee Ankle Foot Orthosis

Sometimes support is needed for the hip, knee, ankle and foot. There is a waist component, as you can see in the picture, that attaches to a hip joint. This hip joint basically attaches to what you have seen so far in the KAFO examples. These kinds of supports can be used after a surgery or for chronic hip dislocation patients that may also have knee weakness and/or foot drop.



RGO

Reciprocating Gait Orthosis

This kind of orthosis is unique in that it can help provide support to the lower trunk in addition to the legs and feet. Its primary purpose is to help support someone while they are upright and it can help them move their legs back and forth in the effort to achieve more normal walking.

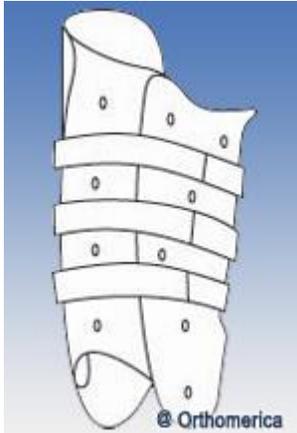


CAM Walker

Controlled Ankle Motion Walker

This orthosis is commonly used for people that injure their foot and ankle. It can be used when someone breaks a bone in their foot or ankle, for example. It can also be used after surgery or if someone ruptures a tendon in their foot or ankle area (Achilles tendon rupture). To put it simply, this medical

grade brace can help you to walk more safely while creating an environment that helps to allow you to heal.



Tibial and Femoral Fracture Brace

If there is a fracture in your tibia or femur, one of the best ways to help you heal is to be provided with a tibial, or, femoral length fracture brace. These medical grade braces can help you to avoid movements that can further your injury level.



Knee Immobilizer

A knee immobilizer can be effective in the sense that it will inhibit joint motion at the knee. It will simultaneously support the knee and the use of an immobilizer can help you to heal after a surgery or perhaps after a serious injury to the knee. It is sometimes easy to forget not to move your knee, if you have hurt an internal structure, but these braces help you to avoid excessive motion at the wrong time that can hamper the healing process.



Post-Op ROM Knee Orthosis

The function of a post op knee brace is to act as a knee immobilizer when needed. The bonus to this medical grade brace is that later on, when your physician permits, the knee joint can be activated to allow increasing range of motion.



Hip Abduction Orthosis

Some individuals suffer from hip dislocations, others can go in for a surgery to treat an ailing hip. A hip abduction orthosis is used to help limit motions that can induce dislocations when it is worn. A brace of this kind can also be worn after surgery in the effort to help you avoid movements that can compromise the work that the surgeon has performed. The idea in both scenarios is to promote healing due to support and motion control of the hip joint.

Diabetic and Therapeutic Needs



CROW

Charcot Restraint Orthotic Walker

A CROW is a special device that is provided to patients to help them heal. If someone suffers from sores that are not healing, or if they need additional support due to the existence of charcot foot, this custom made orthosis can be provided. The interior of this medical grade brace is padded, for accommodation purposes, while the exterior aspects are designed for support and protection. It is designed to provide an environment in which the body can more readily heal itself.



Diabetic Neuropathic Shoes

Diabetic shoes are provided to patients when they need extra support and room for their feet. These shoes are designed not only for comfort but also to accommodate a foot that may fluctuate in size due to edema (swelling). People with diabetes or neuropathy are often provided with a shoe of this kind.



Wedge Shoe

A wedge shoe is designed to help off load a certain area of the foot. If a person has had a surgery, for example, or they have an ulcer on the plantar surface of the foot these shoes might be prescribed. This type of shoe is also beneficial because it will help to promote healing in the off loading areas it that are integral to the shoe itself.



Plastazote Shoe

Plastazote is a material that is very soft and has good shock absorbing qualities. When a shoe incorporates this kind of padding, it can accommodate certain foot deformities more effectively. In addition, plastazote shoes help to allow for more room if a person currently is using a surgical dressing.



Custom Molded Shoe

Sometimes off the shelf or prefabricated shoes just won't be enough. When a person needs a custom molded shoe this means that the off the shelf versions just do not accommodate the size and shape of their feet. Rinella Orthotics & Prosthetics, Inc. has the ability to provide people with custom molded shoes if they suffer from diabetic ulcers, amputations, bunions or other deformities in the foot area. We will take impressions of your feet along with a series of measurements. From this, we have the ability to fabricate shoes to fit just about anyone!



Foot Orthoses

Foot orthoses are typically custom fabricated devices that are worn inside of a person's shoes. Foot orthoses (foot orthotics) can help to provide accommodative support to the foot, or they can be more rigid in nature when required due to an individual's diagnosis. These orthoses can help people who suffer from problems with their feet, up to their knees, hips and also their back.



Compression Hose

Compression hose can be calf length, or they can come up to the thigh, or waist in some cases. They also come in different strengths according to the amount of edema you may have. Rinella Orthotics & Prosthetics, Inc. has the ability to provide these compression garments and to custom make them when needed. We also have the ability to make a custom garment for literally any area of the body. The general purpose of a garment like this is to assist in circulation and to reduce edema (which is typically found in either the lower extremities (legs and feet) or in the arms and/or hands).