

Knee Osteoarthritis (OA) Braces

Bauerfeind

Bauerfeind is one of the leading manufacturers of medical devices in the world. They combine expertise in technology and production and work closely with doctors, scientists and developers to produce patented, award-winning products and services.

Whistler Physiotherapy is pleased to announce we are the dealer of Bauerfeind products in Whistler. We have inventory of the Bauerfeind "Train" compression braces (knees, ankles, elbows, socks), Malleoloc ankle stabilizer, lumbar supports, and compression socks, both medical grade and over-the-counter. The goal of the "Train" knit, orthopaedic supports, is to positively affect proprioception, reduce pain and edema, and stimulate circulation to accelerate recovery. We supply Genutrain knee braces, Epitrain elbow braces and Malleotrain ankle braces .

Genutrain Knee Brace:

- 1) Help restore mobility
- 2) Anatomically knit compression supports work with the body to exert a therapeutic effect. Intermittent massage combined with compression stimulates circulation, enhances metabolism and accelerates recovery.

Uses:

Mild and moderate knee instabilities
Osteoarthritis and rheumatoid arthritis
Meniscus injuries

Malleoloc Ankle Brace:

- 1) Focus is stability with intended benefits of relief, stabilization and support.
- 2) Incorporates supporting mechanisms made from modern breathable materials.

Uses:

Allows early functional treatment for injuries of the lateral malleolar ligaments
Post op protection
Chronic ligament instability
Conservative treatment of severe ankle sprains and ligament ruptures
Protection against sprains

LordoLoc Brace

Medical Grade Compression Stockings:

We offer both off-the-shelf and custom fit compression socks/stockings to promote circulation and maintain healthy legs. Whether it's for sport, work or travel we have a sock which is right for you.

Compression socks are particularly important for anyone with a history of varicose veins, during pregnancy, for anyone who works long hours on their feet, smokes, and anyone who suffers from cramps.

Medical grade compression exerts precisely defined levels of pressure, highest around the ankles, and gradually lessening up the leg, and is designed to be comfortable as well as effective



Knee Osteoarthritis (OA) Braces

BREG

Fusion OA - Custom Brace

With its sleek, lightweight design, FUSION OA provides optimal medial or lateral compartment off-loading for unicompartmental osteoarthritis. FUSION OA features BREG's exclusive adjustable hinge technology, which provides an effective valgus/varus load to the knee. This hinge utilizes a telescoping condyle with BREG's exclusive user-friendly thumbwheel dial design that allows patients to easily adjust the level of pain relief without using a tool. And, because it features BREG's revolutionary ProForm technology, patients always get an intimate, contoured fit, that keeps the brace solidly in place all day long. FUSION OA provides necessary medial/lateral, anterior/posterior stabilization, and best of all, it not only relieves pain, but may also slow osteoarthritic deterioration.

Indications:

- * mild to severe **OA (Osteoarthritis)** or **joint pain** – medial or lateral compartment unloading
- * **Chondral** defect procedures
- * **Meniscus** procedures and repairs



Women's Fusion OA - Custom Brace

By combining a sleek, lightweight frame that fits discreetly under clothing, FUSION OA is the ideal brace for female patients suffering from osteoarthritis. It provides optimal medial compartment off-loading for unicompartmental osteoarthritis, and features BREG's exclusive adjustable hinge technology, which provides an effective valgus load to the knee. This hinge utilizes a telescoping condyle with BREG's exclusive user-friendly thumbwheel dial design that allows patients to easily adjust the level of pain relief without using a tool. FUSION Women's OA also incorporates an offset gauge that clearly displays the amount of load applied in half-millimeter increments. FUSION Women's OA provides the necessary support for ACL, PCL and collateral ligament protection. And, because it features BREG's revolutionary ProForm technology, patients always get an intimate, contoured fit. Best of all, FUSION Women's OA not only relieves pain but may also slow osteoarthritic deterioration.

Indications:

- * Unicompartmental OA (mild to severe) – medial compartment only
- * Chondral defect procedures
- * Meniscus procedures



Knee Osteoarthritis (OA) Braces

DONJOY

OA Defiance – *Custom Brace*

The DonJoy OA Defiance is a custom, double upright, knee osteoarthritis brace that offers a perfect fit and is ideally suited for patients with active lifestyles. Features 1° to 7° of correction built into a strong, lightweight, carbon composite frame. DONJOY's telescoping condyle pad (up to 3° of additional correction) shifts compressive knee joint forces from the degenerative area to the healthy compartment. Ease of use with the universal OA key enables patient-controlled load adjustments to meet daily needs.



- * **mild to severe OA (Osteoarthritis) or joint pain** – medial or lateral compartment unloading
- * **Chondral** defect procedures
- * **Meniscus** procedures and repairs

OA Adjuster – *Off the Shelf Brace*

The OA Adjuster is clinically proven to off-load the knee and is ideally suited for active, adult patients with moderate to severe unicompartmental osteoarthritis, moderate to severe ligament instabilities, and for post-operative rehabilitation.



- * **mild to severe OA (Osteoarthritis) or joint pain** – medial or lateral compartment unloading
- * **Chondral** defect procedures
- * **Meniscus** procedures and repairs

OSSUR / CTi

Unloader Select – *Custom Brace*

Few products have impacted an industry like the Unloader Select knee brace, making the Unloader brand synonymous with OA knee bracing. 9 published, peer-reviewed clinical and biomechanical studies have proven the efficacy of the 3-Point Leverage System, which combines an Adjustable Dynamic Joint® with a diagonal Dynamic Force Strap. This unique system is the most widely-used OA knee bracing technology in the world.

Indications:

- * **Mild to severe unicompartmental osteoarthritis**
- * **Unicompartmental knee conditions** requiring load reduction, such as Articular Cartilage Defect Repair, **Meniscal** Cartilage Repair, Avascular Necrosis, or **Tibia Plateau Fracture**
- * Disproportionate thigh-to-calf girth, abnormal limb contour, thin skin, minimal muscle mass and/or mild cognitive deficiency
- * Moderate to demanding activities of daily living



Knee Osteoarthritis (OA) Braces

OSSUR / CTi

CTi OA – Custom Brace

The CTi OA knee brace has ultra-stiff, composite shells that can be constructed with up to 7° of varus or valgus correction, offering a high level of protection and stability for clinicians interested in treating osteoarthritis and ligament instability equally. Key features include a Total Support System, Accutrac™ hinges that mimic the natural motion of the knee joint and breathable liners, coated with Ossur® Sensil® Silicone2 to eliminate migration and improve efficacy.

Indications:

- * **Mild to severe unicompartmental osteoarthritis**
- * **ACL, MCL, LCL, PCL**, rotary and combined instabilities
- * High to low impact levels are covered by 3 models: Vapor, Standard and Pro Sport



Unloader One OTS – Off the Shelf Brace

The best new osteoarthritis (OA) bracing technology is available off-the-shelf. The flexible, perforated shells conform easily to individual anatomy, giving Unloader One OTS an excellent out-of-the-box fit. This brace combines a streamlined, flexible upright with Dual Dynamic Force Straps to generate more unloading leverage than any Unloader to date. Quick fit buckles and breathable liners help ensure better patient compliance. Now the Unloader One OA knee brace is even simpler to fit and easier to wear! A new design incorporates color-coded buckles, more intuitive strapping, and denser Sensil® lining for increased patient comfort.

Indications:

- * **Mild to severe unicompartmental osteoarthritis (OA)**
- * **Unicompartmental** knee conditions requiring load reduction.
- * All activity levels, non contact

