



GUARDIAN

PCL

REHABILITATOR™

*Wearable Rehabilitation Technology...
Walk Your Way to a Stronger,
Healthier Knee*

**IMPROVE PATIENT
OUTCOMES!**

- Rehabilitation of Posterior Cruciate Ligament (PCL) injury / surgery
- Increases quadriceps and hamstring strength
- Accelerates recovery
- Provides superior support, comfort and stability
- Reduces pain and inflammation

800-375-0207

BRACE SELECTION	INDICATION	STABILITY	PAIN RELIEF	STRENGTHENS QUADRICEPS AND HAMSTRINGS	ELIMINATES QUADRICEPS AVOIDANCE GAIT	GAIT RETRAINING WITH RETAINED EFFECT
PCL REHABILITATOR™	Accelerate Recovery from Injury/Surgery	✓	✓	✓	✓	✓
COMPETITIVE PCL BRACE	PCL Support	✓	✓			

The **PCL REHABILITATOR™** brace was developed for people with PCL knee injuries including acute, chronic and post-operative conditions, as well as various knee instabilities. This brace offers superior support and stability to the knee while re-establishing a normal gait pattern to strengthen weakened leg muscles and accelerate recovery.

The **PCL REHABILITATOR™** provides gait correction to overcome post injury/surgery Quadriceps Avoidance Gait, the primary causal factor in muscle strength loss post operatively. Muscle activation is increased while simply walking in the Rehabilitator™, significantly strengthening the quadriceps and hamstrings over time. Use of a Rehabilitator™ knee brace has been clinically shown to improve quadricep strength by 54% and hamstring strength by 28% after 90 days of brace wear. This is significantly higher than strengthening by exercise alone. By improving leg strength, recovery can be accelerated, and the patient can return to functional activities more quickly.



- Patented dynamic dual **SWING ASSIST™** provides an extension assist during gait to effectively treat Quadriceps Avoidance Gait. The extension assist re-establishes a normal gait pattern post injury / surgery, enhancing the rehabilitation process of quad activation through a more functional neuromuscular re-education approach. By assisting the quad in the open chain component of gait, the stride is lengthened, allowing a proper closed chain (eccentric loading) component and re-establishing the proper muscle firing sequence facilitating leg strengthening and unbraced gait normalization with routine use.
- Unique adjustable **Pneumatic Bladder System** at the calf provides an anterior directed force that reduces the load on the PCL. The calf air bladder, when inflated, applies a controlled anterior dampening force on the tibia as the knee goes through flexion, significantly reducing stress on the PCL.
- Unique adjustable **Pneumatic Bladder System** at the knee provides therapeutic compression and support at the knee joint, reducing pain and inflammation while providing excellent medial, lateral and rotational control of the knee during gait.
- Polycentric **ROM Control Hinge** allows for precise control of extension and flexion if needed.
- **Rotating Thigh Cuff** combined with the air bladder system and semi-rigid frame provides dynamic conformability to the leg during gait to maximize comfort and prevent brace migration.



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Call **800-375-0207**
to order or for more information.