



DONJOY[®]
DEFIANCE[®] PRO

enovis[™]

The Undisputed Market Leader

DonJoy's Defiance® has been the world's leading custom knee brace for over 20 years. Over 2 million Defiance braces have been prescribed to elite professional athletes, middle-school soccer players, and athletes of all shapes, sizes, ages and genders.

Now, Defiance PRO pushes our dominance even farther, boasting the greatest strength-to-weight ratio of any knee brace on the market.

Professional athletes choose Defiance PRO for the ultimate confidence and freedom to move.



NEW LOW-PROFILE DESIGN:

The trusted high-performance carbon fiber frame now lighter and 5mm lower profile than Defiance Classic

The Defiance® PRO can be custom-built and shipped within 24 hours



NEW C-6 LINER MATERIAL:

Soft to the touch, moisture wicking and anti-microbial



LESS THAN 600g:

Custom carbon fiber frame is built tough

NEW SILICONE CONDYLE PADS:

Comfortably help keep the brace in place

MEMORY FOAM CONDYLE PADS:

Contour to the knee (not shown)

SWIVELING INTERNALLY MOUNTED STRAPS:

Intimate fit around the anatomy for a lighter, more comfortable feel and improved anti-migration

NEW SOFT TOUCH STRAP ENDS:

Flexible and strong hold keeps straps secure



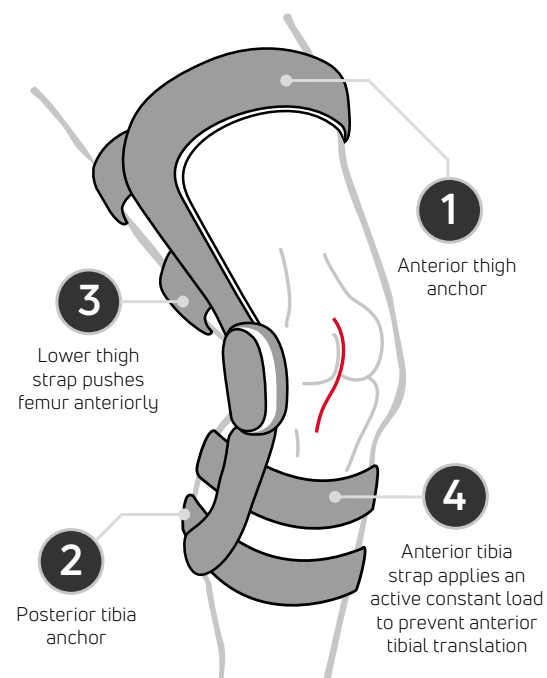
Our technology drives us ahead of the competition

We study body mechanics and listen to athletes. We consult physicians and push the envelope of technological innovation.

Our braces combine the most advanced technology, strongest materials and highest craftsmanship. Of course, all of our knee ligament braces are constructed for excellent medial support to aid MCL and LCL indications.

DONJOY® IS THE MOST-PRESCRIBED CUSTOM BRACE IN SPORTS.

Clinically proven ACL protection: Four-Points-of-Leverage™ System



DonJoy was first in the market to offer the game-changing Four-Points-of-Leverage™ System, which is clinically proven^{1,3} to help decrease ACL strain by at least 50%.

- Helps decrease ACL strain by at least 50%^{1,2,3}
- Significantly reduces tibial rotation vs unbraced and sleeved groups⁴
- Increases patient confidence after ACL reconstruction⁵

By changing the strapping system, our technology helps allow posterior femoral loading for PCL injuries.

DonJoy® FourcePoint™ Hinge

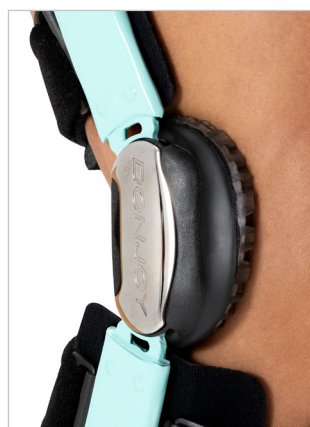
FourcePoint™ hinge increases flexion angles, reducing anterior shear forces and strain on the ACL and thus significantly decreasing the chance of injury.^{6,7,8,9}

- Helps keep both knees out of the at risk position^{6,8,9}
- NO significant performance limitations⁶
- Improves joint mechanics of both knees post ACL surgery.^{6,9}



FOURCEPOINT ACL:

This patented hinge design helps protect the ACL by incorporating a dampening mechanism in the last 25° of extension to help keep the knee out of the at risk position and increase the posterior tibial load.



FOURCEPOINT PLUS:

The Plus hinge provides ACL protection benefits of the FourcePoint hinge with a reinforced steel outer plate ideally suited for the rigors of high-impact or collision sports



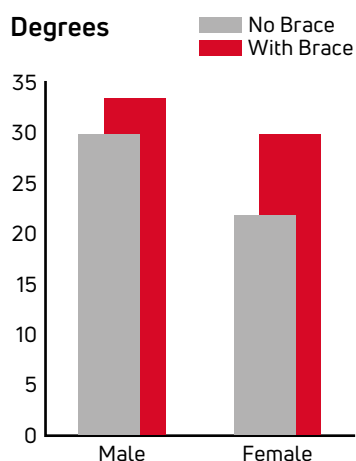
OA ADJUSTABLE HINGE:

The custom OA frame offers 1 to 7 degrees of off-load. The telescoping hinge helps provide additional off-loading up to 3 degrees. The memory foam condyle pads are included for increased patient comfort and compliance.



STANDARD LOW-PROFILE HINGE:

The polycentric hinge stabilizes the knee while matching natural knee kinematics. Polycentric hinges also maximize the anterior/posterior and varus/valgus stabilizing forces of the brace. This can be used for ACL, PCL, combined instability, MCL, or LCL indications.



FLEXION ANGLE AT LANDING:

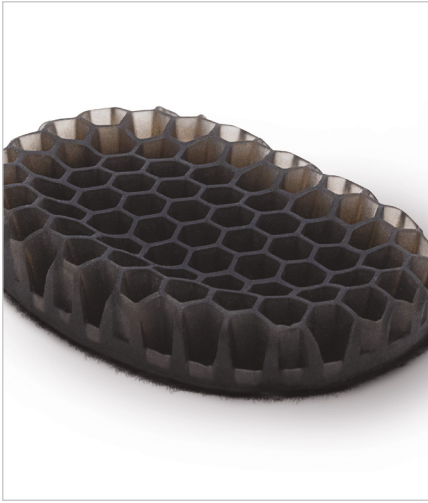
The anterior shear force applied on the tibia was reduced by 9% for females and 13% for males⁴

The decrease in anterior shear force on the tibia should substantially reduce the load on the ACL.^{2,4}

REFERENCES:

1. Beynnon BD, Pope MH, Wertheimer CM, Johnson RJ, Fleming BC, Nichols CE, Howe JG. Journal of Bone & Joint Surgery. Am. 1992; 74:1298-1312.
2. Beynnon BD, Johnson RJ, Fleming BC, Peura G, Renstrom PA, Nichols CE. American Journal of Sports Medicine. 1997; 25(3):353-360.
3. Fleming BC, Renstrom PA, Beynnon BD, Engstrom B, Peura G. The Influence of Functional Knee Bracing on the Anterior Cruciate Ligament Strain Biomechanics in Weightbearing and Nonweightbearing Knees. American Journal of Sports Medicine. 2000; 28 (6): 815-824.
4. Giolis D et al. Knee braces can decrease tibial rotation during pivoting that occurs in high demanding activities. Knee Surg Sports Traumatol Arthrosc. 2011 Aug;19(8): 1347-54
5. Risberg MA, Beynnon BD, Peura GD, Uh BS. Proprioception after anterior cruciate ligament reconstruction with and without bracing. Knee Surg Sports Traumatol Arthrosc. 1999;7(5):303-9
6. Lin CH, Liu H, Garrett WE, Yu B. Effects of Knee Extension Constraint Brace on Selected Lower Extremity Motion Patterns During a Stop-Jump Task. Journal of Applied Biomechanics. 2008;4:158-165.
7. Markolf KL, Gorek JF, Kabo JM, et al. Direct measurement of resultant forces in the anterior cruciate ligament. Journal of Bone & Joint Surgery. Am. 1990; 72:557-567.
8. Stanley C, Creighton R, Gross M, Garrett W, Yu B. Effects of a Knee Extension Constraint Brace on Lower Extremity Movements after ACL Reconstruction. Clinical Orthopaedics and Related Research. 2011; 469(6):1774-1780.
9. Yu B, Herman D, Preston J, Lu W, Kirkendall DT, Garrett WE. Immediate Effects of a Knee Brace with a Constraint to Knee Extension on Knee Kinematics and Ground Reaction Forces in a Stop-Jump Task. American Journal of Sports Medicine. 2004;32:1136-1143. Nunley et al. 2003
10. Nunley RM, Wright DW, Renner JB, Yu B, Garrett WE. Gender Comparison of Patella-Tendon Tibial Shift Angle with Weight-Bearing. Res Sports Med. 2003; 11:173-185.

Customize your brace more with accessories and team colors



NEW SILICONE CONDYLE PAD



MEMORY FOAM CONDYLE PAD



AIR CONDYLE PAD



COMPRESSION KNIT UNDERSLEEVE



LYCRA® UNDERSLEEVE



TRU-PULL ATTACHMENT



CALF PINCH GUARD



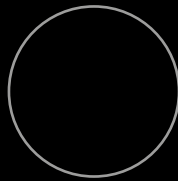
IMPACT GUARD



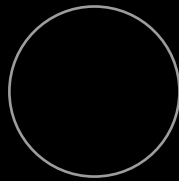
SPORTS COVER



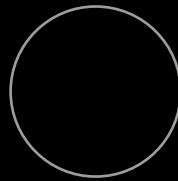
Defiance® Pro
(shown in Seafoam)



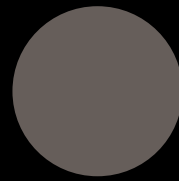
Black
Gloss



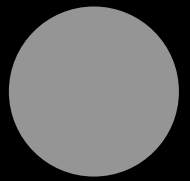
Black
Matte



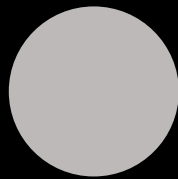
Metallic Black
Gloss



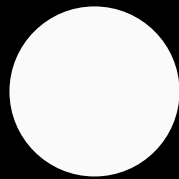
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Gloss



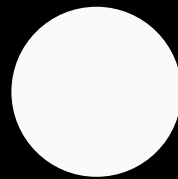
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Gloss



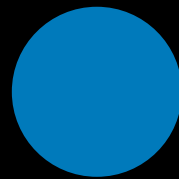
Smoke
Matte



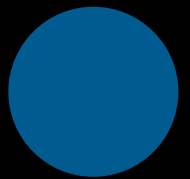
White
Gloss



Metallic White
Gloss



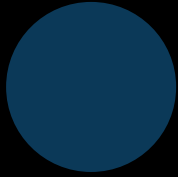
Bright Blue
Gloss



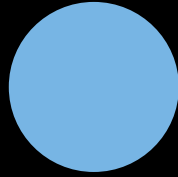
Metallic Bright Blue
Gloss



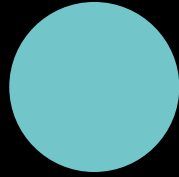
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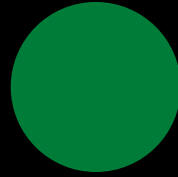
Metallic Navy
Gloss



Powder
Gloss



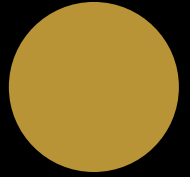
Seafoam
Gloss



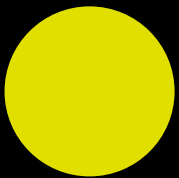
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Gloss



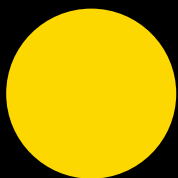
Metallic Forest
Gloss



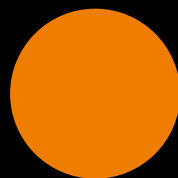
Metallic Gold
Gloss



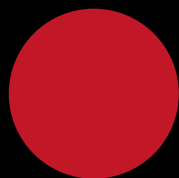
Volt
Gloss



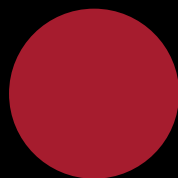
Bumble
Gloss



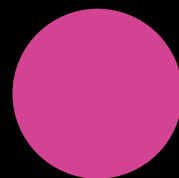
Safety
Gloss



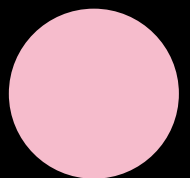
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Gloss



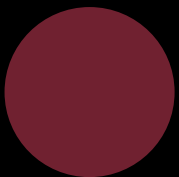
Metallic True Red
Gloss



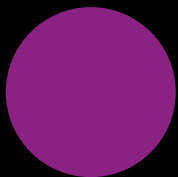
Fuchsia
Gloss



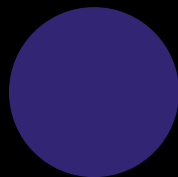
Cotton Candy
Gloss



Crimson
Gloss



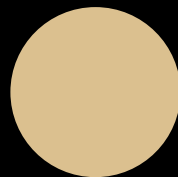
Grape
Gloss



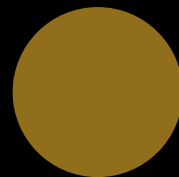
Velvet
Gloss



Olive Drab Green
Matte



Desert Tan
Matte



Flat Dark Earth
Matte

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