



**DONJOY®**

**DEFIANCE®**





# DEFIANCE®

REPRESENTS DONJOY'S FLAGSHIP CUSTOM KNEE LIGAMENT BRACE, OFFERING A PERFECT FIT FOR EVEN THE MOST CHALLENGING ENVIRONMENTS.

## PATIENTS

- Active Adolescents
- Active Adults

## INDICATIONS

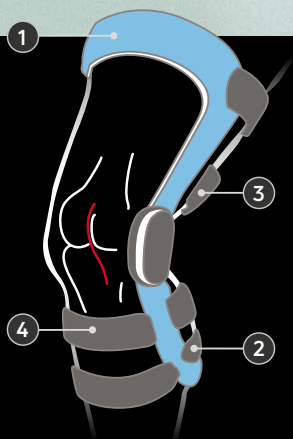
- Hyperextension
- Moderate to severe ACL or PCL instabilities
- ACL / PCL combined instabilities (CI)
- MCL / LCL instabilities
- ACL or PCL reconstructions
- Prophylactic use

## FEATURES & BENEFITS

- Clinically-proven FourcePoint Hinge technology keeps the knee out of the at-risk position
- Clinically-proven 4-Points-of-Leverage decreases ACL strain by at least 50%<sup>13</sup>
- Custom fabricated
- Strong, lightweight carbon composite frame
- Swooping Thigh Cuff for inner thigh clearance and bilateral brace use
- Fource Point hinge and stainless steel gears come with a lifetime warranty

## OPTIONS

- Patented clinically-proven FourcePoint hinge technology (stop kit not included)
- More than 30 colour and design options
- Metal Caps - PowerCaps (recommended for contact sports)
- High strength stainless steel gears (recommended for contact sports)
- ACL, PCL, or Combined Instability (CI) strap configurations
- Standard or short frames available
- Hinges available in: FourcePoint™, FourcePoint™ Plus, Standard Low Profile or DropLock styles



## FOUR POINTS OF LEVERAGE™

The rigid anterior thigh and posterior calf cuffs combined with a specific strapping sequence, provide four-points-of-leverage shown to help DECREASE ACL STRAIN BY AT LEAST 50%.<sup>13</sup>

1. Anterior thigh anchor
2. Posterior tibia anchor
3. Lower thigh strap helps push femur anteriorly
4. Anterior tibia strap applies an active constant load to help prevent anterior tibial translation



**A CUSTOM BRACE MADE JUST FOR YOU**

## IN A COLOUR THAT MAKES IT ALL YOURS.

DonJoy® Defiance® custom-made braces are built precisely for the way you play. Our specially trained bracing experts personally measure and fit you for an individualized brace made specifically to your needs.

No other brace fits exactly like your Defiance—or looks like it. Defiance braces are available in more than 30 colour and design options so your brace is personalized inside and out. Solid neutrals, mattes or metallics, or vibrant glossy colours - it's your call.

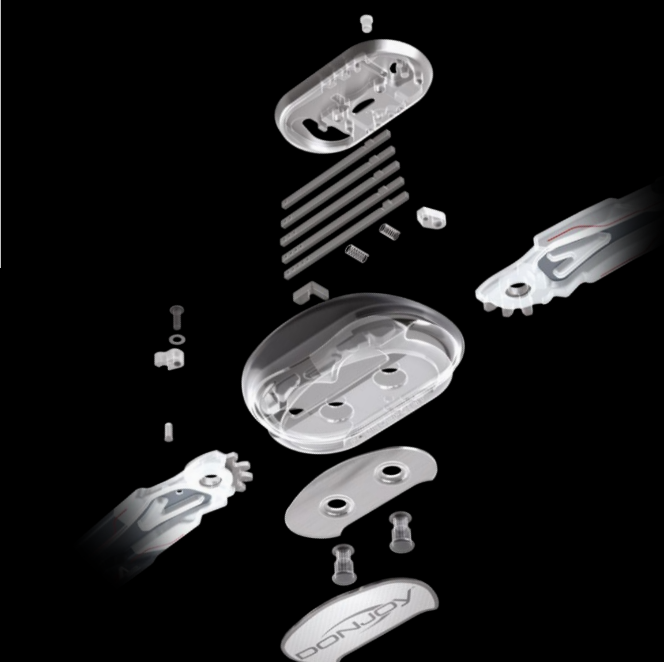
Choose the world's leading custom knee brace, and make it your own.

<b>BLACK</b> gloss	<b>BLACK</b> matte	<b>METALLIC BLACK</b> gloss	<b>METALLIC GUNMETAL</b> gloss	<b>METALLIC SILVER</b> gloss
<b>SMOKE</b> matte	<b>WHITE</b> gloss	<b>METALLIC WHITE</b> gloss	<b>BRIGHT BLUE</b> gloss	<b>METAL BRIGHT BLUE</b> gloss
<b>NAVY</b> gloss	<b>METALLIC NAVY</b> gloss	<b>POWDER</b> gloss	<b>SEAFOAM</b> gloss	<b>EMERALD</b> gloss
<b>METALLIC FOREST</b> gloss	<b>METALLIC GOLD</b> gloss	<b>VOLT</b> gloss	<b>BUMBLE</b> gloss	<b>SAFETY</b> gloss
<b>TRUE RED</b> gloss	<b>METALLIC TRUE RED</b> gloss	<b>FUCHSIA</b> gloss	<b>COTTON CANDY</b> gloss	<b>CRIMSON</b> gloss
<b>GRAPE</b> gloss	<b>VELVET</b> gloss	<b>OLIVE DRAB GREEN</b> matte	<b>DESERT TAN</b> matte	<b>FLAT DARK EARTH</b> matte

### FOURCEPOINT™ HINGE

RESISTANCE ENGAGES IN THE LAST 25°  
OF EXTENSION HELPING TO KEEP THE  
KNEE OUT OF THE AT-RISK POSITION.

- DECREASES peak posterior ground reaction force (PPGRF) during stop jump task landing and side cutting activities<sup>2</sup>
- INCREASED FLEXION ANGLES<sup>4</sup>
- NO SIGNIFICANT PERFORMANCE
- LIMITATIONS were associated with knee bracing with FourcePoint hinge technology<sup>2</sup>
- TRAINING EFFECTS RETAINED by about 50% while not wearing the brace (when training with FourcePoint hinge technology)<sup>5</sup>



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Measurements taken with CCMI Mark III or casted in weight bearing.

SIZE	THIGH	CALF
Minimum	31.8 cm (12½")	26 cm (10¼)
Maximum	97 cm (38⅞")	66.5 cm (26¼")

ACCESSORIES	DESCRIPTION	SIZE
11-0075-x-00000	Lycra® Suspension Sleeve	S-XXL
11-0122-x	Neoprene Suspension Sleeve	XS-XXL
11-1006-x-06000	Impact Guard	S-XXL
11-1367-9-06000	Calf Pinch Guard	Universal
11-0398-9-00000	Full Extension Stop	Universal
25-0422-0-00000	Flexion / Extension Stop Kit	Universal
11-0103-x-06000	Sports Brace Cover (short)	S-XXL
11-0016-x-06000	Sports Brace Cover (standard)	S-XXL
	Suede Strap Pad Kit	Universal
	Suede Liner Kit	Universal
	Chamois Strap Pad Kit	Universal
	Chamois Liner Kit	Universal
25-1923-0-06000	Air Condyle Kit	Universal
25-1480-0-00000	Brace Bag	Universal
11-1525-x	Tru-Pull Advance Attachment	XS-XXXL
11-1415	Sili-Grip Strap Pad Kit	Universal
11-0543-x-06000	Neoprene Suspension Strap Kit	1=XS, 2=S/M, 3=L/XL/XXL

1. Beynon BD, Pope MH, Wertheimer CM, Johnson RJ, Fleming BC, Nichols CE, Howe JG. Journal of Bone & Joint Surgery, Am. 1992; 74:1298-1312.

2 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.

3. Beynon BD, Johnson RJ, Fleming BC, Peura G, Renstrom PA, Nichols CE. The Effect of Functional Knee Bracing on the Anterior Cruciate Ligament in the Weightbearing and Nonweightbearing Knee. American Journal of Sports Medicine. 1997; 25(3):353-360.

4. 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. AJSM. 2004; 32:1136-1143.

5. Yu B. Training Effects of Knee Extension Constraint Brace on Lower Extremity Motion Patterns and the Risk for Non-Contact ACL Injury. Feagin Leadership Forum. Duke Sports Medicine Center, 2010.

Individual results may vary. Neither DJO Global, Inc. nor any of its subsidiaries dispense medical advice. The contents of this brochure do not constitute medical, legal, or any other type of professional advice. Rather, please consult your healthcare professional for information on the courses of treatment, if any, which may be appropriate for you.



DJO® Global | 1a Guildford Business Park | Guildford | Surrey | GU2 8XG | UNITED KINGDOM

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