



DONJOY®

OA BRACING

A woman in a black tank top and shorts is running towards the camera, wearing a black and grey knee brace on her right knee. In the background, a man in a grey tank top and shorts is running away from the camera. The scene is set outdoors with green trees and a blue sky with light clouds.

THERE IS NO CURE FOR OA
BUT THERE IS HOPE

DJO® is committed to making a difference for those suffering with OA by providing an innovative approach to OA healthcare:

POWERING MOTION.™

That is why we're dedicated to helping patients realize the tremendous health benefits of regular physical activity, which as part of a healthy lifestyle, may help to reduce the risk of hypertension, obesity, diabetes, high blood pressure, high cholesterol and depression and contribute to extended life span, healthier joints and better sleep.

3-POINT OFF-LOADING

WE MECHANICALLY SHIFT WEIGHT AWAY FROM THE DAMAGED PART OF THE KNEE TO HELP ADDRESS FOUR COMMON RELIEF POINTS FOR THOSE SUFFERING FROM OA*

PAIN:

Pain caused from OA of the knee can create barriers to motion both psychological and physical. Addressing immediate pain issues is essential to getting active.

ALIGNMENT:

If the body's alignment is not correct, it can create wear on joints that can cause pain. Incorrect alignment can be natural, can come from an injury or can be the result of the body compensating for pain.

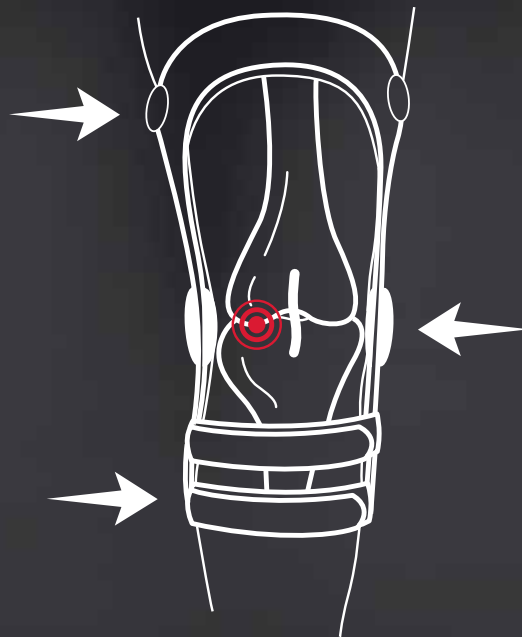
STRENGTH:

As knee pain increases, the body compensates to avoid the pain. Quadriceps stop firing and more pressure is put on joints exacerbating the situation. Maintaining strength in key muscle groups is critical to reversing the path of degeneration and getting back in motion.

INSTABILITY:

Instability can be real, whether from injury or from OA, and it can also be perceived, as when sharp pain creates the impression of instability. Real or perceived, instability can be a barrier to motion.

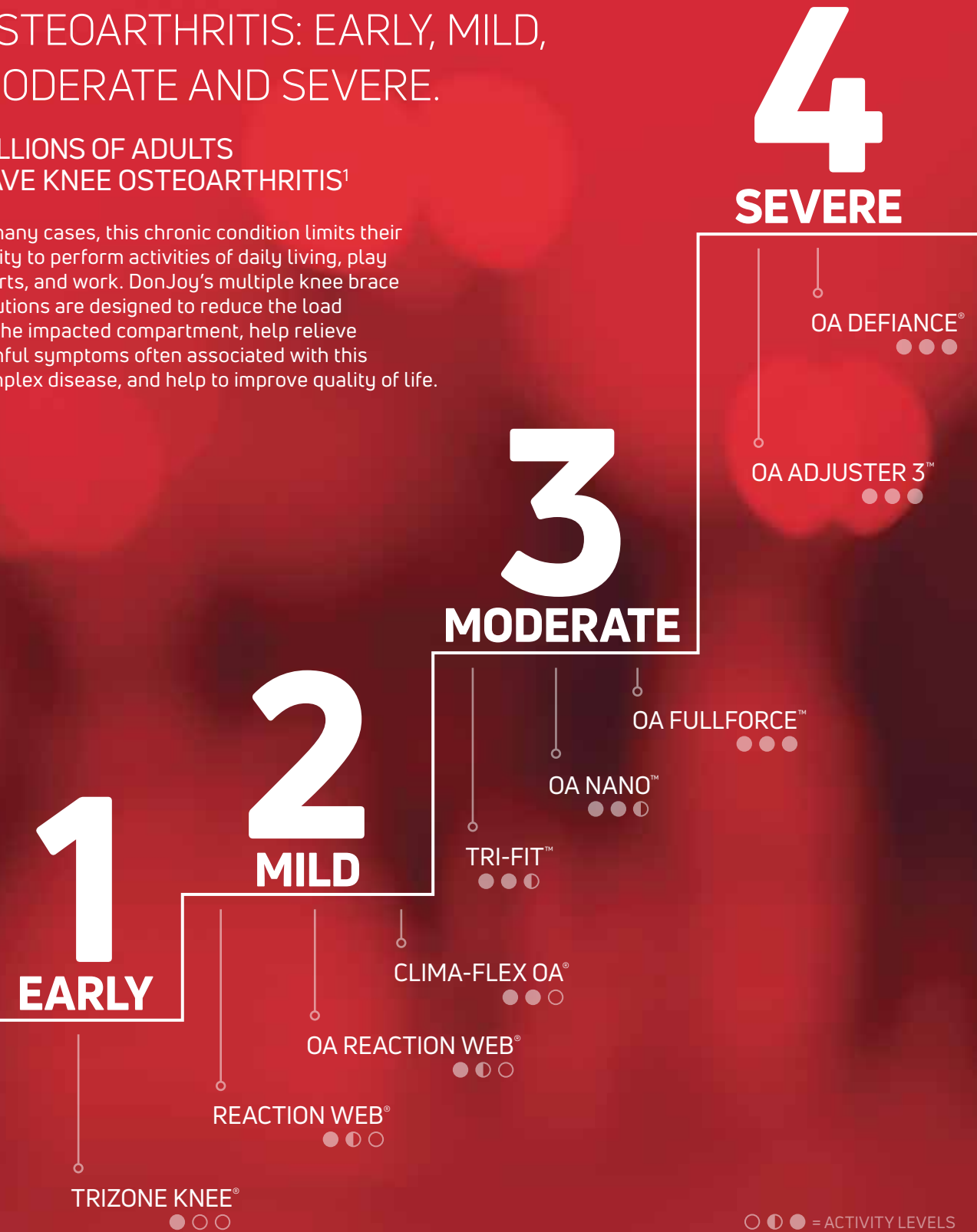
Every DonJoy® OA knee brace can off-load either the medial or lateral compartment and incorporate load adjustment mechanisms that allow patients to fine tune their brace to meet their daily needs.



DONJOY® OFFERS PRODUCTS TO AID IN ALL STAGES OF KNEE OSTEOARTHRITIS: EARLY, MILD, MODERATE AND SEVERE.

MILLIONS OF ADULTS HAVE KNEE OSTEOARTHRITIS¹

In many cases, this chronic condition limits their ability to perform activities of daily living, play sports, and work. DonJoy's multiple knee brace solutions are designed to reduce the load on the impacted compartment, help relieve painful symptoms often associated with this complex disease, and help to improve quality of life.



PATIENT-READY BRACES

ALL OF OUR RIGID, PATIENT-READY KNEE BRACES ARE CONSTRUCTED OF A MALLEABLE METAL ALLOY THAT CAN BE FORMED TO MATCH THE PATIENT'S THIGH AND/OR CALF SHAPE.

EVERY DONJOY® RIGID PATIENT-READY KNEE BRACE COMES WITH A 1 YEAR WARRANTY ON THE FRAME AND HINGE(S) AND A 6 MONTH WARRANTY ON SOFT GOOD MATERIALS

OA NANO™ MIGHTY. LIGHT.
WORLD'S LIGHTEST** FUNCTIONAL
OA KNEE BRACE AVAILABLE.

**Weight based on L1845 PDAC coded, double-upright rigid knee brace for mild to moderate OA (brace size-medium)

LEVEL 1: EARLY OA

TRIZONE® KNEE

Silicone reinforced compression helps target knee pain.³ TriZone Technology for 3 zones of performance. Directional, wicking fibers provide Compression, Comfort and Cooling.

- DonJoy® combined two materials—compression knit and silicone—to create a lightweight, low-profile knee sleeve that helps deliver high-performance targeted pain relief
- TriZone Knee combines the benefits of proprioception and compression into one fast application

| PART NUMBERS | DESCRIPTION |
|--------------|-------------|
| 11-9124-X | Right |
| 11-9125-X | Left |



LEVEL 2: MILD OA

REACTION WEB®

Uses an innovative web approach for absorbing shock to help relieve knee pain caused by Chondromalacia, Patellar Tendonitis/Tendinosis, and general Patellofemoral tracking issues.

- Shock-absorbing web that shifts peak loads away from the painful area of the knee and stabilizes the patella on all sides to help ensure proper tracking position
- Flexible dual-axis hinges that work in conjunction with the elastomeric web for fit and support
- Breathable comfort from an open framework and mesh backing
- Available in sizes XS-XXL, and in a variety of colors: grey, pink-09000, red-01000, and blue-02000

| PART NUMBERS | DESCRIPTION |
|-----------------|-----------------------------------|
| 11-0215-2-XXXXX | XS/S 13" - 18.5" (33 - 47 CM) |
| 11-0215-3-XXXXX | M/L 18.5" - 23.5" (47 - 60 CM) |
| 11-0215-4-XXXXX | XL/XXL 23.5" - 29.5" (60 - 75 CM) |
| 11-0215-5-XXXXX | XXXL 29.5" - 31" (75 - 79 CM) |

L1812(OTS), L2795



LEVEL 2: MILD OA

OA REACTION WEB®

A discreet aid for osteoarthritis knee pain. The OA Reaction Web® brace is a way to help treat osteoarthritis knee pain utilizing patented silicone web technology. By combining the web technology with a rigid off-loading bar, OA Reaction helps address both patella OA as well as either medial or lateral joint pain. The easy to wear open framework is designed for a comfortable, non-slip fit.

- Lightweight, low-profile pain relief
- Silicone web technology
- Four-way, adjustable wraparound design
- Patented, integrated silicone
- Easy to wear

| PART NUMBERS | DESCRIPTION |
|--------------|--------------------|
| 11-7426-X | RIGHT MED/LEFT LAT |
| 11-7427-X | LEFT MED/RIGHT LAT |

L1812(OTS), L2795 (ADD ON)



LEVEL 3: MODERATE OA

TRIFIT™

Fit to Remarkable function. The TriFit takes the benefits of OA Reaction to another level using 3-dimension technology (Web, BOA® and Exos®). TriFit helps the active athletic patient address pain and stability both in the patella area as well as either the medial or lateral compartments. This brace offers an intimate and custom fit, designed to help reduce joint stiffness and pain by heightening shock absorption and dampening painful force and pressure.

- Web Tech™ wraps your knee in a soft, supportive web for assisted patella tracking and absorption of painful forces
- BOA® Tech adjusts further with micro tension capabilities for a secure and snug fit
- Exos® Tech forms to your knee using heat customization for an intimate fit

| PART NUMBERS | DESCRIPTION |
|--------------|--|
| 11-1746-X | OA REACTION TRIFIT WEB BRACE, RIGHT MEDIAL |
| 11-1747-X | OA REACTION TRIFIT WEB BRACE, LEFT MEDIAL |

L1851(OTS), L1843(CTS)



LEVEL 2-3: MILD TO MODERATE OA

CLIMA-FLEX®

Clima-Flex® OA helps offer a comfortable, cooling relief through compression and off-loading for patients with mild to moderate OA. Clima-Flex® OA is sleek and ideal for light activities such as walking, golf, or hiking.

- C-6 technology™ advanced cooling material
- Keyless, dual dial off-loading
- E-Z wraparound application
- Snug fit & control

| PART NUMBERS | DESCRIPTION |
|--------------|-----------------------------------|
| 11-8810-X | CLIMA-FLEX OA, RIGHT MED/LEFT LAT |
| 11-8811-X | CLIMA-FLEX OA, LEFT MED/RIGHT LAT |

L1851



LEVEL 3: MODERATE OA

OA NANO™

Mighty. Light. Powered by nanoMAG™ and DonJoy's Adjuster™ technology, DonJoy® OA Nano arthritis knee brace is the world's lightest** functional OA knee brace available. Even with this light weight, OA Nano helps provide powerful off-load through a wider range of motion by using the unique adjuster mechanism—so your patients can keep moving forward.

- Light as air (only 14.2oz)
- Unlimited comfort
- Stays in place
- Dependable off-loading
- 4-Points-of-Leverage™ System

| PART NUMBERS | DESCRIPTION |
|--------------|---------------------|
| 11-1214-X | OA NANO, MEDIAL RT |
| 11-1215-X | OA NANO, MEDIAL LT |
| 11-1216-X | OA NANO, LATERAL RT |
| 11-1217-X | OA NANO, LATERAL LT |

K0901(OTS), L1845(CTS), L1852(OTS), L1845(CTS)



**Weight based on L1845 PDAC coded, double-upright rigid knee brace for mild to moderate OA (brace size-medium)

LEVEL 3: MODERATE OA

OA FULLFORCE™

DonJoy's lightweight OA knee brace helps off-load the affected compartment of the knee while aiding in the reduction of ligament strain, allowing active patients to go more miles with less pain. The pain of early OA can get in the way of a healthy lifestyle. Keep your patients moving and strong and help prolong the degenerative process of OA.

- 3-Point Off-Loading mechanically helps shift the painful joint loads from the degenerative compartment to the healthy compartment, while the hinge allows the ability to fine-tune the load
- 4-Points-of-Leverage™ is clinically shown to help reduce ACL strain by keeping the knee in a stable position to minimize further cartilage damage
- DonJoy's lightweight OA frame provides a snug comfortable fit, allowing maximum knee function

| PART NUMBERS | DESCRIPTION |
|--------------|---------------|
| 11-1578-X | MEDIAL RIGHT |
| 11-1579-X | MEDIAL LEFT |
| 11-1580-X | LATERAL RIGHT |
| 11-1581-X | LATERAL LEFT |

L1845, L1852



CUSTOM BRACING

DESIGNED FOR THE ACTIVE OA PATIENT, EXTREMELY LIGHTWEIGHT AND DURABLE

LEVEL 4: SEVERE OA

OA ADJUSTER 3™

Mighty. Tough. The improved OA Adjuster™ 3 is powered by nanoMAG™ and reinforced with a tough aluminum frame making it durable and functional DonJoy® OA knee brace.

- Adjuster technology
- Lightweight and tough
- Functional comfort
- 4-Points-of-Leverage™ System
- Contoured calf cuff
- Anti-migration band & strap pads

| PART NUMBERS | DESCRIPTION |
|--------------|-------------|
| 11-1590-X | RIGHT MED |
| 11-1591-X | LEFT MED |
| 11-1592-X | RIGHT LAT |
| 11-1593-X | LEFT LAT |

K0901(OTS, L1845(CTS), L1852(OTS, L1845(CTS)



LEVEL 4: SEVERE OA

OA DEFIANCE®

DonJoy's premier custom OA product. It is designed for the active OA patient, is extremely lightweight, and provides durable support for moderate to severe levels of osteoarthritis. The bilateral hinge bars offers support for ligament instabilities and work in conjunction with a patented telescoping condyle pad which helps put the load control in the hands of the patient.

- 4-Points-of-Leverage™ System
- 1° to 7° of correction
- Patient controlled Telescoping Condyle Pad can be built into the frame at time of measurement
- 24-hour turnaround time
- Over 30 custom frame colors and graphics
- Swooping thigh cuff
- Swiveling strap tabs
- Reinforced carbon composite frame
- Provides additional force to customize control and pain relief forces

EVERY DONJOY CUSTOM OA KNEE BRACE COMES WITH A 5 YEAR WARRANTY ON THE FRAME AND HINGE(S) AND A 6 MONTH WARRANTY ON SOFT GOOD MATERIALS.



ORDERING INFORMATION

PATIENT-READY BRACES

| BRACE SIZE | MEASURE THIGH CIRCUMFERENCE 6" ABOVE MID-PATELLA |
|--------------|--|
| X = 1 = XS | 13" - 15.5" (33 - 39 CM) |
| X = 2 = S | 15.5" - 18.5" (39 - 47 CM) |
| X = 3 = M | 18.5" - 21" (47 - 53 CM) |
| X = 4 = L | 21" - 23.5" (53 - 60 CM) |
| X = 5 = XL | 23.5" - 26.5" (60 - 67 CM) |
| X = 6 = XXL | 26.5" - 29.5" (67 - 75 CM) |
| X = 7 = XXXL | 29.5" - 32" (75 - 81 CM) |

OA DEFIANCE /FULLFORCE STOP KIT PART NUMBER

| | |
|--|-----------------|
| FLEXION/EXTENSION STOP KIT: INCLUDES OA & STD. EXTENSION = 0, 20, 30, 40 DEGREES FLEXION = 45, 60, 75, 90 DEGREES | 25-2332-0-00000 |
|--|-----------------|

FULL EXTENSION STOP KIT OA DEFIANCE PART NUMBER

| | |
|-------------------------------------|---------|
| FULL EXTENSION STOP KIT OA DEFIANCE | 11-1501 |
|-------------------------------------|---------|

OA ADJUSTER 3 AND NANO STOPS

| | |
|--|-----------------|
| FLEXION / EXTENSION STOP KIT: EXTENSION = 20, 30, 45 DEGREES FLEXION = 60, 75 DEGREES FLEXION / EXTENSION LOCKOUT | 25-1376-0-00000 |
|--|-----------------|

CUSTOM OA DEFIANCE® BRACE

| | |
|--|------------------------------------|
| YOUR BRACE WILL BE MEASURED AND MADE SPECIFICALLY FOR YOU USING OUR CCM MEASURING DEVICES BY ONE OF OUR SALES TEAM MEMBERS | PDAC ASSIGNED CODE: L1846 (CTS) |
|--|------------------------------------|

100% SATISFACTION GUARANTEED

TRY IT OUT IN REAL LIFE



SIMPLY FIT YOUR PATIENTS IN ANY DONJOY KNEE OSTEOARTHRITIS BRACE. IF THEY ARE NOT 100% SATISFIED WITH THE BRACE, YOU MAY RETURN IT FOR A FULL CREDIT OR REFUND WITHIN 90 DAYS OF BRACE FITTING.

*CLINICAL OA RESEARCH

EFFECTS OF AN UNLOADER KNEE BRACE ON KNEE-RELATED SYMPTOMS AND FUNCTION IN PEOPLE WITH POST-TRAUMATIC KNEE OSTEOARTHRITIS AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION® (OA ADJUSTER)

This study evaluated subjects that were 5-20 years post anterior cruciate ligament reconstruction (ACLR) with knee osteoarthritis (OA) to determine the immediate and four-week effects of an unloader knee brace on knee-related symptoms and performance-based function. Patients were tested without a brace, with an unadjusted unloader brace and with an adjusted unloader brace.

CONCLUSION: Knee confidence was improved in both adjusted and unadjusted braces immediately post operatively during the hop for distance test, and knee pain during the step-down test. After wearing the braces for four weeks (adjusted or unadjusted), perceived task difficulty, knee confidence and knee stability were improved during hop for distance, and knee pain, perceived task difficulty, confidence and stability were improved during step-downs.

UNLOADER BRACING FOR KNEE OA: A PILOT STUDY OF GAIT AND FUNCTION® (OA NANO)

Patients were blindly randomized using a computer generated algorithm to either receive an unloader brace or standard therapy. The matched cohort treatment consisted of self-directed exercise standard treatment, medication (nonsteroidal anti-inflammatories or opioids), and cortisone injections compared with a bracing cohort with OA knee unloader bracing. The aim of this study was to evaluate the efficacy of a novel lightweight knee OA unloader brace in comparison with standard modalities for pain and decreased function in Kellgren-Lawrence grade 1 and 2 osteoarthritis of the knee. Specifically, the following was assessed: (1) pain relief, (2) objective functional outcome, (3) subjective functional outcome, (4) assessment of quality of life, (5) isokinetic quadriceps muscle strength, and (6) gait changes

CONCLUSION: The study demonstrated that the knee OA unloader brace resulted in similar outcomes when compared with the current standard treatments used at the investigative site, which suggests that this may be a valuable adjunctive or alternative that is non-invasive and non-addictive.

REFERENCES:

- <https://www.cdc.gov/arthritis/basics/osteoarthritis.htm>
- Biomechanical and Clinical effects are beginning to show a "ladder of effectiveness" in managing knee pain and instability with different interventions at different stages and level of pain (Richards et al., 2015)
- J.K. Sinclair et.al. Physical Therapy in Sports, 2016 (1-6)
- Weight based on L1845 PDAC coded, double-upright rigid knee brace for mild to moderate OA (brace size-medium)
- The Knee Journal, Volume 23, Issue 1 (85-90) Harvi F. Hart, Kay M. Crossley, David C. Ackland, Sallie M. Cowan, and Natalie J. Collins January 2016
- Surgical Technology International XXVII Michael A. Mont, Md, Jeffrey J. Cherian, Do, Randa K. Elmallah, Md, Anil Bhawe, Pt, Walter B. Beaver, Jr., Md, Roland Starr, Ms, Steven F. Harwin, Md, FACS. October 7, 2015

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nanoMAG® is a registered trademark of Thixomat, Inc.



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Products with the Arthritis Foundation's Ease-of-Use Commendation are tested and proven to make daily tasks easier. Learn more at arthritis.org/easeofuse.