



# DonJoy® Transforms Patient-Physician Communication: Introducing the X4™ Smart Brace

*New Brace Innovation Featuring Motion Intelligence™ Provides Remote Patient Monitoring for Total Knee Procedures*

SAN DIEGO, CA, SAN DIEGO, April 20, 2018 /EINPresswire.com/ -- DonJoy, a leading provider of bracing and supports and part of the DJO® brand family, announces the launch of the X4™ Smart Brace with Motion Intelligence™, a revolutionary cloud-based remote patient monitoring solution. X4 with Motion Intelligence is the first knee brace for total knee arthroplasty that monitors patient recovery and compliance in real time, enabling on-demand, insightful patient/physician connectivity throughout the continuum of care.

During pre\_ and post\_op phases of reconstructive knee surgery, the digitally connected X4 smart brace with Motion Intelligence records patient data and transfers it from the patient app to the physician for review. X4 supports the knee while simultaneously allowing healthcare professionals to evaluate knee joint range of motion and rehabilitation compliance in real time.

“At DJO, we believe in powering motion. Our mission is to drive innovation keep patients moving,” said Brady Shirley, CEO, DJO. “We believe X4 with Motion Intelligence will set a new bar in enhancing positive outcomes for orthopedic patients and providers.”

X4 with Motion Intelligence is comprised of four innovative components:

- X4 Smart Brace: Features a comfortable, anatomical design with malleable aluminum hinges for support and adaptability to different leg shapes.
- Motion Intelligence 360 Sensor (embedded in the X4 Knee Brace): Enables on-demand monitoring of patients’ rehabilitation progress (range of motion), as well as exercise and activity levels (daily step count).
- Motion Intelligence App: With the easy-to-use app, patients can track rehabilitation goals, view daily exercises, record pain levels, and communicate directly with healthcare providers.
- Physician Portal: Gives providers access to patient information via an intuitive dashboard that monitors and tracks patient information and integrates EMR/PM and surgical site photos.

All information is stored and sent in the HITRUST certified MotionMD® platform, which means DJO meets and exceeds the highest requirements to create, access, store or exchange sensitive and/or regulated data.

In addition to remote monitoring of post-op rehabilitation, X4™ with Motion Intelligence™ also helps improve patient compliance and engagement by empowering at-home recovery and enhancing patient/physician communication, allowing for more collaborative, connected managed care.

“The DJO team is committed to helping patients realize the health benefits of motion and regular

physical activity ,” said Shirley. “We are uniquely positioned across the entire orthopedic continuum of care, we are proud to help patients and physicians truly work as a team, getting patients back to the activities they enjoy and the good health they deserve as quickly and safely as possible after total knee replacement.”

#### About Reconstructive Knee Surgery in the US

More than 600,000 knee replacements are performed each year in the United States, according to the American Academy of Orthopaedic Surgeons. 1 With an aging population staying in the workforce longer and obesity on the rise, demand for total knee replacement surgery is expected to exceed 3 million by the year 2030. In addition one in every two Americans will experience symptomatic knee osteoarthritis (OA) in their lifetime.<sup>2</sup> Patients diagnosed with knee OA are getting younger as compared to 20 years ago. <sup>3</sup>

#### About DJO

DJO is a leading global provider of medical technologies designed to get and keep people moving. The Company’s products address the continuum of patient care from injury prevention to rehabilitation after surgery, injury or from degenerative disease, enabling people to regain or maintain their natural motion. Its products are used by orthopedic specialists, spine surgeons, primary care physicians, pain management specialists, physical therapists, podiatrists, chiropractors, athletic trainers and other healthcare professionals. In addition, many of the Company’s medical devices and related accessories are used by athletes and patients for injury prevention and at-home physical therapy treatment. The Company’s product lines include rigid and soft orthopedic bracing, hot and cold therapy, bone growth stimulators, vascular therapy systems and compression garments, therapeutic shoes and inserts, electrical stimulators used for pain management and physical therapy products. The Company’s surgical division offers a comprehensive suite of reconstructive joint products for the hip, knee and shoulder. DJO Global’s products are marketed under a portfolio of brands including Aircast®, Chattanooga™, CMF™, Compex®, DonJoy®, ProCare®, DJO Surgical®, Dr. Comfort® and Exos ®. For additional information on the Company, please visit [www.DJOGlobal.com](http://www.DJOGlobal.com)

1 AAOS Website - <http://www.aanationinmotion.org/value/knee/>

2 <http://www.cdc.gov/arthritis>

3 Ann Intern Med. 2011 Feb. 15;154(4):217-26

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