At Zimmer Biomet, innovation is in our DNA and in 2012, we launched Persona® The Personalized Knee®. Designed with the ability to finetune the implant’s placement for optimal fit and function, Persona continues to be one of the most personalized knee systems in the industry,¹ and now, we’re taking the next step in orthopedic innovation.
We are proud to introduce the world's first and only smart knee implant **Persona IQ**.

By combining the power of Persona The Personalized Knee with canary canturio™te with CHIRP™ system, Persona IQ is smart, connected and simple. Persona IQ was designed to empower you with **Smart** post-operative metrics, ensure you’re **Connected** with your patients through the mymobility® Care Management Platform, and **Simple** to use with automated data flow and an intuitive user interface.
Through the mymobility platform, surgeons and care teams are provided remote access to key post-operative metrics throughout their patient’s surgical journey in order to monitor post-TKA activity levels between office visits.

By utilizing sensor-based technology, Persona IQ allows surgeons and care teams to collect patient-specific data during the course of patient monitoring. The smart sensor collects data several times a day, analyzes it overnight, and presents it for review the following day.
Persona IQ provides a direct view of patient-specific data for at least 10 years, allowing surgeons to monitor their patients' activity level between office visits. This way, they can stay connected during patients' total knee arthroplasty post-surgical care.

Additionally, patients may feel more connected in their recovery journey when they are able to follow their post-operative metrics — fostering higher patient interaction. Through the latest smart implant technology, patient can stay connected to their healthcare team, every step of the way.

The collection and utilization of patient-specific data is easy with Persona IQ. The long-term data is accessible through a simple to use intuitive interface for both patients and surgeons on the mymobility Care Management Platform.

Persona IQ with Canary Quantiles™ Recovery Curves is designed to support a deeper and broader analysis of patient recovery trends. Recovery Curves allow surgeons to view how a patient’s gait parameter data compares to patients like them. Recovery Curves are overlays of cohort recovery trends for the 5th, 10th, 25th, 50th, 75th, 90th, and 95th percentile to benchmark a patient’s individual progress post-operatively.
Persona IQ with the mymobility Care Management Platform

mymobility provides support and guidance to patients through a connected experience. It delivers continuous data, patient-reported feedback to facilitate care, outcomes and satisfaction about your patients’ surgical preparation and recovery.

**mymobility offers:**
- Persona IQ Dashboard Gait Metrics
- Education & Engagement
- PROMs Collection & Exception Notifications (Pain & Gait)
- Effortless Activity & Physiologic Tracking
- Pre- and Post-Operative Exercises
- Telemedicine (Virtual Video Visits) & Messaging

Not actual patient data.
Secure Data Flow

1. **PATIENT ENROLLMENT**
   - Patient qualified for Persona IQ by surgeon

2. **IMPLANTATION**
   - Implant and Activate Persona IQ

3. **DATA EXCHANGE**
   - Persona IQ data is transmitted to the patient’s Home Base Station and uploaded to the secure cloud once a day

4. **RECOVERY MONITORING**
   - Monitor post-operative recovery through the mymobility Care Management Platform

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**Data Collection in Secure Cloud**

- **QUALIFIED STEP COUNT**
  - Number of steps taken during a sampling day
  - 1201 steps

- **FUNCTIONAL RANGE OF MOTION**
  - Including tibial and functional knee ROM (degrees)
  - 52 degrees

- **STRIDE LENGTH**
  - Average distance traveled over one gait cycle (meters/feet)
  - 0.74 meters

- **DISTANCE TRAVELED**
  - Calculated based on step count and stride length (km/miles)
  - 0.89 km

- **WALKING SPEED**
  - Calculated based on cadence and stride length (meters/second)
  - 0.54 MPS

- **CADENCE**
  - Average steps taken per minute (steps/minute)
  - 85 steps

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**Secure Data Flow**

- Surgeon and Care Team Experience
- Patient Experience
The Canary Quantiles™ Recovery Curves software provides health care professionals (HCPs) with additional aggregate population data when managing a patient’s total knee arthroplasty (TKA) post-surgical care. HCPs can filter or select options for additional views based on patient demographics (e.g., age), to analyze trends and outcomes. The Canary Quantiles Recovery Curves software does not control the function or parameters of the Canturio™ Tibial Extension (CTE) with Canary Health Implanted Reporting Processor (CHIRP®) System and is not intended for active patient monitoring. The CTE with CHIRP System is intended to provide objective kinematic data from the implanted medical device during a patient’s total knee arthroplasty (TKA) post-surgical care. The kinematic data are an adjunct to other physiological parameter measurement tools applied or utilized by the physician during the course of patient monitoring and treatment post-surgery. The device is indicated for use in patients undergoing a cemented TKA procedure that are normally indicated for a 58mm sized tibial stem extension. The objective kinematic data generated by the CTE with CHIRP System are not intended to support clinical decision-making and have not been shown to provide any clinical benefit. The CTE with CHIRP System is compatible with Zimmer Biomet Persona® The Personalized Knee® System. ©2022 Canary Medical Inc.

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The objective kinematic data generated by the CTE with CHIRP System are not intended to support clinical decision-making and have not been shown to provide any clinical benefit. For indications, contraindications, warnings, precautions, potential adverse effects and patient counselling information, see the package insert or contact your local representative; visit www.zimmerbiomet.com for additional product information.

Patients must have Internet access and a text-capable mobile device or a compatible smartphone to use mymobility; not all smartphone app features are available with web-based version. Not all patients are candidates for the use of this product and surgeons should evaluate individually to determine which patients are appropriate for therapy at home. All names used in the mymobility app are fictitious.

No identification with actual patients or health care professionals is intended or should be inferred.

1. Zimmer Biomet Internal Market Model 2021

Customer Support:
Email: SmartKneeSupport@zimmerbiomet.com
Call: 844-799-8208

ZBBedge® is Dynamic Intelligence™
with the power to elevate and unlock the full potential of Zimmer Biomet’s cutting-edge digital technologies, robotics and implant solutions.