We are proud to introduce the world’s first and only smart knee implant Persona IQ.

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, and now, we’re taking the next step in orthopedic innovation.

By combining the power of Persona The Personalized Knee with canary caturio 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.
By utilizing sensor-based technology, Persona IQ allows physicians 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. The long-term data collection is automatically available for surgeon and care team review.

Persona IQ is a first-to-world smart knee implant that captures relevant gait metrics including functional knee range of motion (ROM), step count, and sampled average walking speed.

Through the mymobility dashboard, surgeons and care teams are provided remote access to key post-operative metrics throughout their patient’s surgical journey, in order to monitor activity level between office visits during post-TKA care.

Persona IQ provides a direct view of patient-specific data for at least 10 years, allowing surgeons to monitor their patients’ patient’s 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, patients will have knowledge that they’re 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 automatically available, through a simple to use intuitive interface for both patients and physicians to view on the mymobility Care Management Platform.
Persona IQ with the mymobility Care Management Platform

mymobility provides support and guidance to patients through a connected experience collecting the following metrics, all you have to do is enroll.

- Education & Engagement
- PROMs Collection Exceptions (Pain & Gait)
- Effortless Activity + Physiologic Tracking
- Pre- and Post-Operative Exercises
- Telemedicine (Virtual Video Visits) & Messaging

### Data Collection in Secure Cloud

- **STEP COUNT**: Number of steps taken during a sampling day
- **FUNCTIONAL RANGE OF MOTION**: Including tibia and functional knee ROM
- **STRIDE LENGTH**: Average distance traveled over one gait cycle (meters/feet)
- **WALKING SPEED**: Calculated based on cadence and stride length (meters/second)
- **CADENCE**: Average steps taken per minute (steps/minute)
- **DISTANCE TRAVELED**: Calculated based on step count and stride length (km/miles)

### 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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### Not actual patient data.
WARNING - The kinematic data from this device have not been demonstrated to have clinical benefit. It is not intended to be utilized for clinical decision-making, and no data have been evaluated by FDA regarding clinical benefits.