

PROTEOR
QUATTRO[®]
MICROPROCESSOR KNEE

INTELLIGENCE THAT MOVES WITH YOU

QUATTRO adapts to your unique gait, delivering **smoother** transitions and a more **intuitive** experience, so movement feels **natural**, and the only thing you feel is **in control**.



 PROTEOR

MOVING TO MEET MORE NEEDS



OUR NEW PATH FORWARD

Over the last year, PROTEOR experienced tremendous growth and change, particularly with the PROTEOR QUATTRO® MPK. As a result, we experienced some growing pains. To better serve you, we have made **significant improvements and investments** including **infrastructure enhancements**, improving and **centralizing processes and expansion of our support teams**.

WITH GROWTH COMES CHANGE

GOAL:	INVESTMENT:	STATUS:	
	Provide loaners faster	Increased loaner inventory and streamlined our processes.	QUATTRO loaners ship same day / next day .
	Meet demand faster	Relocated all manufacturing to our Center of Excellence in Gunnison, UT, which increased production capabilities and streamlined our supply chain.	New QUATTRO orders ship same day / next day .
	Reduce repair time	Relocated all repairs to our dedicated repair team in Gunnison, UT that has over 23 years of MPK experience.	Median repair turnaround time is 10 business days or less (from receipt to repair).
	Faster response time	Added new team members and implemented new support procedures.	Response time within 24 hours .



State-of-the-art manufacturing facility in Gunnison, UT.



Dedicated QUATTRO manufacturing and repair team.

COMFORT IN MOTION

Traditional MPK technology relies on **dual-valve** systems that open and close between steps, creating lag that disrupts motion and breaks rhythm.

QUATTRO is powered by a single, bidirectional **valve** capable of continuous resistance modulation. It reacts twice as fast and adjusts within milliseconds to stay in sync with user intent. The result is **smoother motions** that feel more **natural** and more **comfortable**.

**FASTER THAN YOUR BIOLOGICAL REFLEXES**

Three high-precision sensors trigger real-time, adaptive adjustments that make each transition feel truly intuitive.

- Angle sensor is 10x more sensitive than traditional MPKs.
- Angle sensor sampling rate is 2x greater than conventional designs.

SCHEDULE A TRIAL**ALWAYS ONE STEP AHEAD**

Remote firmware updates ensure your knee keeps getting better, just like you. Receive updates based on real-world usage and Snapshot* software.

Unlock new features, refine behavior, and deepen personalization for smarter performance making life easier.

*Patients opt in to share data.

**BUILT AROUND YOU**

Intelligent engineering that doesn't limit compatibility or control.

- **The most compact MPK:** At just 8.5", pair your knee with a wide range of prosthetic feet, ankles, and blades without compromising alignment or motion.
- **Personalized Activities:** Finely-tune adjustments and customization for daily routines or specialized activities.
- **Adaptive gait tuning:** Adjust your **QUATTRO** to your unique gait via the patient-friendly app.



18 subjects / 17 completed protocol

PROTEOR QUATTRO®
Microprocessor Knee
(MPK) significantly
improves specific
daily life activities

**MULTICENTER
RCT**
Evaluation of MPK
devices: A multicenter,
randomized
cross-over-trial

PRIMARY	EVALUATE SUBJECTS ABILITY TO ACHIEVE PERSONAL GOALS, INCLUDING LEVEL OF DIFFICULTY
SECONDARY	EVALUATE SATISFACTION AND QUALITY OF LIFE

METHOD

PRIMARY

Protocol approved by national ethics committee (Protocol ID-RCB 2022-A01266-37). Each subject compared QUATTRO to their typically worn MPK on:

ACTIVITIES OF DAILY LIVING

Patient-Specific Functional Scale (PSFS)

Subjects identified two specific activities they were unable to do, or were difficult to achieve, with their typically worn MPK.

Subjects were asked to rate the level of difficulty of their defined activities from 0 (unable to achieve) to 10 (able to achieve) on their typically worn MPK and QUATTRO.

SECONDARY

SATISFACTION

Prosthesis Evaluation Questionnaire (PEQ)

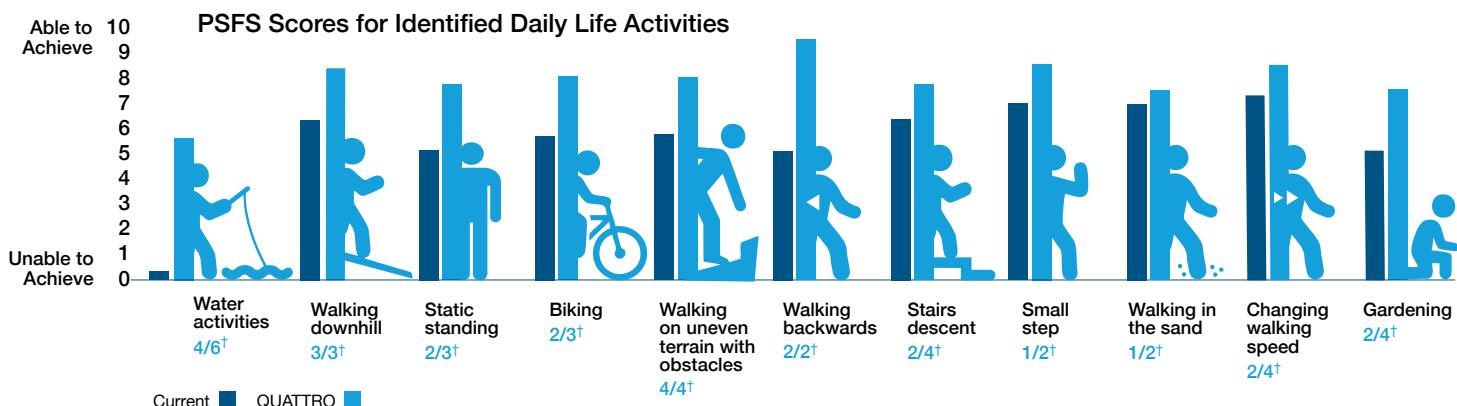
QUALITY OF LIFE

36-Item Short Form Survey (SF-36) to evaluate physical and mental health measures

KEY FINDINGS



Identified daily life activities improved with QUATTRO compared to their typically worn MPK*



*RCT, n=17, France, 2023-2024. †Number of users that increased their score with QUATTRO compared to typically worn MPK