



# PLIÉ3<sup>®</sup>

MICROPROCESSOR KNEE

## FACT SHEET

### Key Benefits Comparison

	Plié 3	C-Leg 4
<i>Microprocessor response time</i>	10 milliseconds	100 milliseconds
<i>Weight</i>	2.7 lbs	2.7 lbs
<i>Customized stumble recovery</i>	✓	
<i>Seamless variable speeds (incl: run and jog)</i>	✓	
<i>Fully Submersible</i>	✓	
<i>Ability to make manual adjustments</i>	✓	
<i>Interchangeable batteries</i>	✓	
<i>Ability to wear any foot under warranty</i>	✓	
<i>Remote access with manufacturer</i>	✓	✓
<i>Ability to generate a cadence report</i>	✓	✓
<i>Sitting mode*</i>		✓
<i>Standing mode**</i>		✓
<i>Made in the USA</i>	✓	

\*Sitting mode – knee moves to free flexion when it detects the user is seated; battery switched to saver mode  
 \*\*Standing mode – knee provides dampening in slightly flexed position when it detects the lack of movement

### Ottobock Claims vs Reality

(From C-Leg 4 vs Competition, Ottobock, 2015)

	C-Leg 4	Plié 3 TRUTH	Reality
<i>Real-time swing and stance control</i>	✓	✓	Both Plié 3 and C-Leg 4 have swing and stance control. Plié 3 samples data at rate of 1000Hz which is 10x faster than C-Leg 4. The speed of Plié 3 processor makes it Real Time.
<i>Reliable stance release on challenging surfaces</i>	✓	✓	Plié 3 releases on a wide range of challenging surfaces.
<i>Clinically proven stumble recovery</i>	✓	✓	In various head to head clinical settings comparison, Plié 3 has been the preferred choice by patients and prosthetists.
<i>Weatherproof with IP67 rating</i>	✓	✓	Plié 3 is rated IP67, and therefore weatherproof and submersible up to 3 feet for 30 minutes.
<i>Adjustable modes for special activities</i>	✓	✓	Plié 3 allows the user to make manual adjustments to adapt to a wide range of activities with different settings.
<i>No-charge reimbursement support</i>	✓	✓	The Freedom Innovations clinical staff will gladly assist in reimbursement support questions without a fee.
<i>PDAC verified</i>	✓		PDAC is not required for reimbursement.



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- 1 Interchangeable batteries for on-the-go convenience
- 2 Watertight battery cap, color coded for ease of use
- 3 Integrated Alignment Guide shows the position of the TKA line 0-5mm anterior to the knee center
- 4 8MHz microprocessor for response within 10 milliseconds
- 5 Improved stance flexion resistance bezel designed for durability
- 6 Rapid response spool valve
- 7 IP67 tested coated electronics for occasional submersion in water
- 8 Proprietary sensor and load cells with customized settings for advanced stumble recovery
- 9 New bearings and electronic components for an even smoother gait

### Stronger

The Plié 3 features more rugged internal components designed to improve durability and tested to our rigorous standards.

### Smarter

Based on the clinical success of the Plié, the Plié 3 delivers consistent performance. The intuitive software has specific instructions to guide you through the set up process.

### Submersible

The water resistant coated electronics provides people peace of mind when enjoying the outdoors. The Plié 3 can be safely submersed in fresh shallow water for up to 30 minutes at a time.



### Target Users

- K3 users who need customized stumble recovery for a variety of activities
- High K3 and K4 amputees who:
  - Need a knee that adjusts to both walking and running
  - Ambulate with variable cadence on uneven terrain
  - Have adequate hip strength in flexion and extension
  - Want occasional water exposure



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