

The C-Leg 4.

Choose proven performance.

With over 100,000 fittings to date, the C-Leg is trusted by more users than any other microprocessor knee in the world. Studies show the C-Leg provides the exceptional reliability and performance users need to focus on what really matters — enjoying a healthy, active lifestyle¹. The legacy lives on with the newest C-Leg 4 update.

For users

New • **Intuitive Cycling feature!** C-Leg recognizes when the user begins pedaling or dismounts the bike, adjusting the resistance automatically

New • **IP68 Fresh Waterproof:** C-Leg is safe for occasional submersion in fresh water up to 3 meters for 1 hour. **Not corrosion resistant.***

- Manual locking function to conveniently secure the knee in extension via a simple tapping pattern.
- Supported descent on ramps and stairs
- Improved stance release with short or quick steps
- Stumble recovery Plus active at all times
- Increased support for sitting down
- Training function for stance release exercises
- Choice between intuitive and deliberate stance
- More options for special activities with MyMode Plus
- Deep sleep mode to save battery
- Redesigned charger allowing one-handed operation
- Customizable shield insert
- Safe backward walking
- Reliable swing and stance phase control
- User customized functions via the Cockpit App for Apple iOS and Android

For professionals

- Programming via the *connectgo.pro* app.
Compatible with both Apple (iOS) and Android devices.
- Training function for ensuring consistent stance release
- Delivered in Safety Mode until patient-specific data is entered - A recommendation is then provided
- Standard 34 mm, easily shortened tube adapters
- Access usage statistics to see progress at each appointment
- Can be connected to an osseointegrated, percutaneous implant system**

¹ Wismer, N., Mileusnic, M., Sreckovic, I., & Hahn, A. (2016). First results on next generation C-Leg. Poster presentation at OTWorld, Leipzig, Germany

*Electronics are protected from dust, sand, dirt and occasional submersion in fresh water (up to 3m for 1hr). Mechanical components are not corrosion resistant.

**Verify that the manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters also permit this combination.

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1 Integrated Bluetooth® technology

Enables direct communication with the knee for programming by the prosthetist and patient access via the Cockpit App

2 Lithium-ion battery

Located directly in the rotation axis – should be charged overnight when used on a daily basis

3 Inertial motion unit (IMU)

Gyroscope and accelerometers track spatial positioning and acceleration, enabling control based on motion analysis and additional force determination

4 Carbon frame design

Strong, high-grade, and lightweight to provide structural strength for the entire knee joint as well as protect the electronics, hydraulics, and battery during everyday activities

5 IP68 Rating: Fresh waterproof

Electronics are protected from fresh water up to 3m for 1 hour. Not corrosion resistant

6 Knee angle sensor

Measures flexion angle and angular velocity

7 Integrated microprocessor electronics

Coordinates all measurement and control processes

8 Hydraulic unit

Generates motion resistance for flexion and extension during the stance and swing phase

9 Charging receptacle

Easily accessed at the back of the joint and protected by a cover. Compatible with the 757L43 USB-Adapter for charging



max. 136 kg

Technical data

| | |
|-------------------------------|---|
| Mobility grade | 2 – 4 |
| Max. body weight | 136 kg (300 lbs) |
| Knee flexion angle | 130° without flexion stop ¹ |
| Weight (without tube adapter) | 1.250 g (pyramid) 1.255 g (threaded connector) |
| Frame material | Carbon |
| Moisture protection | Fresh waterproof (IP68), not corrosion-resistant |
| Available colors | Midnight shadow, desert pearl |
| Tube adapter | 2R57, 2R67 |

¹The flexion stop reduces the knee flexion angle by 8° (pre-assembled) or 16°.

Prosthesis solution



6Y110 Skeo Sealing TF/
6Y111 Skeo Sealing 3D TF
7T450=1 SiOCX Socket
21Y21 ClickValve



1B1-2 Meridium
1C63 Triton Low Profile
1C70 Evanto
1C50 Taleo
1C53 Taleo Low Profile

1C56 Taleo Adjust
1C58 Taleo Side Flex
F22 Maverick Comfort AT

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