

*"No one can put limitations on you but yourself."*



Kyle Underwood was a 12-year-old boy when he was diagnosed with osteogenic sarcoma in 1976. This debilitating bone cancer required a hip disarticulation amputation of his right leg in order to save his life. Determined to live his life like any other boy, he learned to ride a bike. As an adult, his efforts paid off when he won 2<sup>nd</sup> place at the Amputee World Cycling Championships in 1989.

Today, Kyle Underwood's passion is rock climbing. For the past 12 years, he has climbed crags and formations in West Virginia and the Colorado Rockies. Kyle relies on his C-Leg<sup>®</sup> to give him the stability he needs whether he's climbing a mountain or simply walking down a hill.

Kyle knows about the C-Leg from a technical standpoint too. He's a Certified Prosthetist with Hanger Prosthetics and Orthotics. Kyle took additional coursework to become C-Leg certified.

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Employing the same technology used by our military to improve performance and stability of aircraft, the C-Leg<sup>®</sup> System allows users to walk down stairs and ramps and maneuver rough terrain without the fear of falling. It is revolutionary technology, finely tuned for each individual using PC software and on board sensors and microprocessors to monitor and adapt to a person's movement. The C-Leg's microprocessor enables the amputee to move in a very natural way as unique software algorithms determine the phase of gait then immediately adjust the knee functions to compensate. The electronic system monitors the movement 50 times per second to create a prosthetic limb that models natural gait and creates a smooth and stable movement.

*(Further information on the C-Leg is available at [www.ottobockus.com](http://www.ottobockus.com).)*

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USA 800.328.4058 • Fax 800.962.2549  
Canada 800.665.3327 • Fax 800.463.3659  
[www.ottobockus.com](http://www.ottobockus.com) • [www.ottobock.ca](http://www.ottobock.ca)  
[info@ottobockus.com](mailto:info@ottobockus.com) • [info@ottobock.canada.de](mailto:info@ottobock.canada.de)

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