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Quality for life

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C-Leg

Information for users

# “Hi!

*We're Bailey and Geno. We both share a love of Texas and living our lives independently”*





## Bailey

... is a country girl who loves horse riding and dancing to Texas country music. She enjoys living life to the fullest and doesn't let anything stand in her way. She says her sister would describe her as full of energy and with a big heart.



## Geno

... aims to be the best dad in the world. His son calls him an indestructible superhero with his prostheses. Geno and his family are very close and spend as much time as possible together. He hopes to teach his son to never let anything hold you back.

# A Texas girl - ready for anything

My name is Bailey. I'm 19 years old and I'm from Texas. My family includes my fiancé, my parents, my two sisters, our six dogs, a snake and four cats.

My horse, Jumping Jack, is part of the family, too. He's my grandmother's horse; I've been taking care of him regularly since she broke her ankle. He's the most beautiful horse I know.

## An exciting time

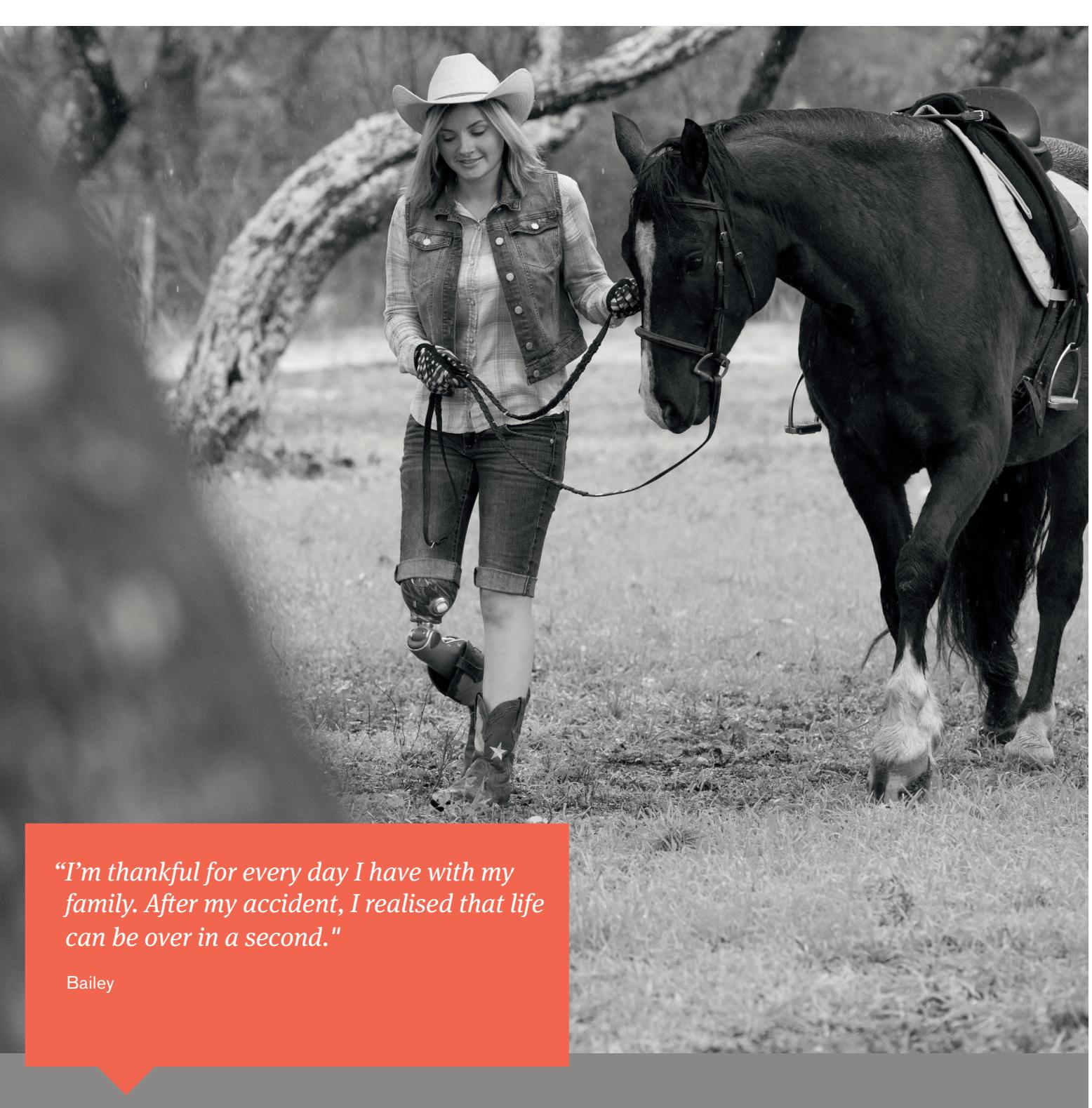
I lost my right leg in a motorcycle accident four years ago. I was driving around a curve when the tyres suddenly slipped out on the gravel. After several operations, the doctors were unable to save my leg. The rehabilitation was surprisingly easy for me. Friends, family, nurses, doctors – everyone was there to support me. Their positive attitude carried over to me.

My body didn't have any big difficulties getting used to my amputation. I was 16 and had always been active. When I got my prosthesis, I started walking immediately. I've been able to get used to new situations quickly since my accident.

With the C-Leg, I can do the things I want to do. I look straight ahead and see the world around me, instead of staring at my feet. I know the C-Leg is there to support me. I'm incredibly grateful for that. I can take my nephew to the park, play with him, be independent. It's a fantastic feeling.

It's an exciting time at the moment. I've finished school and am training to become a medical assistant now. I'll support the doctors at a hospital and take care of the patients. I want them to feel better when they leave the hospital.





*"I'm thankful for every day I have with my family. After my accident, I realised that life can be over in a second."*

Bailey



#### **Bailey's day with the C-Leg**

With the C-Leg 4, Bailey can walk on uneven surfaces such as straw or the wooden floor in the barn. "The C-Leg 4 lets me walk backwards so I can keep an eye on my horse," she says. Her prosthetist set one of the C-Leg's modes for riding so her knee stays at a right angle. Another mode makes dancing easier.

# A superhero who runs a small shop

I am Geno. I've spent most of my life here in Texas. I grew up in Mexico together with my six sisters. I've been married for 14 years – almost exactly as long as I've worn a prosthesis. I met my wife dancing in San Antonio, Texas. My job at the time was maintaining high-voltage power lines. It was a good job. The best part was flying in helicopters: You get a completely different view of the world from above.

The accident happened on a power line two months after my wedding. 17,000 volts shot through my body. I lost my leg but not my life, and I'm happy and lucky to be here.

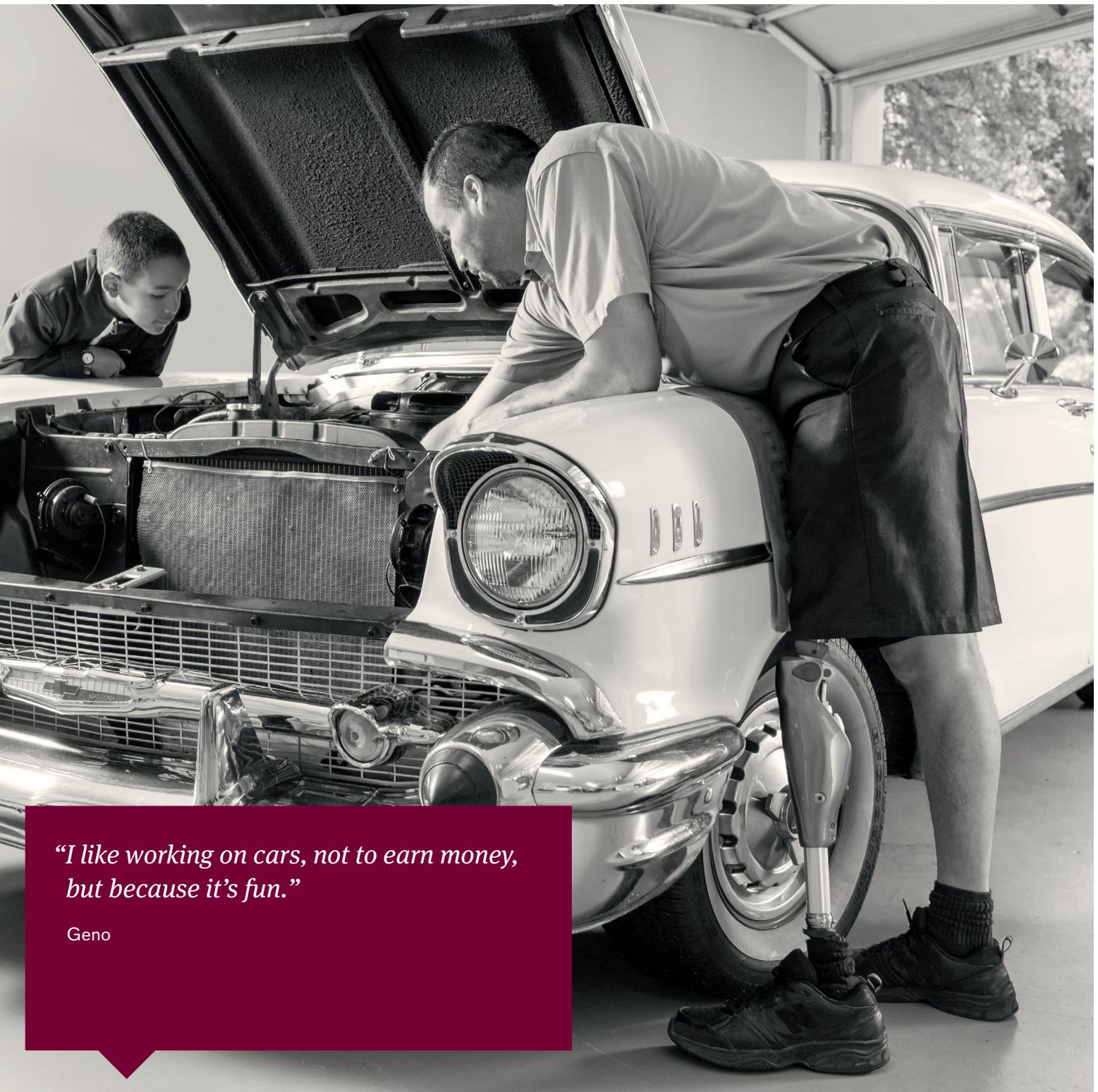
## A strong feeling

My wife Rosie is a strong woman. I was more afraid than she was at the time. The first thing I thought was, she's going to leave me. My thoughts were far too negative after the accident. As time passed, I got my self-confidence back again. Thanks to the C-Leg, I can do so many things without having to think about my limitations now. I feel independent and strong.

Rosie and I have a wonderful seven-year-old son and a two-year-old girl. I get all my energy from my family. My daughter Mia is very quick, she runs from one corner to the other, almost nothing can hold her back.

I spend a lot of time with my son as well. The kids from the neighbourhood like to come over to play with his little theatre that we built together. My son says I'm a superhero. That's amazing.





*"I like working on cars, not to earn money, but because it's fun."*

Geno



#### **Geno's day with the C-Leg**

Going down stairs has become easier for Geno since he started wearing the C-Leg 4. Plus he can walk on uneven ground like stones and sand. "I can't remember the last time I tripped. That's incredible," he says. Geno doesn't have to worry when his son plays with water; the C-Leg 4 is weatherproof and protected against splashed water.



# The best C-Leg of all time



The C-Leg is a microprocessor-controlled leg prosthesis system. This means a small computer continually responds to how the C-Leg wearer is moving and supports him or her accordingly.

## The C-Leg story

No other knee joint of this type is worn by as many people worldwide: More than 60,000 fittings have been accomplished since its market launch. In 1997, it set new standards in terms of safety and freedom of movement. Numerous studies have proven its benefits; no other knee joint has been the subject of scientific research so frequently.\* We are also continually developing the C-Leg's technology. This led to new generations of the product in 2006 and 2011.

## And now the C-Leg 4.

\*International C-Leg Studies, published by Otto Bock Healthcare GmbH, 3rd Edition, 2014, 646B33-GB-05-1403.

1997

The C-Leg sets a new standard as the first fully microprocessor-controlled leg prosthesis system



Colour and extras such as the remote control modernise the C-Leg

2006



2011

Important functions including an optimised stumble recovery feature and improved swing phase control mark the start of a new generation



2015

The C-Leg 4 marks the start of a new era: It is the best C-Leg of all time. With important new features for users and technicians.

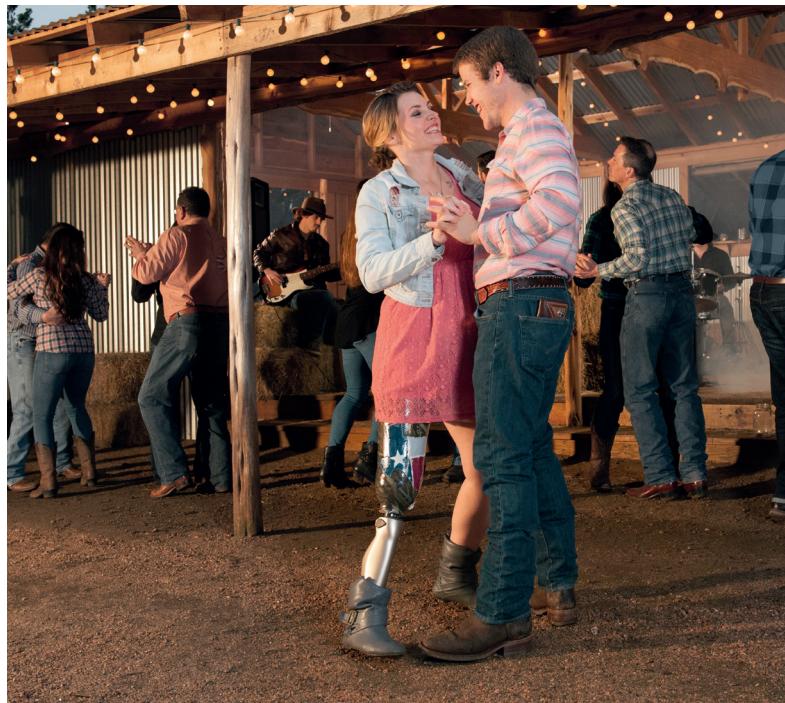
# Bailey and Geno ...

... live their daily lives independently, with everything that's important to them. For them, the C-Leg is a great help precisely because they don't have to think about it.

## More dynamic

Less concentration on gait

Fluid movements are the result of the knee joint's precise responses. Whether you're on stairs, ramps, challenging surfaces or walking backwards – the C-Leg 4 adjusts itself to the various situations. You notice this when you put weight on the leg, but also when you swing it through. The transition from the stance to the swing phase of walking also becomes easier. This precise response capacity comes thanks to the patented sensors and the microprocessor located in the joint. Even if you've never worn a C-Leg before, the adjustment period is typically quite short. If you would prefer an active prosthetic foot, we recommend our Triton range. Just talk to your prosthetist.



## Easier

New functions for standing and sitting

Using a discreet movement pattern, you can assume a relaxed position with a slightly flexed knee. You might already be familiar with this manual stance function. A new feature of the C-Leg 4 is that your prosthetist can alternatively set the intuitive stance function at your request. With this function, the joint detects from your movement when you'd like to stand in a relaxed position and when you need support for your next step. The sitting function is another new feature. With the help of this function, you can take a relaxed position after sitting down, as the joint swings freely.





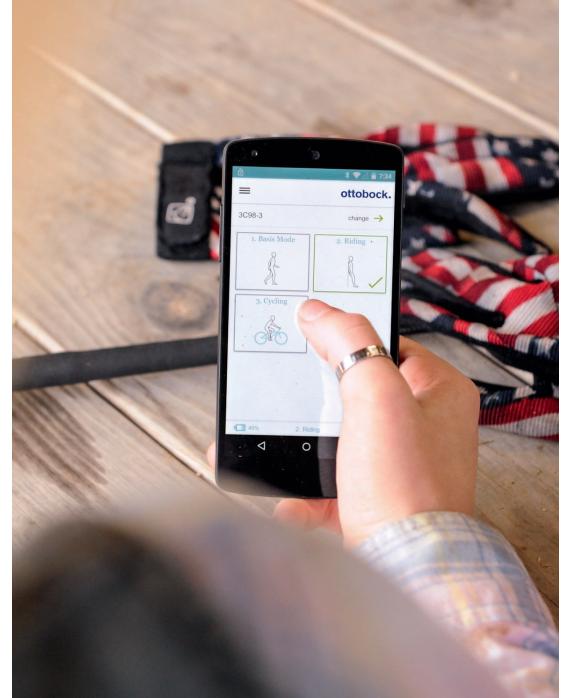
The C-Leg continues its evolution with numerous new features: It's the best C-Leg of all time.

## More advanced

### Smart control via app and new designs

You can control the C-Leg 4 with your smartphone. A new app for Android smartphones lets you switch between modes, display the battery level and activate or deactivate the sitting function.

Its new design gives the C-Leg a completely different appearance, with contours modelled after the human body and more discreet colours. You can choose between the anthracite Volcano Shadow tone or the champagne-coloured Desert Pearl. The shield insert of the protective cover is also available in three different versions. The protective cover safeguards the C-Leg against external influences such as dirt and wear-and-tear. It also gives the leg a more natural volume under long clothing.



## Stable

### An even better stumble recovery function

Safety has always come first with the C-Leg. Numerous studies\* prove that the frequency of falls is significantly lower with the C-Leg in comparison to conventional prostheses. Scientific studies show that this increases confidence in the prosthesis and that users pay greater attention to their surroundings. We've taken the stumble recovery function to a new level with the C-Leg 4: It now responds with even more precise support, boosting the level of safety.

\* International C-Leg Studies, published by Otto Bock Healthcare GmbH, 3rd Edition, 2014, 646B33-GB-05-1403.

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