

ottobock.

Triton smart ankle

Reclaim your choice.

Quality for life

Information for users



“I’ve been through a lot.
I’ve had chemo, but I’m
fine now. I have a job.
I have no effects from it.”

Shelby
27 years old





Young people's lives today are defined by versatility. Never before has the range of leisure and career development opportunities been so diverse as it is today. Without technical devices, a solid focus on goals and effective time management, it's almost impossible to imagine how we would organise our lives. Whether it's a smartphone or a tablet or a high-performance prosthesis – they all provide support in reaching the goal. And by networking these components together, users can stay on top of things even in stressful situations.

Called to her career

At age 12, Shelby was diagnosed with bone cancer in her left heel. She lost her lower left leg as a result. Once she'd finished the marathon of treatments, she wanted only one thing: to leave hospitals, doctors and nurses behind forever. But as time passed, she realised that there could be nothing more worthwhile for her than helping children in the same situation – as a registered nurse. Because, besides her family, it was these very professionals who'd had a significant positive impact on her childhood and adolescence.

Today, Shelby estimates that she walks 3-5 miles during a 12-hour shift in the paediatric oncology ward - at the very same hospital where she was once treated herself. Besides lifting children, constant bending and transporting medical equipment, she also regularly moves hospital beds from one room to another. In other words, her job is a real workout.



“The most amazing thing I have learned is how resilient kids are. They had surgery yesterday and are starting chemo tomorrow, but they still want to go to the movie night in the ward’s play-room.”



Shelby juggles her daily activities like a circus performer

“By nature I am a big planner and a scheduler. I seem to thrive on being busy. That’s why nearly every minute of my day is planned out. But my dog Lainey still gets her attention.”



„I thrive on being busy“

“I’ve just started working out with the Pure Barre method. The exercises are based on components of ballet combined with yoga and pilates. It’s a low impact workout suiting me perfectly”

No more trouble buying shoes

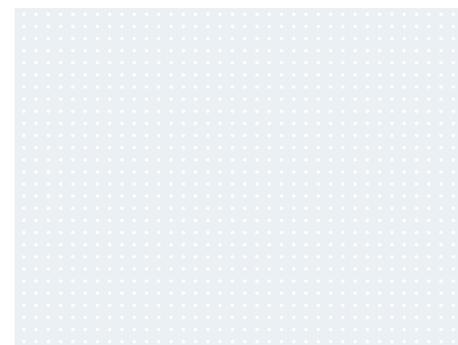
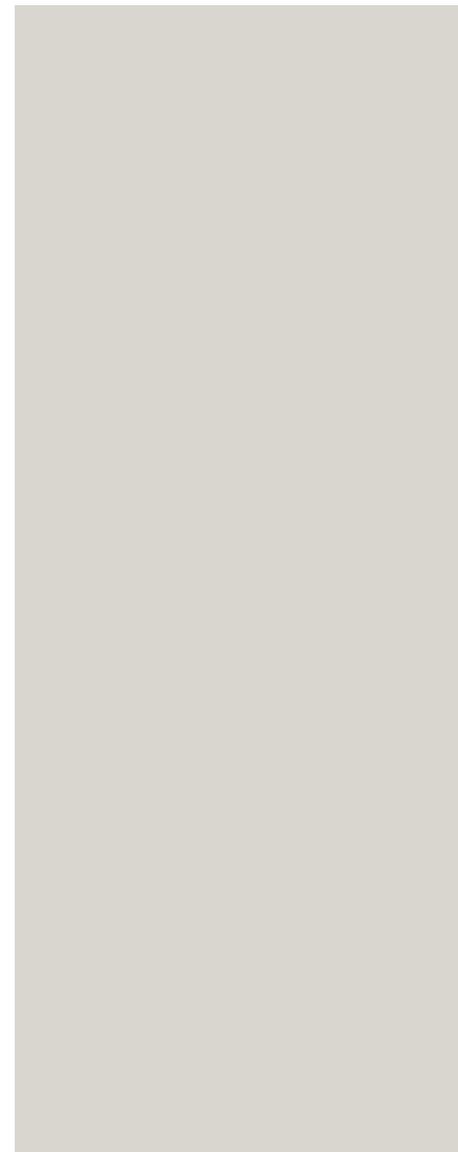
With nearly 15 years of prosthetic fittings behind her, Shelby knows exactly which prosthetic joint functions provide the best support for her busy schedule. She found the everyday companion she needed with the mechatronic Triton smart ankle prosthetic foot. Even her best friend is amazed at how Shelby leads the way when they go shoe shopping these days. Now they can both enjoy a shopping trip with a spontaneous stop at a chic shoe store, with Shelby quickly changing from ballet flats to wedges and back to flats again. Whether she changes ankle height with her smartphone or a press of a button right on the joint – her Triton smart ankle is right in step.



“Going shoe shopping and trying on shoes even with slightly different heel heights is such a struggle for amputees. The Triton smart ankle takes all that away – it makes all that easier.”



Each and every day, Shelby shows us that it's easy to live an active and fulfilling life even with a prosthesis. In addition to the simple heel height adjustment, the relief function is a big win for her everyday life. Thanks to this feature, the Triton smart ankle lowers itself completely to the floor during resting phases, such as when the user is sitting. This not only relieves Shelby's residual limb, but also results in a natural-looking, inconspicuous foot position.

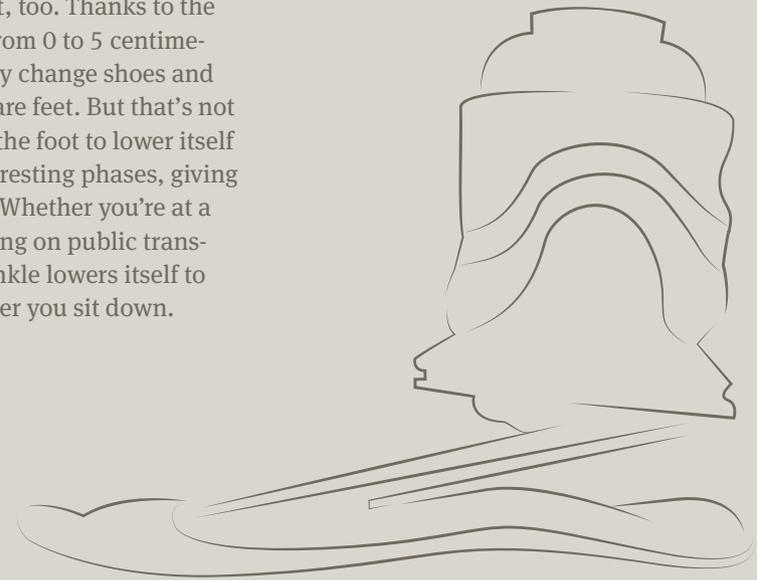


Triton smart ankle

The Triton smart ankle is built around its carbon fibre spring, which not only gives the user the desired dynamic movement but also unmistakably identifies the prosthetic foot as a member of the Triton family.

But what sets the Triton smart ankle apart from its “siblings” is the highly sophisticated microprocessor technology enclosed in the ankle joint, which controls all of the processes that play a pivotal role in making everyday life easier. The prosthetic foot not only adjusts itself according to your walking speed, but also adapts incrementally to inclines and declines. And the days when shoe shopping

was a headache are in the past, too. Thanks to the foot’s adjustable heel height from 0 to 5 centimetres, you can quickly and easily change shoes and even walk comfortably with bare feet. But that’s not all. The relief function allows the foot to lower itself completely to the floor during resting phases, giving it a more natural appearance. Whether you’re at a concert with friends or travelling on public transportation – the Triton smart ankle lowers itself to the floor just a few seconds after you sit down.



Everything I ever wanted

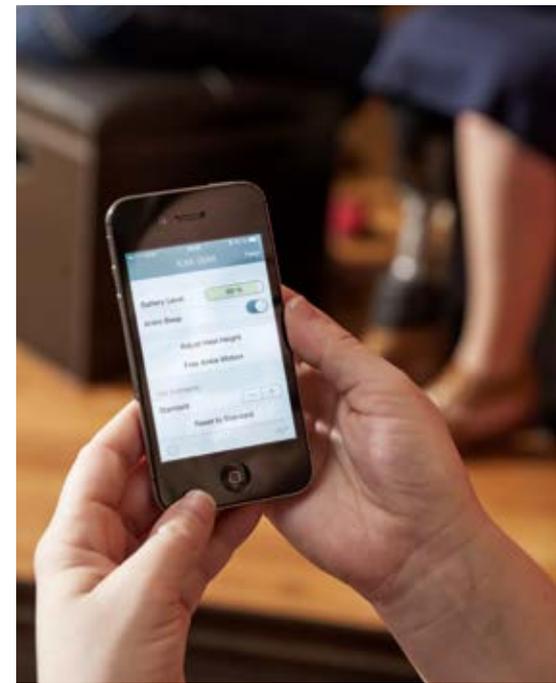
For Shelby, it's like a dream come true. Functions that were previously available only in multiple prosthetic feet are now unified in a single joint.

Shelby still has to smile when she describes her old going-out prosthesis, which she fondly refers to as “my Barbie leg”. Today, she's happy to have such logistical concerns behind her thanks to the Triton smart ankle. Gone are the days when she had to keep a second prosthetic leg in her hospital locker if she was going out to a club with her boyfriend after work.

Never without your remote control

Easy to control via smartphone app

With the Galileo™ app, you can easily adjust the heel height yourself. But that's not all. Using your smartphone as a remote control, you can enable free ankle motion and change the level of toe stiffness you feel in order to adjust the foot for a relaxed or dynamic walking pace.



Helping you balance everyday life

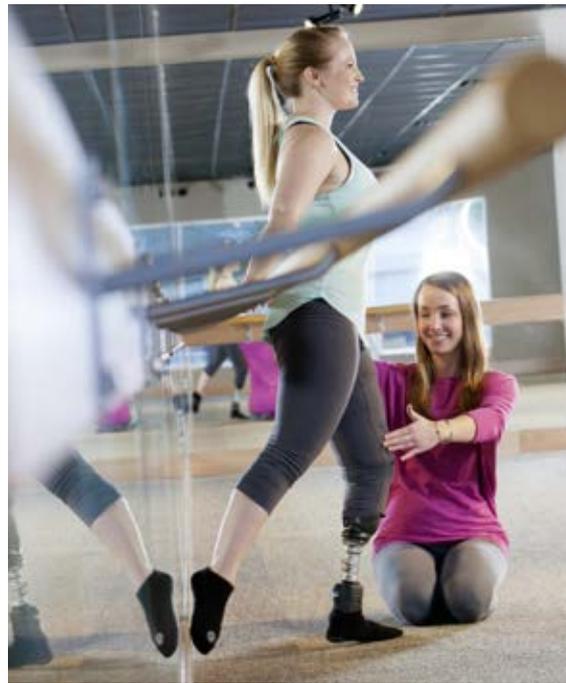
For maximum mobility

Balancing work, family, friends and free time requires a high level of mobility. From slopes to stairs to varying walking speeds, the Triton smart ankle stands out with its impressive range of motion – up to 34°. But there's more. Thanks to its relief function, your foot lowers itself all the way to the floor when you're at rest (such as when sitting). One less thing to worry about when you're in the cinema, where narrow rows of seats require a foot position that doesn't present a tripping hazard to others.

Out the door in no time

Skinny jeans and leggings love the free ankle motion

We've all been there: A few minutes too long in bed, and suddenly you don't have enough time to get dressed. Previously, quickly sliding your prosthetic foot into the leg of your trousers was no simple matter. But it's no problem with the Triton smart ankle, which, with its free ankle motion, gives you a 15-second window to move your foot into the optimal position. Slip into your trousers and off you go.



Frequently asked questions

Here are answers to a few questions you might have to help you better discuss your options with your prosthetist.

I've heard that the Triton smart ankle is primarily intended for women. Is that true?

No, that's not the case at all. The mechatronic ankle joint is suitable for women and men who value the flexibility that the foot's extensive range of motion provides.

How often do I need to charge my Triton smart ankle?

The battery has a life of 3 to 4 days, depending on use. However, we recommend charging it at least every other night to be on the safe side.

I don't have a smartphone. Can I still use the Triton smart ankle?

Yes, definitely. You can also activate the most important functions such as the heel height adjustment yourself by pressing the button on the joint. The foot adjusts to different speeds, ramps and stairs automatically without the app in any case.



From 0 to 50 – in just a few seconds

Heel height adjustment made easy

From a wedding to a business trip to a walk in the forest with your dog – different activities call for different footwear. Everyone who has ever had trouble changing shoes due to an inflexible prosthetic foot can breathe a sigh of relief. The Triton smart ankle can not only be adjusted to a height of up to 50 mm, but can also be easily operated using your smartphone. And there's also a small button on the ankle joint, which lets you adjust the height of the Triton smart ankle manually as well.

