

ottobock.

Boundless joy of movement

Everyday knee joint and sport prosthesis for children



Quality for life

“My name is Rio and I want to show children around the world that I won’t let anything stop me. When I grow up, I want to compete in the Paralympic Games as a sprinter.”





Rio

Nine-year-old Rio keeps his parents on edge day in and day out with his exuberant spirit and zest for action. The latest child-friendly prosthetic technologies help him take part in life and fulfil his dreams. It's something his parents would not have thought possible at the time of his amputation, around seven years ago.

Rio is unstoppable

Rio's right leg was amputated due to an extremely rare bone deformity when he was just an infant. The young Brit received his first leg prosthesis before his second birthday. A mere seven years later, his family's initial concern has been supplanted by the certainty that Rio will not only master his young life but likely attract attention through outstanding performance in sports. "Rio", his father Trevor proudly notes, "is an extremely active lad – he is always in motion, plays football with his friends at school or in the garden, and even romps around constantly on the living room furniture."

Seeing Rio at school and at home today makes you wonder if this young boy could ever take no for an answer. Rio can keep up with his peers in any activity thanks to his mechanical prosthetic knee joint designed just for children.

On the playground, in the classroom or during school sports – Rio feels equal to his classmates, because he can match them in all respects. But that's far from enough for this little whirlwind from the UK. His goal is to compete in the Paralympic Games as a sprinter one day. That's why being able to use a special sport prosthesis with a running blade in addition to his everyday knee joint is a matter of course for Rio. The nine-year-old easily switches between his two prostheses as needed.



Giving traumatised children hope again.

Together with the Peter Maffay Foundation, Ottobock is committed to helping disadvantaged boys and girls who are growing up in difficult conditions. The aim is to create safe havens, where they can find strength and courage. The small Tabaluga Dragon is the symbol of this collaboration, which now adorns selected products for kids.





“My friends think it’s cool that I don’t need any special attention. I can do anything we want to do at the moment.”



Leading by example

Rio owes his healthy self-confidence to the feedback he has received from many people who are inspired by his positive attitude and his enthusiasm for sports.

Discover the world together with the Tabaluga Dragon

The prosthetic socket is an important component in every leg prosthesis and offers scope for individual design. Children who love colours and new ways of expressing themselves can choose to take the popular Tabaluga Dragon with them wherever they go. The design is available in four colour combinations and is integrated into the prosthetic socket by the O&P professional. The motifs are protected against external influences, so there's no need to worry if things get a bit rambunctious at school or on the playground.



“My friends are often amazed at how tough I am when we play football. I give everything I’ve got on the pitch to help my team win.”

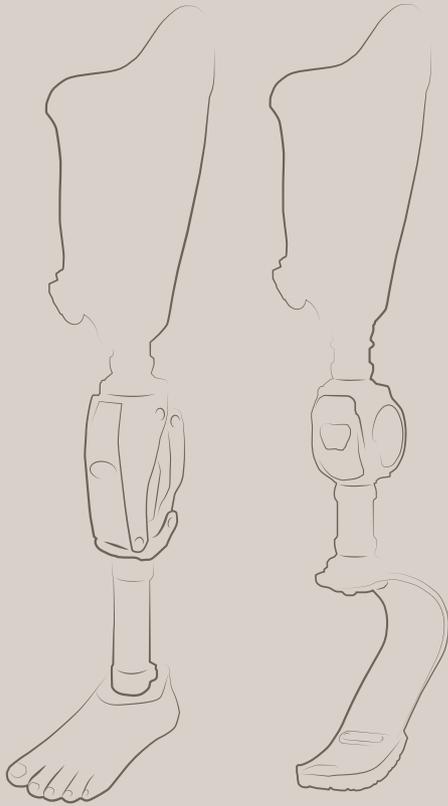




Tailor-made support for active children

Developed on the basis of a mechanical knee joint for adults which has been tried and tested over many years, we modified the kid's knee joint especially for the needs of young users. The joint gives small users great freedom of movement with a net weight of just 510 g and an especially high flexion angle of 150°. Hydraulics equipped with a special oil control the swing phase during walking, allowing the child to move at different walking speeds. Thanks to its multi-axial structure, the knee joint also offers your child a high level of stability. Active children who love to move are elated by the joint's suitability for everyday use and don't want to be without it at school or in their spare time.

Children who also want to train more intensively or, like Rio, have dedicated themselves to a specific discipline, also benefit from our special combination of sport prostheses. Consisting of a sport knee joint for children and a dynamic prosthetic sport foot, the Runner junior, they open up new prospects for a future in sports for highly active children.



3R67



3S80=1 Sport



Runner junior

Optimised for a child's everyday life

Kneeling made easy

Be impulsive: Children in particular want to act according to their current situation in everyday life. They want kneeling down to be easy so they can pet the neighbour's dogs or search for a coin that has rolled under the furniture. Thanks to the high 150° flexion angle of our hydraulic knee joint for children, Rio bends down just as quickly as other children – without thinking about it.



From cosy to active

Rio loves being spontaneous. So he expects his knee joint to adapt immediately to his current walking speed. Whether the nine-year-old is sauntering across the school playground during break or running to the ice cream shop on the corner – the integrated hydraulics in his knee joint for children provide reliable support at any speed of movement.



Robust and durable

Children want to compete with their peers as equals, without giving a second thought to delicate prosthesis components. Thanks to its robust design, the knee joint for children stands up to high levels of strain – even when things get a bit rough while playing or during sports. It also features a multi-axial structure which offers enhanced safety for young users.



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TABALUGA basiert auf einer Idee von Peter Maffay,
Gregor Rottschalk und Rolf Zuckowski. Bilder von Helme Heine.
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A black and white photograph of a young boy with a prosthetic left leg running on a track. He is wearing a light-colored hoodie and dark shorts. His arms are outstretched, and he has a joyful expression with his mouth open. The background shows a blurred track and trees.

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WHY DO ATHLETES STRIVE TO BE THEIR BEST ...

... no matter their age?

3S80=1 Sport & Runner junior.

Sportsline. Whatever makes you complete.



WHY IS IMAGINATION ...

... a key motivator for tomorrow's champions?

3S80=1 Sport & Runner junior.



Rio conquers Rio

Due to an extremely rare bone deformity, Rio's right leg was amputated when he was just an infant. A mere seven years later, his family's initial concern has been supplanted by the certainty that Rio will not only master his young life but likely attract attention through outstanding performance in sports.

Rio's enthusiasm for Paralympic sports was crowned by a trip to the Games in Rio de Janeiro in 2016.

"The 100-metre sprinters like Jonnie Peacock and Heinrich Popow are Rio's very own heroes," says his mother, Juliette. Meeting the athletes in person in Brazil has made her son all the more certain that he wants to be amongst the fastest athletes in the world with a disability someday. As a four-year-old, Rio already had the chance to follow the Paralympic Games in his own country when they were held in London in 2012.



