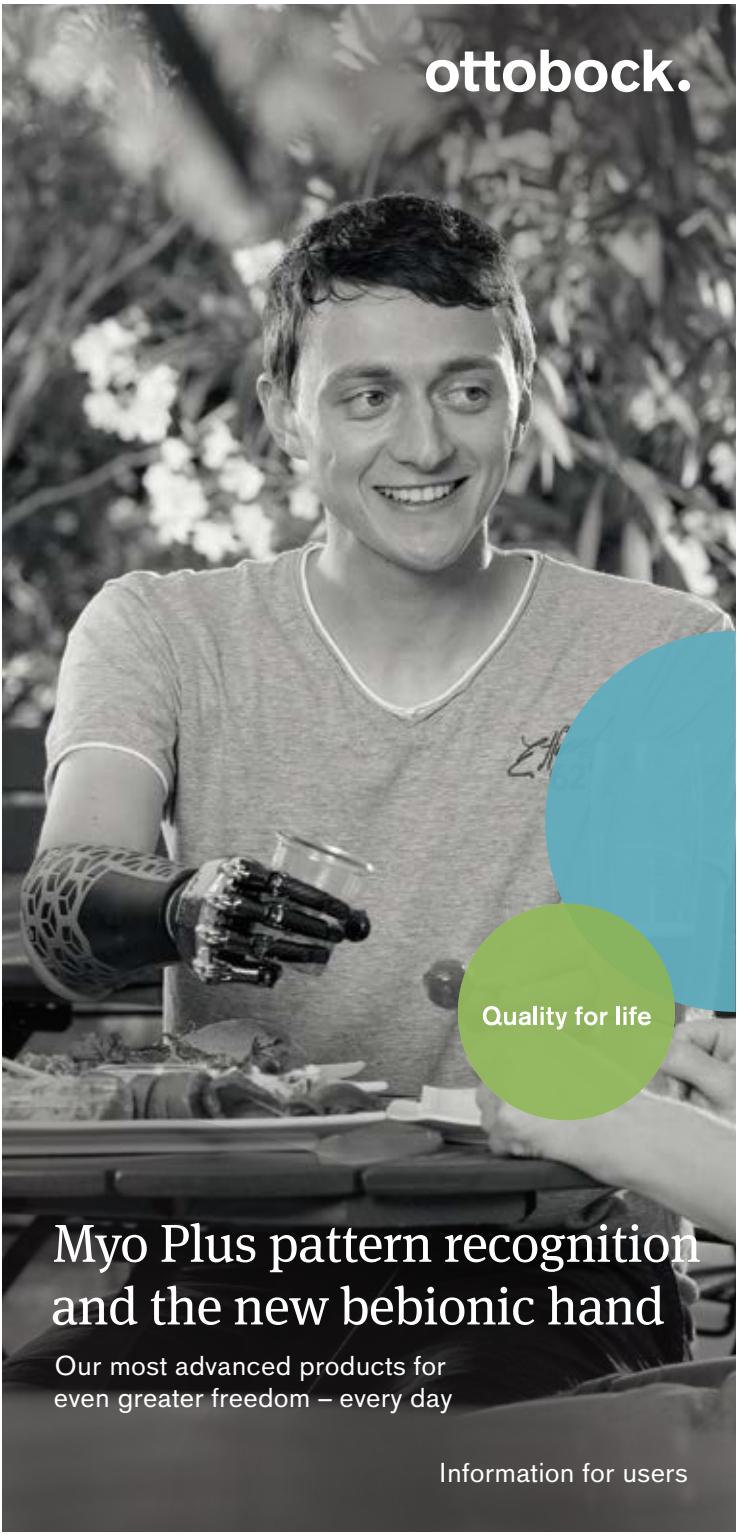
ottobock.



Quality for life

Myo Plus pattern recognition and the new bebionic hand

Our most advanced products for even greater freedom – every day

Information for users

Our first control device that learns from you – Myo Plus

A completely new approach to prosthesis control

Even after an amputation, mental control of the hand remains mapped in the brain. Users can still imagine making movements, and send the corresponding signals to the nerve endings in the residual limb. Myo Plus is the first Ottobock prosthesis control device that can correctly interpret these signals and convert them into movements. A certain grip is assigned to each movement pattern, so the prosthesis can be intuitively controlled like never before.

Myo Plus app – makes movement patterns visible

The newly developed Myo Plus app is the central interface between you as the user and the control device. Basically, it's like a "window into the prosthesis" and shows how the control device learns to interpret your individual signals with increasing success. Different movements are displayed in the Myo Plus app and are then carried out mentally by you.

More functions and options: overview of important benefits

- More intuitive, more natural movements without complicated switching
- Using artificial intelligence, the system learns with and from the user
- The prosthesis is easier to control and requires less mental effort
- Easy to control via the Myo Plus app on a smartphone or tablet
- Movement patterns can be readjusted independently and new grips can be added
- Suitable for all MyoBock terminal devices

Suitable for every task – overview of MyoBock terminal devices

The new bebionic hand

For the first time ever, the potential of the world's most natural bionic prosthetic hand can be exploited in full. The multi-articulating bebionic hand has been further optimised by Ottobock.
Together with the Myo Plus control device, the hand can now be used safely and confidently – even for delicate activities.

bebionic hand

- Highly functional multi-articulating hand
- Modern look
- 14 grip options
- Individual motors in each finger
- Proportional speed control
- Selectable thumb position
- Suitable for work and everyday use
- Fast, easy switching between terminal devices

MyoBock terminal devices

Myo Plus is also suitable for controlling all other MyoBock terminal devices – and you don't need to learn new commands. This means that an optimal solution can be adapted and applied to every activity. The DMC VariPlus Electric Greifer allows you to do precision work or use powerful grips. The MyoHand VariPlus Speed and the SensorHand Speed each feature high speed and gripping strength.

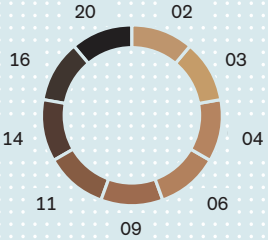
MyoHand VariPlus Speed
SensorHand Speed

- Objects can be gripped quickly and precisely
- Suitable for work and everyday use
- Fast, easy switching between terminal devices

DMC VariPlus Electric Greifer

- Especially robust and reliable
- Suitable for work and everyday use
- Suitable for handling small objects and performing manual tasks
- Exchangeable gripping tips (wide, narrow or rubber coated)
- With integrated LED light
- Fast, easy switching between terminal devices

bebionic Skin Silicone Black and bebionic Skin Silicone



Available in nine shades

bebionic Skin Silicone prosthetic gloves

bebionic prosthetic gloves from Ottobock have a natural, inconspicuous appearance thanks to fine details on the palms, knuckles, fingernails and joints. They are also highly durable. They are easy to clean, and protect the prosthesis reliably from exposure to water and dust.

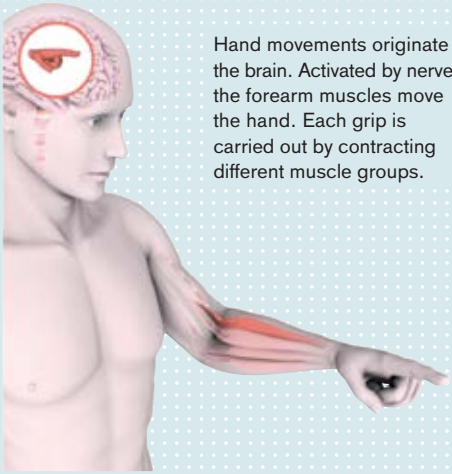
"I don't have to struggle any more because the hand does exactly what I want, when I want."

Mandie, age 32
Working mother from Texas

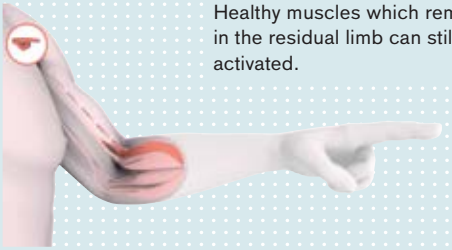
"As soon as I saw the bebionic hand, I instantly knew it was the hand for me."

Angel, age 24
Actress from New Orleans

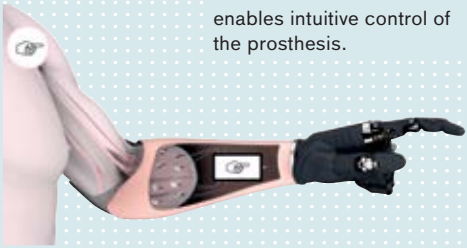
How Myo Plus pattern recognition works



Hand movements originate in the brain. Activated by nerves, the forearm muscles move the hand. Each grip is carried out by contracting different muscle groups.



Healthy muscles which remain in the residual limb can still be activated.



Myo Plus learns and saves individual movement patterns. The Myo Plus control device adapts to the individual situation and learns from the user. This enables intuitive control of the prosthesis.

"With the Myo Plus control device, I can open and close the hand more precisely and rotation is also much more precise, of course."

Wolfgang, age 23,
Farmer from Bavaria

"The Myo Plus app has a big advantage: You can easily change many settings yourself."

Wolfgang, age 23,
Farmer from Bavaria

Find all information
on the Myo Plus app here:
www.ottobock.com/en/apps/myoplusapp

Find all information
on the Myo Plus control device here:
www.ottobock.de/myoplus

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