ottobock.

exopulse suit.

Stimulate. Move. Smile.

Information for users

646H492=en_INT-01-2511_J.indd 1 09.12.25 14:59

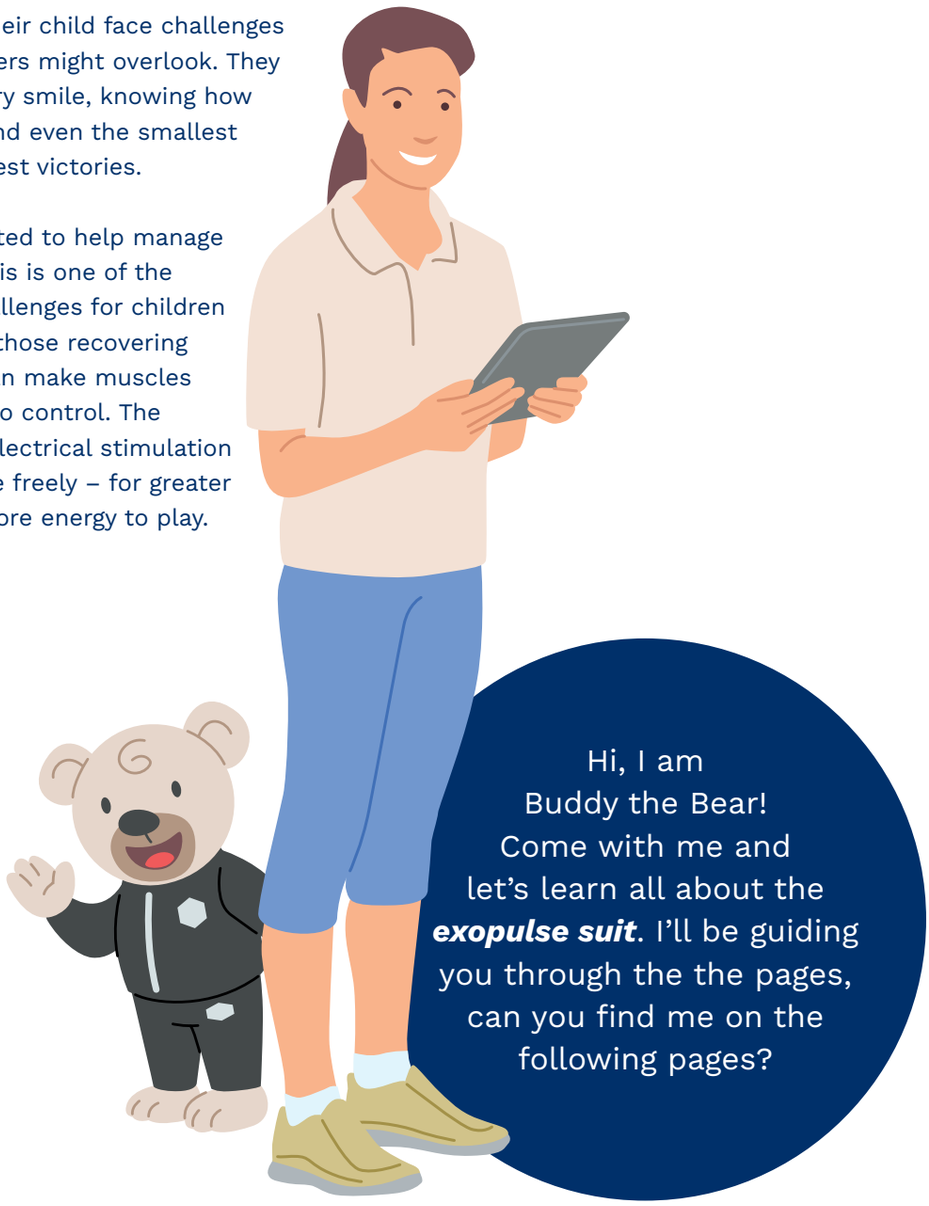
The ***exopulse suit*** uses gentle stimulation that supports better body control, smoother walking and functional mobility, helping children move more confidently in daily life.

Significant reduction in spasticity.

When movement becomes a challenge, every smile matters.

Every day, parents watch their child face challenges and celebrate progress others might overlook. They notice every effort and every smile, knowing how much strength it takes – and even the smallest steps can feel like the biggest victories.

The ***exopulse suit*** was created to help manage the effects of spasticity. This is one of the most common mobility challenges for children with cerebral palsy (CP) or those recovering from a stroke. Spasticity can make muscles feel stiff, tight, or difficult to control. The ***exopulse suit*** uses gentle electrical stimulation to help children move more freely – for greater stability, fewer falls, and more energy to play.



646H492=en_INT-01-2511_J.indd 3 09.12.25 14:59

Easy at the touch of a button.

How the ***exopulse suit*** works.

The near-full body suit is designed to gently relax tight muscles using a well-known method called neuromodulation.
Inside the suit, 50 small electrodes send soft, barely noticeable pulses to both the tense muscles and the weaker ones that normally help balance them. These signals help loosen the tight muscles and wake up the weak ones, so the whole muscle group can work together again – making movement feel more natural and easier for the body.

Find out more!
Scan the QR code and watch the explainer video.

What it means for you and your child

Results in 60 minutes

It can take as little as an hour to start reducing spasticity symptoms with the suit.

Personalized approach

The suit's stimulation can be customized to deliver the relief your child's needs.

Complementary care

The suit works alongside standard spasticity treatments, including physical and exercise therapy.

Drug- and surgery-free

No additional medications or procedures are required to start using the suit.

646H492=en_INT-01-2511_J.indd 4 09.12.25 14:59

646H492=en_INT-01-2511_J.indd 6 09.12.25 14:59

Comfortable design features make the difference.

Take a closer look.

The ***exopulse suit*** is designed with families in mind: an intuitive app for easy personalization, washable soft-stretch materials for comfort, and long-lasting rechargeable control units. From the flexible fabric to the precise electrode system, every detail supports a good fit and gentle stimulation your child can feel comfortable with.

1. **Optimized Electrode Configuration**
   50 enlarged, combined electrodes deliver gentle, consistent stimulation to support coordinated muscle activity.
2. **Soft-Stretch Materials**
   Lightweight, stretchy single-layer fabric with minimal zippers ensures an ergonomic, comfortable fit.
3. **App-Based Stimulation Control**
   The suit is activated and controlled using an intuitive user app, enabling personalized adjustments to the stimulation with ease.
4. **Bluetooth-Enabled Control Units**
   Easy to connect and fully rechargeable, providing reliable performance without battery changes.
5. **Functional, Family-Oriented Design**
   The jacket and pants can be cleaned up to 60 times in a home washer (note: Do NOT wash the control units).

646H492=en_INT-01-2511_J.indd 7 09.12.25 14:59

How the *exopulse suit* helps your muscles feel happy and strong.

Let’s explore.

Sometimes, muscles get a little mixed up.
Do your arms or legs sometimes feel stiff or hard to move? That’s called spasticity! It happens when your muscles get their signals crossed – some stay too tight, and others forget to help.

The suit sends gentle tiny helper signals.
When you wear the suit, tiny, gentle signals travel through your body – like little lightning bugs or ladybugs bringing help! They remind your muscles how to talk to each other again.

646H492=en_INT-01-2511_J.indd 8 09.12.25 14:59

Your muscles start working together – like a team!
The suit helps sleepy muscles wake up and tells tight ones to relax. Together, they make moving smoother and easier!

Movement becomes easier – and way more fun!
When your muscles work together, walking, stretching, and playing feel so much lighter. You'll have more energy – and more fun doing the things you love!

You wear it just one hour every other day.
You can wear your suit at home or during therapy. It's soft and comfy – and it works quietly while you play, read, or relax.

Made for kids like you!
The suit doesn't hurt – no needles, no medicine! Just gentle signals that help your body move the way it wants to.

646H492=en_INT-01-2511_J.indd 9 09.12.25 14:59

Frequently asked questions.

The more you know, the more confident you feel.

Having the right information can make all the difference. Here, we've gathered answers to the most common questions from parents and caregivers – so you can feel confident, reassured, and ready to support your child's next steps.

How does the stimulation feel for children?

Many children describe the stimulation as a light tickling sensation – like tiny ants or ladybugs walking gently across the skin.

Can children play or eat while using the *exopulse suit*?

Yes! The stretchy material and small control units make it easy for children to move around, eat, or play while wearing the suit. The garments can be washed in a washing machine.
Do not wash the control units, and please follow the washing instructions provided in the manual.

Machine washable
The jacket and pants may be cleaned up to 60 times in a home washer.

Do NOT wash control units.
This may void the suit's two year warranty.

Why does the phone need to stay close to the *exopulse suit* during stimulation?

The phone with the Exopulse App needs to stay close to the suit during stimulation to make sure the connection is not interrupted.

Have there been any side effects to wearing the *exopulse suit*?

Skin irritation and burns beneath the electrodes have been reported with the use of transcutaneous stimulators.

Can the suit be used alongside standard spasticity treatments?

In most cases, yes, but always consult your healthcare professional to ensure that this is appropriate for your child. With a healthcare professional's approval, most suit users may also continue their physiotherapy, training exercises, or other activity-based treatment regimens for spasticity. Discuss the suit with your doctor if your child is currently receiving botulinum toxin injections or have been prescribed oral medication for spasticity.

646H492=en_INT-01-2511_J.indd 10 09.12.25 14:59

What kind of material is the suit made of?

The jacket and pants are constructed from comfortable, stretchy, washable synthetic materials (polyamide / elastane blend). The garments contain no animal products or fibers.

Is the suit typically covered by insurance and / or reimbursed by national health systems?

Financial coverage for the suit may vary depending on where you live, your age, your diagnosis, and other factors. To learn more about the potential cost of using the suit, contact an Ottobock representative.

Has the suit been evaluated in any independent clinical studies?

The suit's effectiveness has been evaluated in several different clinical research programs, including both independent and Ottobock-sponsored studies. If you'd like to learn more about the results of these studies, please contact an Ottobock representative.

Every child is unique – and so is every family's journey with the ***exopulse suit***. We hope these answers have helped you feel more informed and confident. If you'd like to learn more, your Ottobock team will be happy to assist you anytime.

646H492=en_INT-01-2511_J.indd 11 09.12.25 14:59

Contraindications.

When to use the ***exopulse suit*** – and when not to.

Your child's safety always comes first. Please read the following information carefully and consult your healthcare professional before use if any of these conditions apply. The ***exopulse suit*** should not be used together with certain electronic or medical devices, or in specific health situations, as listed below.

Do not use the suit

- Together with electronic life-support equipment, e.g. pacemakers or high-frequency surgical equipment.
- Together with ECG equipment.

There is a risk of the suit disturbing the function of the above-mentioned types of equipment.

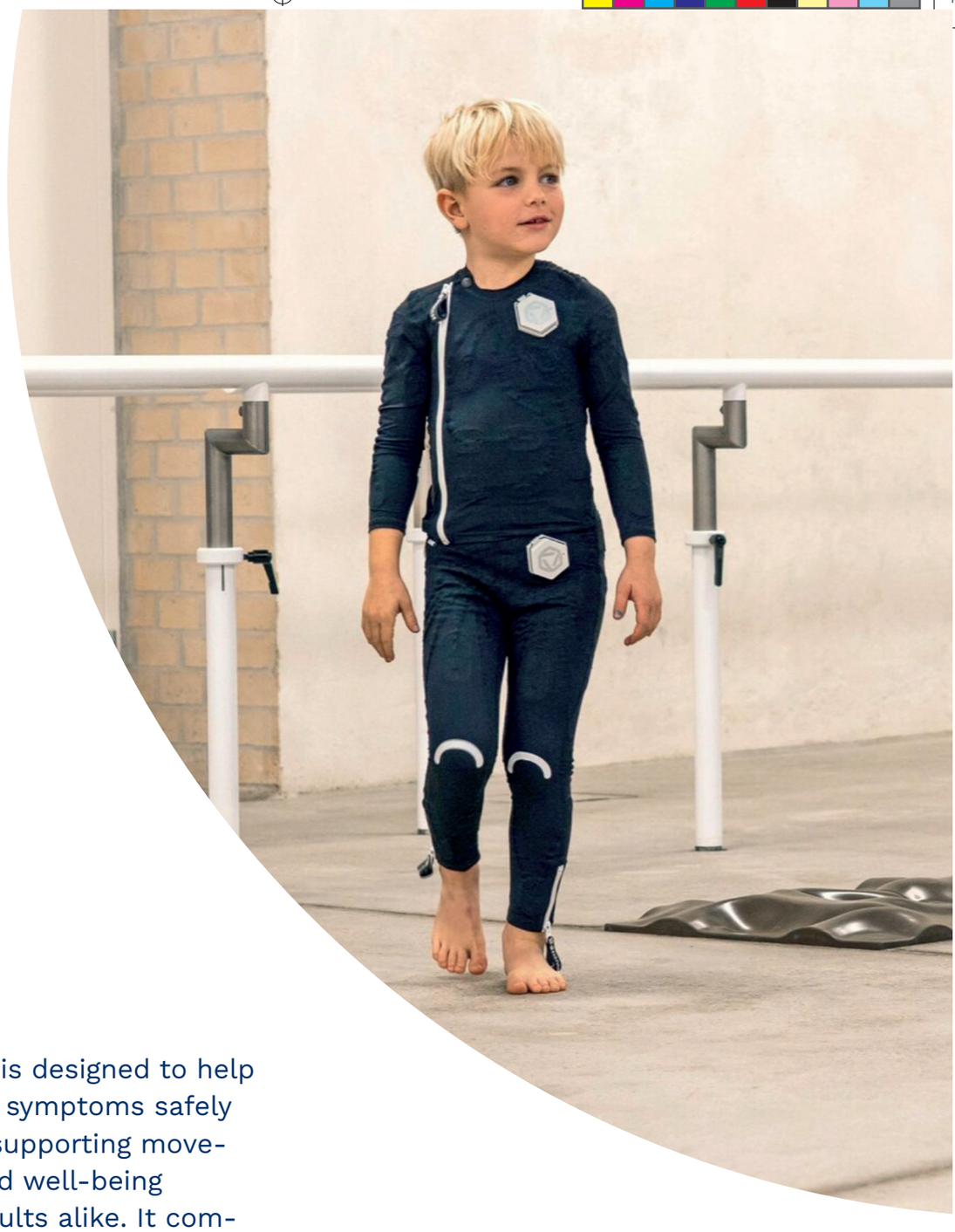
Do not use the suit without consulting a doctor if any of the following apply

- Cardiac diseases or other types of related conditions
- Cancer
- Infectious diseases
- Fever
- Epilepsy
- Skin disease, rashes, or other skin problems
- Use together with another medical device

ⓘ

Usage in connection with the preceding scenarios or conditions can expose the user to unnecessary risk and is therefore at the user's own risk.

646H492=en_INT-01-2511_J.indd 12 09.12.25 14:59



The ***exopulse suit*** is designed to help manage spasticity symptoms safely and effectively – supporting movement, comfort, and well-being in children and adults alike. It complements therapy and encourages active participation in everyday life.

Indication and usage

The ***exopulse suit*** is intended to provide relaxation of tense and spastic muscles and muscle activation, improved local blood circulation and pain relief in patients with cerebral palsy (CP), multiple sclerosis (MS), stroke, and other neurological disorders which may cause such type of symptoms.

The device is recommended to be used every other day, unless a healthcare professional recommends otherwise. With a healthcare professional's approval, most suit users may also continue their physiotherapy, training exercises, or other activity-based treatments for spasticity.

646H492=en_INT-01-2511_J.indd 13 09.12.25 14:59

What's next?

For gentle support, every step of the way.

1 Talk to your doctor or therapist
Discuss the ***exopulse suit*** with your child's doctor or therapist. If it's suitable and no contraindications apply, you can book an appointment at a certified medical supply center.

2 Trial session
At the appointment, your child will try the suit during a one-hour stimulation session, with simple tests before and after. If the response is positive, a multi-week home trial may be offered.

3 Test & document at home
During the home trial, your child uses the suit regularly. A diary helps track progress and any changes.

4 Decision & long-term use
Together with your care team, you review the results. If successful, the doctor can prescribe the suit and you can submits the request to your health insurance or purchase the suit directly from your patient care clinic. After receiving the ***exopulse suit*** your child can move on to long-term use, often alongside physiotherapy and exercises.

646H492=en_INT-01-2511_J.indd 14 09.12.25 14:59

Notification

The information contained in this document is only intended for an audience outside the United States. Please note that the products described herein are not FDA approved. Not all products and services are registered or available for sale in all countries.

www.ottobock.com

© Ottobock · 646H492=en_INT-01-2511 · Technical changes and printing errors reserved.