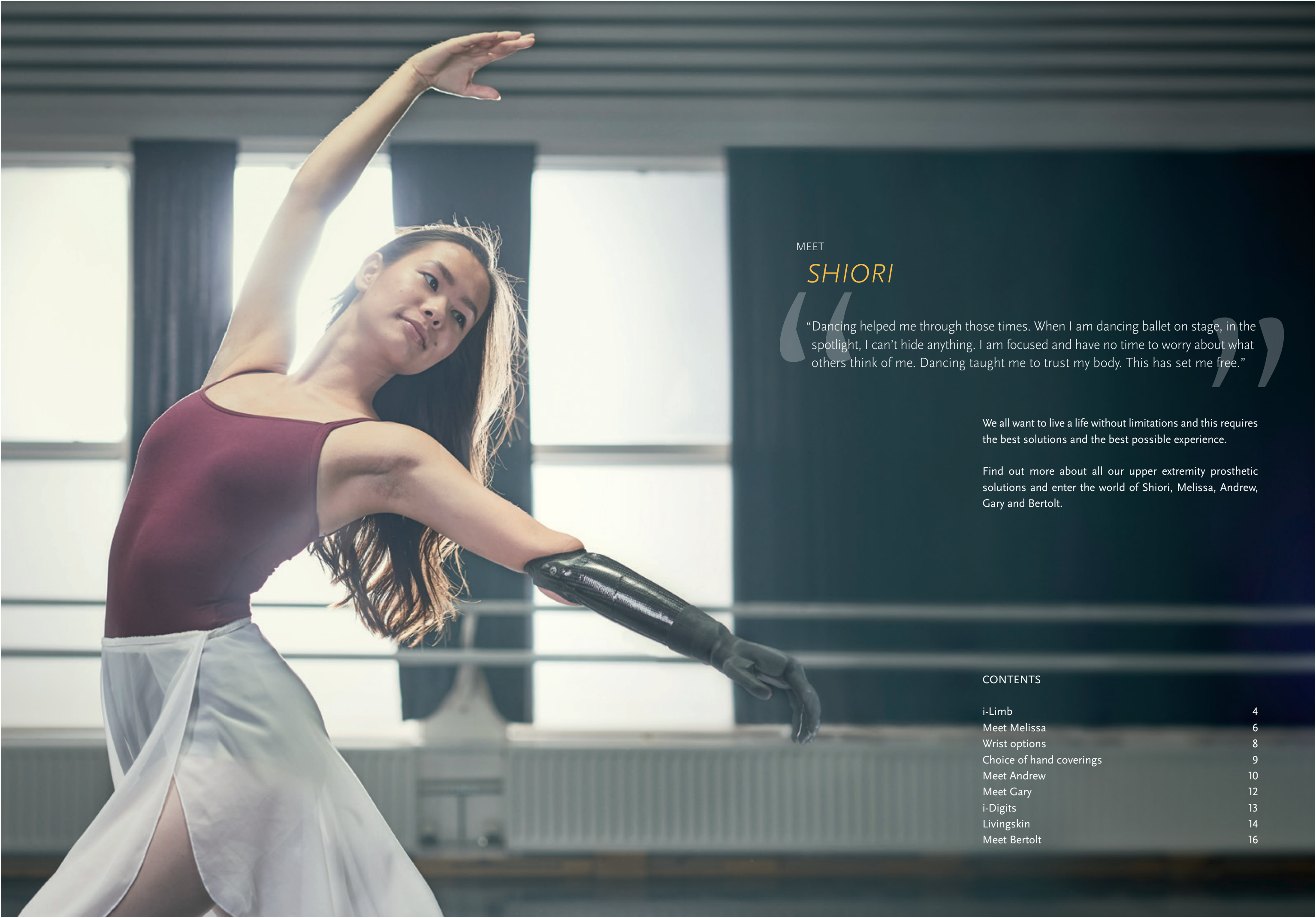




Touch Solutions

An upper limb prosthetic
solution for everyone





MEET

SHIORI

“Dancing helped me through those times. When I am dancing ballet on stage, in the spotlight, I can’t hide anything. I am focused and have no time to worry about what others think of me. Dancing taught me to trust my body. This has set me free.”

We all want to live a life without limitations and this requires the best solutions and the best possible experience.

Find out more about all our upper extremity prosthetic solutions and enter the world of Shiori, Melissa, Andrew, Gary and Bertolt.

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The i-Limb is an active hand prosthesis. Active prostheses include externally powered devices, which means their ability to move comes from a battery. The hand is a Bionic device, using artificial intelligence. This means it's operated by using sensors that are placed against the skin. The sensors pick up electrical signals that are emitted when specific muscles are used and these signals activate the prosthesis to move. This way, it mimics the movements of a natural hand.

The i-Limb is a full hand prosthetic device that closely mimics the appearance and function of a natural hand. It has five independently motorised digits and depending on the type of i-Limb, it offers the user up to 36 different grip options and up to four different methods to control the hand. Users can choose between four hand sizes (XS, S, M and L) and four styles of coverings to suit their individual lifestyles and needs.

With an i-Limb prosthesis, you can:

- Grasp an object and conform to its shape
- Mimic grips of the human hand with up to 36 different operating modes
- Gradually increase the strength of grip on an object
- Control the speed at which your fingers move to avoid crushing more delicate objects
- Activate a grip with a simple gesture*

i-Limb Quantum

i-Limb offers three different hands: i-Limb Quantum, i-Limb Ultra and i-Limb Access. The i-Limb Quantum hand is a multi-articulating prosthetic hand that has a unique way to change grips by using simple gestures. It offers precision, power, intelligent motion, the ability for the user to customise their own hand and offers a selection of four coverings to suit individual lifestyles.

Precision

All three i-Limb hands have five independently motorised digits with a thumb which can be manually (Access) or electronically (Ultra and Quantum) positioned, allowing for optimum skill, coordination and finesse in performing tasks.

For i-Limb Quantum, the motor in each finger is encased in titanium, which makes the hand tough enough to handle a wide variety of everyday activities such as carrying grocery bags, riding a bike and working in the garden.

Power

Users have the ability to use their muscle strength to adapt the hands grip strength and speed to their individual daily activities.

Intelligent motion

The i-Limb Quantum hand enables the user to choose between four control options to change the grip in their hand.

- **Gesture control*** - Users can easily change the grip in the hand with simple 'gesture' movements
- **App control** - Users can easily change the grip of the hand with an app
- **Muscle Control** - Users can change the grip in the hand with muscle control
- **Proximity Control*** - Users can change the grip in the hand using a grip chip, a small blue tooth device

Customisation

The user has their own my i-Limb™ app, which enables the user to customise their own hand for their own lifestyle and hobbies.

The app can help in the initial stages of training with the hand using a myograph for muscle signal training. The app also gives access up to 24 automated grips depending on the i-Limb, and the additional 12 fully customisable grips available to the user if required.

There are various i-Limb options available. Please speak to your CPO if you would like more information about the options.

For more information, please visit our website or our YouTube channel.

*Available on the i-Limb Quantum





MEET

MELISSA

“I used prosthetic hands when I was younger, but always found them a burden to use. However, as I got older, I grew more self-conscious about my arm, and even found myself being embarrassed about it at times. I also found myself getting frustrated if I struggled to do daily tasks that other people would find simple, such as tying my shoelaces or preparing a meal, even trying to carry more than one item at a time.

Since getting my i-Limb, I can now do these once difficult and time-consuming tasks with ease. Although my prosthetic hand has hugely helped me with performing these everyday tasks, it has most greatly helped me improve my confidence. Before I had my prosthetic, when people asked me about my limb loss there was an overwhelming element of pity. Now when people ask me, they are genuinely intrigued and impressed, and I feel proud to discuss my prosthetic with anyone who asks.

My prosthetic has increased my confidence in both my social and professional life. I'm no longer anxious when meeting new people, whether it be at a party or a job interview. I'm no longer worried that they will notice my arm. I feel my prosthetic hand gave me the encouragement I needed to strive for what I wanted.”



WRIST OPTIONS

There are two wrist options available (or a combination of both) for an i-Limb hand: an electronically powered wrist called 'i-Limb Wrist' and a mechanical Flexion Wrist.

Flexion Wrist

The Flexion Wrist is a mechanical wrist which allows the user to benefit from a full range of flexion and extension. It also has the option to lock the wrist in five different positions if needed for specific activities such as cycling or pushing shopping trolleys.

The wrist offers the ability to complete functional daily activities more comfortably with a reduction in compensatory movements.

The i-Limb Wrist

The i-Limb Wrist is a powered wrist, only available for below the elbow (transradial) prosthetic users.

When it is used in combination with the i-Limb Quantum hand it offers simultaneous control and direct rotation. The wrist will move the hand to the intended position, removing the need for the user to manually rotate the hand.

Simultaneous control*

When a user accesses a grip from any of the four options available to the i-Limb Quantum hand, the wrist will move to a pre-set position rotating the hand to allow the grip to be in the optimum position.

Direct rotation

The user also has the ability to move the wrist in any direction to rotate the hand to the correct position.

*Simultaneous control is only available with the i-Limb Quantum hand

CHOICE OF HAND COVERINGS

i-Limb Skin Active

i-Limb Skin Active covers are covers for users who love to show off the robotic look of their prosthesis. The palm and inner surface of the cover provide some frictional properties for slip resistance when gripping. The back of the glove is smooth to allow the hand to easily move through sleeves of clothing. Available in transparent and black.



i-Limb Skin Natural

i-Limb Skin Natural is a hand cover for users who like to have a more natural appearance of their prosthetic hand. Available in 18 different skin tones.



i-Limb Skin Contour

The i-Limb Skin Contour hand cover is made from durable, flexible silicone with the anatomical shape of a natural hand. Available in transparent and black.



i-Limb Skin Match

i-Limb Skin Match is a fully customised silicone covering designed to closely match the user's skin tone and features.



MEET

ANDREW

“I’ve been wearing a prosthetic longer than I can remember, and I never felt that there was anything I couldn’t do, but when I got my i-Limb, at 34, everything got better. The conforming grip and different grip patterns meant that every aspect of my limb use was improved in some way.

It all seems like small stuff, but it all adds up to a better quality of life. I’ve always been able to tie my shoes, but it turned out I’d never tied them tightly until I had the i-Limb Quantum.

I’ve been an i-Limb user for 6 years now and the pleasure I take in being able to hold a knife or a vegetable peeler to prepare food has not gone away. I can do things faster and more precisely than before, and I do things with my hands, and less so with shoulder and elbow compensation. I’m lucky to have an i-Limb.”





MEET

GARY

“After various surgeries, I was left with a stump which I hated looking at and often I hid it away. I had also lost a lot of confidence. Using i-Digits has helped me gain my independence back. I can now cut-up my own food instead of asking friends or family.

I love the robotic look of my prosthesis and they are a brilliant tool for the things you take for granted such as fastening my own shoelaces, using cutlery or carrying cases. These activities are all now possible. My prosthesis has had a massive impact on my confidence as I will happily chat or demonstrate the usefulness of my new hand. I consider my prosthesis as part of my body now. I will never get my hand back, but my prosthesis is a better replacement than I ever thought was possible and has had such a positive effect on my life.”

i-DIGITS®

i-Digits is a fully customised prosthetic device for individuals with partial hand loss or deficiency. Anywhere from one to five digits can be replaced. All digits can move independently and work in conjunction with remaining fingers.

Precision

There are two i-Digits: i-Digits Quantum and i-Digits Access. They have five independently motorised digits and a thumb which is manually positioned, allowing for optimum coordination and finesse in performing tasks.

Power

i-Digits Quantum users have the ability to adapt the digits grip strength and speed to their specific lifestyle needs.

Intelligent motion

The i-Digits Quantum enables the user to choose between four control options to change the grip in their device.

- **Gesture control*** - Users can easily change the grip in the device with simple ‘gesture’ movement
- **App control** - Users can easily change the grip in the device with an app
- **Muscle Control** - Users can change the grip in the device with muscle control
- **Proximity Control*** - Users can change the grip in the device using a grip chip, a small blue tooth device

For more information regarding the app or chips, please contact your CPO for your personal options.

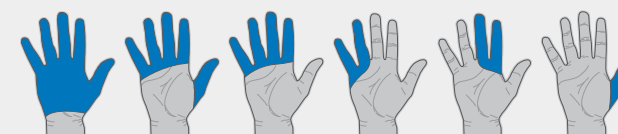


Customisation

Users have their own my i-Limb app, which enables them to customise their device for their specific lifestyle and hobbies.

The app can help in the initial stages of training with the device, using a myograph for muscle signal training. The app also gives access to up to 20 automated grips and 12 fully customisable grips, depending on the type of i-Digits.

*Available on the i-Digits Quantum



There are various i-Digits options available. Please speak to your CPO if you would like more information about the various options.

Livingskin are hand crafted prostheses, made from high definition silicone. They are hand painted and are designed to look very realistic. Freckles, hair and other details can be added to the prosthesis.

Livingskin are passive functional prostheses. They are a highly cosmetic solution, but they do support functions such as pushing, pulling and stabilising.

Livingskin products are available for a full hand, but also for partial hands, full and partial fingers and below and above elbow options.

Customisation

Custom sculpting and painting ensure an individualised fit including:

- Optimum match to users skin tone
- Personalised details with hair, freckles, moles or scarring

Functional capabilities

A Livingskin prosthesis can assist in daily activities such as pushing, pulling, stabilising, supporting, light grasping, and typing.

Custom painting

Skin colour and other features are beneath the outer clear silicone layer to prevent fading. Adjustable armatures may be fitted to allow prepositioning of each finger for specific tasks.

Silicone

Livingskin is made of silicone, which provides a versatile, durable and virtually stain-proof prosthetic option.

A Livingskin prosthesis can be used as a complementary solution to a myoelectric prosthesis to alternate as desired.



LIFE WITHOUT LIMITATIONS®

 ÖSSUR®



MEET

BERTOLT

“People come in all shapes and sizes: young and old, big and thin, gay and heterosexual, disabled and abled body. The ideal of an inclusive society means: All people have a right to participate.”



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