

General Device Information

Device Cleaning

- Clean the device with mild soap and water
- Air dry
- Liners should be stored with the gel facing inward to prevent debris from sticking to it

General Comfort

- Redness (present longer than 20 minutes after the prosthesis is removed), bruising, or other uncomfortable symptoms should be discussed with a prosthetist

Weather/Environment

- Devices are not to be submerged in water, unless specifically designed for such an activity
- If device is exposed to salt or chlorinated water, rinse immediately with untreated water
- Limit exposure to extreme heat and sun

When should I come in for an adjustment or repair?

Call to book an appointment if:

- Your activity level has changed
- The fit of your device has changed
- A change in weight has occurred
- Growth has occurred

Expectations of Care

RCC P/O Staff Should:

- Provide adequate information regarding device and care
- Consider client perspectives
- Provide functional testing and practice if required

Prosthetic device users should:

- Use device as directed by clinicians
- Care for device as discussed
- Discuss any design concerns or questions about device with clinicians as soon as possible

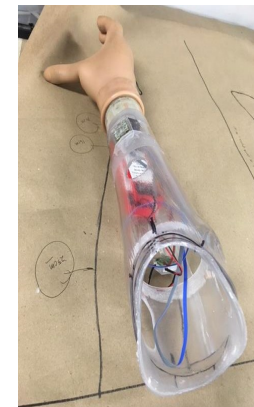


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A Clinical Guide to Upper Extremity Prosthetics Use



Rehabilitation
Centre for
Children:
Prosthetics &
Orthotics
Department



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Prosthetics Appointments

Evaluation and Casting (1-2 appointments):

At this appointment, your prosthetist will ask about your general medical history and perform a casting or scan of your limb

Appointment Length: 90 minutes

*Following appointment booked for:
1-3 weeks*

Fitting (2-5 appointments):

Your clinician will assure proper fit and alignment of your prosthesis and perform modifications to the socket as necessary

Appointment Length: 60-90 minutes

*Following appointment booked for:
1-3 weeks*

Delivery:

After confirming the final fit of your prosthesis, you will be taught how to properly:

- don and doff your device
- perform any specific functions of the device
- care and maintain the device

Appointment Length: 60-90 minutes

*Following appointment booked for:
1-4 weeks*

Follow up appointment:

Your prosthetist will confirm that your prosthesis is fitting and functioning well

Appointment Length: 60-90 minutes

*Factors affecting the length of time before the next appointment may include:

- Living arrangements
- Componentry ordered
- Type of device

Device Options

Devices are custom designed for patients based on multiple factors such as age, presentation, and other contextual factors

Interface

Masterflex liner - This liner accommodates growth, facilitates easy donning and doffing, and is often used with anatomical suspension methods

Roll on liner



Silicone - This liner is particularly hygienic, soft but durable, and works best with pin-suspension systems

TPE - This liner is able to be thermomoulded to the shape of your limb if necessary.

Suspension



Pin liner - This type of suspension is easy for donning and doffing a prosthesis



Harness - This type of suspension is easy to don and doff, as well as adjust. This suspension may often be paired with a cosmetic device or to help control a conventional device

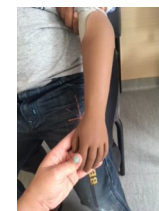
Anatomical suspension - Certain residual limb shapes allow for the prosthesis to suspend naturally from your arm, without the need for extra componentry.



Device Options

Terminal Devices

Cosmetic (passive prosthesis) - appears similar to sound limb side



Cable operated options - allows the user to perform specific tasks such as opening and closing, operated via a shoulder harness.

Options include:

- Hook terminal device or anatomical hand
- Option for voluntary open or voluntary close of hand

Myoelectric - Electrical signals from the muscles connect with electrodes on the device to allow user to open and close the hand

Recreational - many commercial and custom made options for a variety of specific tasks

Examples of recreational devices:

- Sports (hockey, golf, swimming)
- Music (violin, trumpet, guitar)
- Recreation (yoga, weight lifting, cycling)



Cosmetic Finishes



Laminated patterns - A variety of patterns are available, customizable by patient

Silicone or PVC gloves - This finish is made to look like the sound side hand