



Victoria
Hand Project

Prosthetic Arms for Amputees In-Need

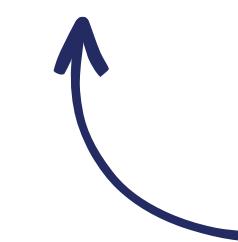
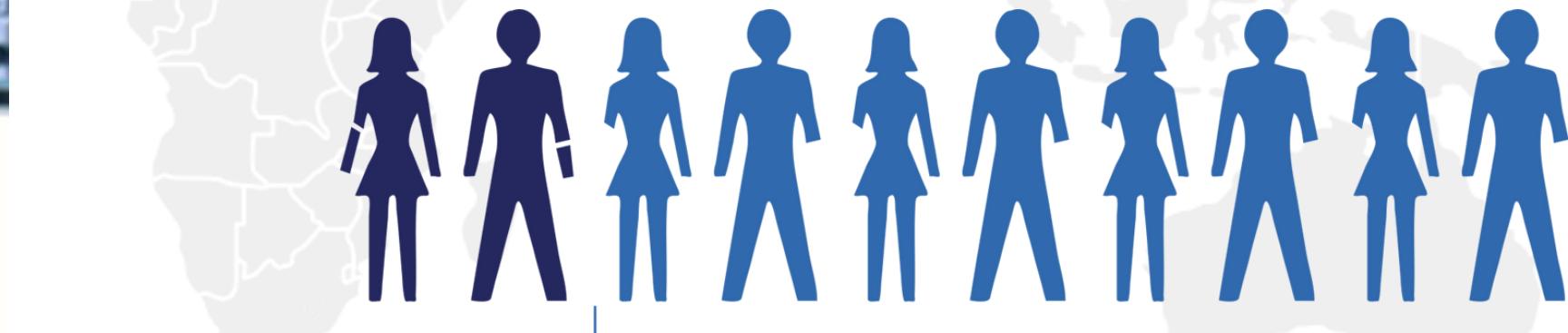
Canadian Registered Charity
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Need for Care

A vast range of causes result in alarming rates of upper-limb amputations worldwide – armed conflict, accident, disease, and lack of healthcare infrastructure. The WHO estimates that of the **3 million upper-limb amputees worldwide, 80% live in developing countries** and face extremely limited access to care. [1,2,3]



80% of people who face barriers to care live in developing countries.



Our Mission

Victoria Hand Project (VHP) is a charity with a mission to help amputees receive prosthetic arms worldwide.

We partner with prosthetists to provide our **functional, highly-engineered, 3D printed** prosthetic arms to amputees facing poverty or other barriers to receiving care. We fundraise to provide these hands free-of-charge to those most in-need.





Where We Are

VHP works with prosthetic clinics in **eleven countries** internationally, steadily expanding our reach to offer vital prosthetic care to more people in-need.





375+ people worldwide have
received a Victoria Hand





What We Do

We design prosthetic hands and implement user-friendly technology workflows. **[Our partners provide the clinical expertise](#)**; we provide the prosthesis. Together, we offer a complete service that supports the amputee and their community.

We provide equipment, supplies, and training, improving clinic capacity and enabling clinicians to provide new levels of care to help more people. This strengthens healthcare resiliency and builds institutional capacity for sustainable on-going care.





Patient-Centered Care

VHP offers a variety of different prosthetic arms so recipients have choice. Amputees can personalize a prosthetic arm to be best suited to their lifestyle or employment needs.



Amputees using a prosthetic device were found to score higher for **physical** and **mental** health^[4]

Prosthetic usage is associated with:

Higher levels of **employment**^[5]



Decreased **phantom limb pain**^[5]



Larger degree of **freedom** and **independence**^[5]





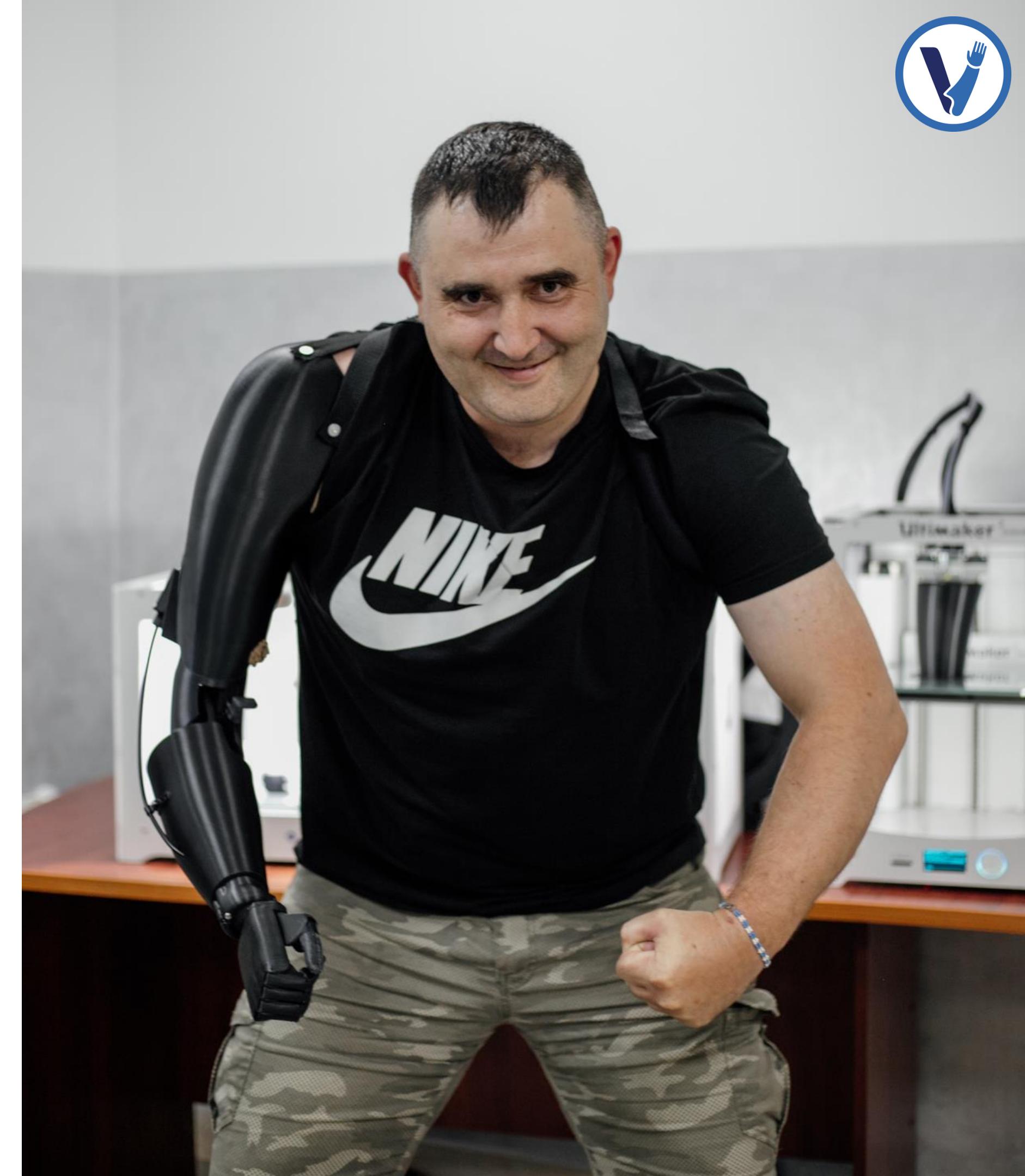
Accessible Care

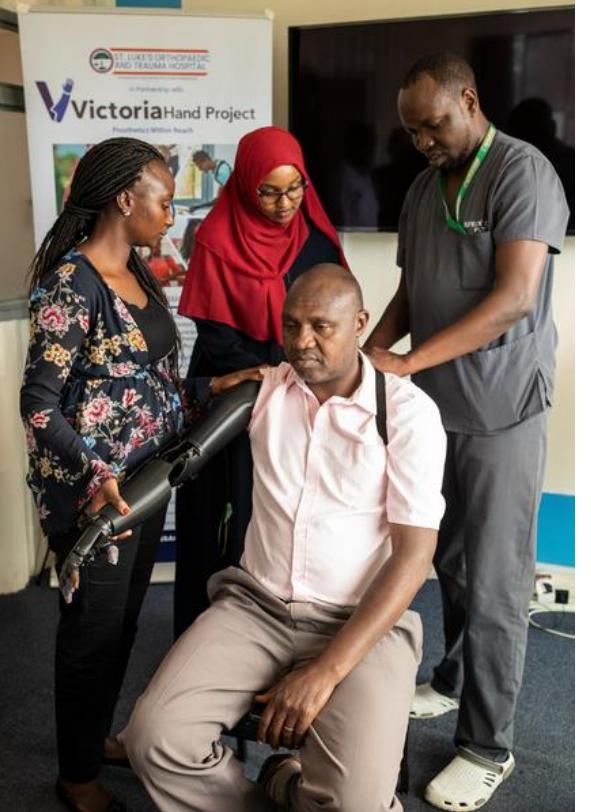
Traditional body-powered prosthetic arms, such as hooks, cost a minimum of **\$3000 USD^[4]**, which is too expensive for many to afford.



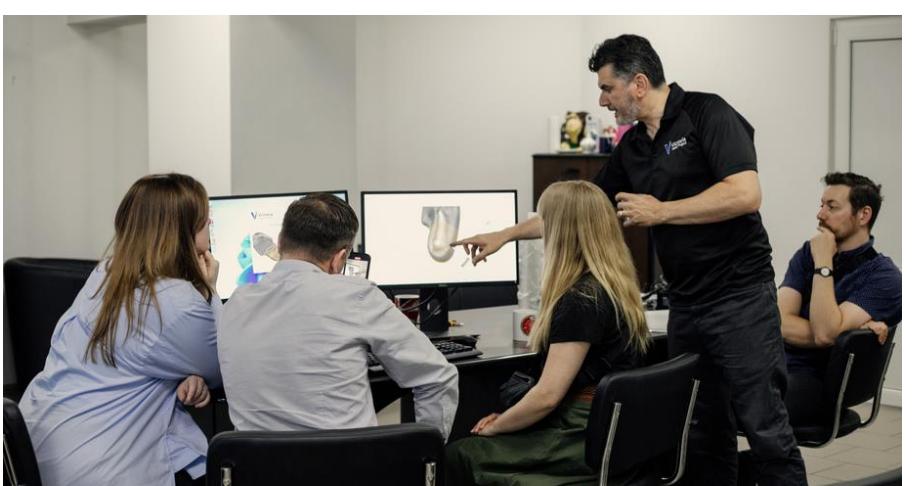
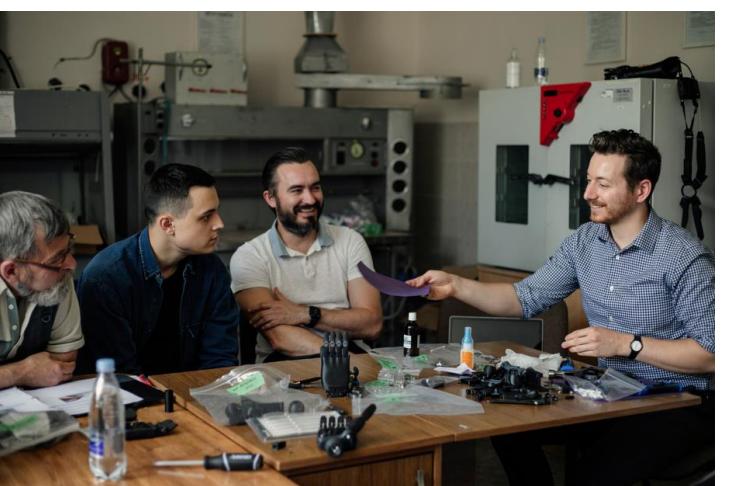
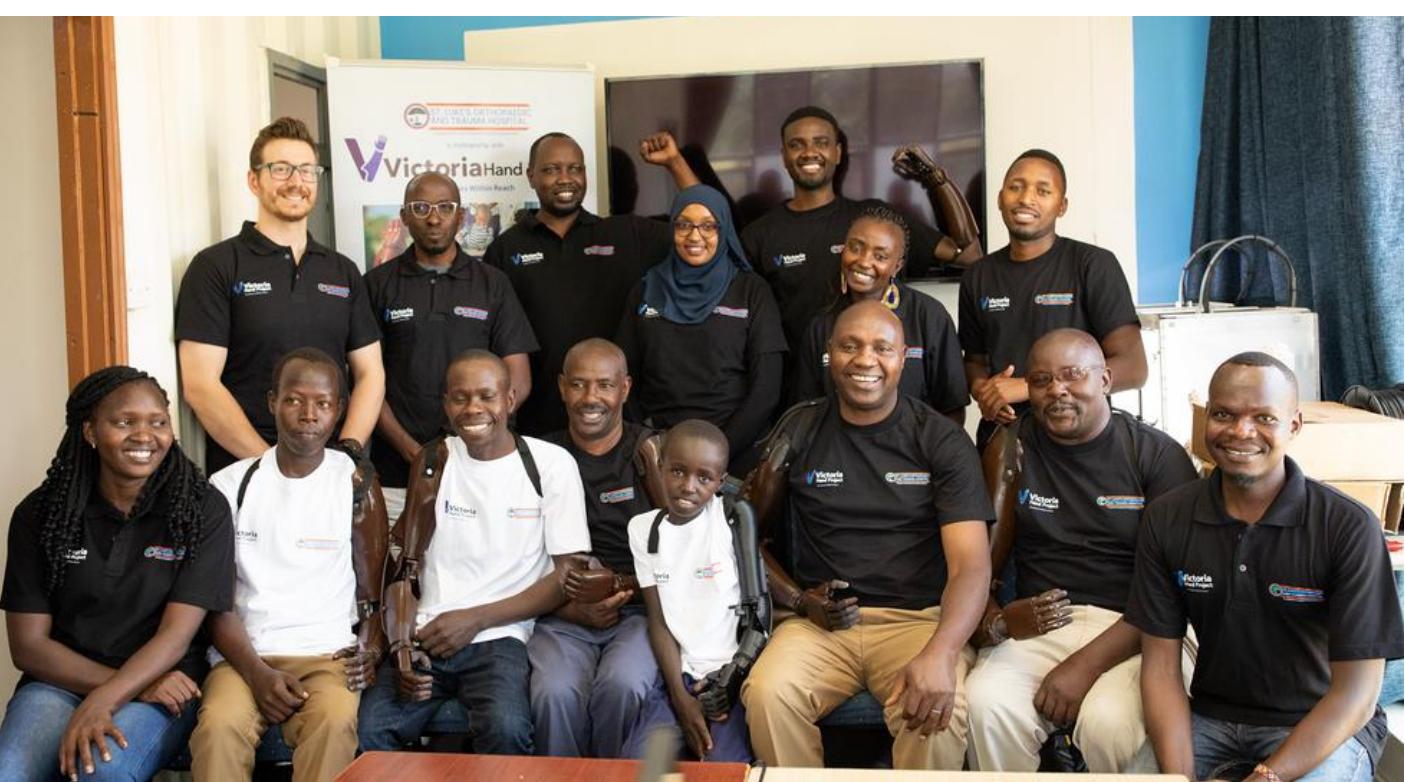
Traditional Body Powered Hook

The cost of a Victoria Hand is **10% of that cost**, only **\$300 USD**, which includes the material cost, and a stipend paid to the clinicians who make and fit the hands.





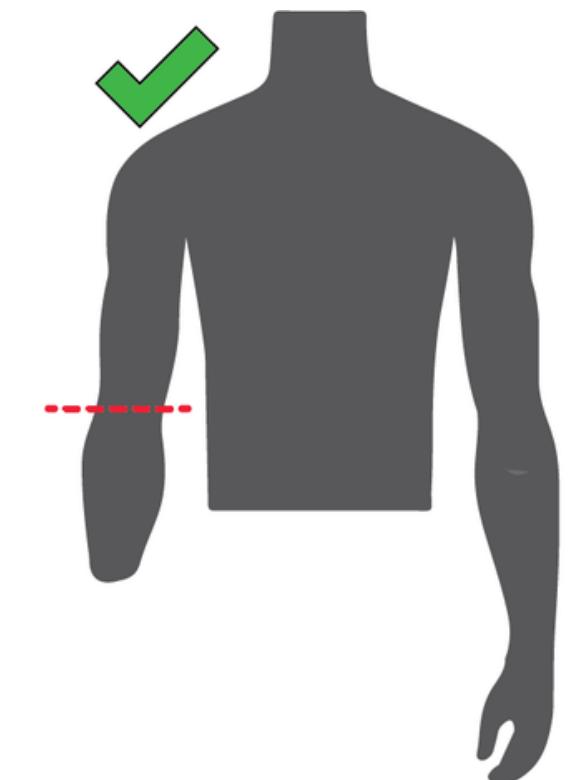
We believe in empowering clinicians
with knowledge and skills to foster
sustainable on-going prosthetic care.



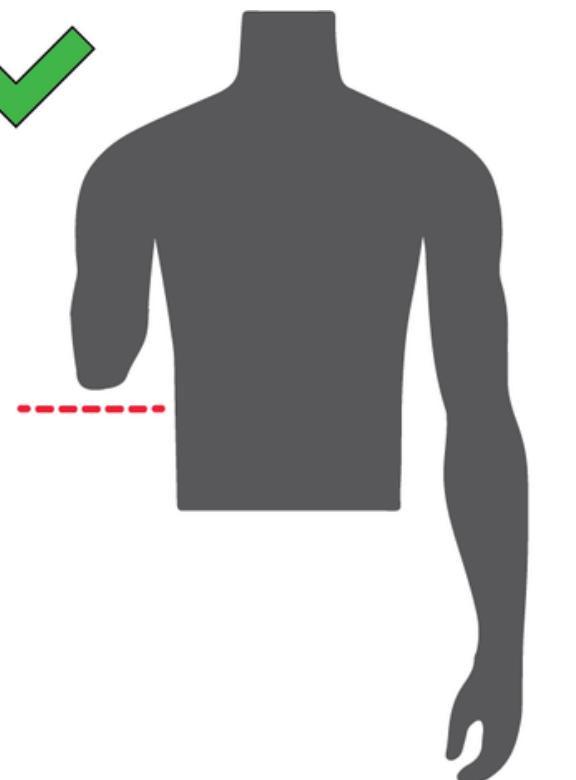


Victoria Hand Options

Using 3D printing and 3D scanning, VHP makes custom limb sockets for people with trans-radial or trans-humeral amputations.



Trans-radial
Below elbow amputation



Trans-humeral
Above elbow amputation





Victoria Hand Options

VHP offers a variety of different arms so recipients can choose the one that best meets their needs.

Voluntary Close



Voluntary Open



Small Hand



LimbForge





Victoria Hand Assistive Devices

Our partners can also print and assemble assistive devices, to be used with the Victoria Hands, for specific tasks!



The Gift of Independence

Receiving a Victoria Hand is transformative: functional prosthetic arms are an incredible tool to help amputees regain independence, hope, and opportunities to **live more fulfilling and happier lives**. The impact goes far beyond the recipient, with positive effects rippling through families, caretakers, and increased clinic capacity.



“To the Victoria Hand Project, I’m so happy because of what they are doing. They made my life better, made life easier, helped with healing psychologically. I’m so grateful, that is all I can say.”

- Lewis, Victoria Hand Recipient



“After 2 weeks using this hand I can say that it is very practical, it helps me in everyday life. It is really comfortable, I can put it on by myself, without help. Thank you Victoria Hand Project, you give hope to those who need it the most.”

- Andriy, Victoria Hand Recipient



“This is the first time I’ve had a hand like this. I feel like I was born again!”

- Bun, Victoria Hand Recipient





Our success in helping restore the lives
of amputees in-need **cannot continue**
without your support.

Please join us today, help to keep
#prostheticswithinreach



Victoria Hand Project

Contact Us

For any questions or
clarifications.

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Social Media





REFERENCES

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- [2] M. LeBlanc, “Give Hope - Give a Hand - The LN-4 Prosthetic Hand,” November 2008. [Online]. Available: <https://web.stanford.edu/class/engr110/2011/LeBlanc-03a.pdf>.
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- [4] Resnik, L. et al. (2012) “Advanced Upper Limb Prosthetic Devices: Implications for upper limb prosthetic rehabilitation,” *Archives of Physical Medicine and Rehabilitation*, 93(4), pp. 710–717.
- [5] Pasquina, C.P.F., Carvalho, A.J. and Sheehan, T.P. (2015) “Ethics in rehabilitation: Access to prosthetics and Quality Care following amputation,” *AMA Journal of Ethics*, 17(6), pp. 535–546.