



# Annual Report 2017

# A Year in Review

## DigiScan3D

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In March 2016, an app was created by LifeNabled to assist other prosthetists with digital scanning and shape capturing techniques for the iPad or iPhone. This app has been downloaded 2,462 times with use in 9 different countries



## Guatemala Clinics

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February 20th-28th  
July 31st - August 8th  
70 devices delivered

## Research & Development

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2017 was the 1st year we incorporated 3D printing into our Guatemala clinic with 3 upper-extremity patients currently using 3D printed devices. We are still involved in ongoing testing for lower limb prosthetics.

We're currently developing 2 new prototypes - (1) An adjustable socket to eliminate fabrication steps and be able to fit more patients in less time. (2) A new knee design that provides increased stability for patients and durable characteristics for the developing world.



## A New Look!

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Re-Brand with new logo and brand guidelines to help simplify and clarify our mission. We also revamped the following:

### OUR VISION

A world where all amputees have access to affordable prosthetic care.

### OUR MISSION Enable.Train.Serve

Through training and serving, we desire to enable other Prosthetists and mission groups around the world to provide simple and durable prosthetics in their corner of the world.

WE BELIEVE  
#HopeBegins  
with a prosthesis

## Funding

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Individual Donations:

**\$33,250**

Corporate Grants:

**\$25,000**

DigiScan3D Revenue:

**\$4,200**

Fundraisers:

**\$1,750**

# A Look Ahead

**In 2018 our goal is to raise an additional \$100,000 above our 2017 funding in order to accomplish:**

## PRODUCT DEVELOPMENT

### ITERATE DIGISCAN3D

We want to update the user experience of the app, and continually iterate on the function to increase usability and ease of modeling a prosthetic design.

### OFFER FULL PACKAGE SOLUTION:

A one-stop solution for developing world prosthetics - expert advice, thorough training on 3D printing and modular socket designs and access to affordable & durable components.

## RESEARCH & DEVELOPMENT

### PEDIATRIC NIAGARA FOOT MOLD

We want to collaborate and develop a durable mold that is ideal for pediatric patients.

Current Niagara Foot has over 10 years of proven success in the developing world. Inexpensive.

ISO tested to 2 million cycles (2 years of walking), and we have seen them last much longer Designed for harsh terrain and rugged environment (including wetness and moisture).

Provides a pediatric foot option for active kids at a fraction of the cost compared to the current, least expensive available options.

For use overseas and domestically.

### DEVELOP STABILITY KNEE

Currently we have a working prototype being digitized to begin trials. 100% stability, does not allow for unexpected bending on uneven surfaces.

Increased stability increases patient's confidence and in turn results in improved mobility.

### ADJUSTABLE SOCKETS

Designing a universal ready-to-fit adjustable socket.

## TRAINING & DEVELOPMENT

CE accredited courses for U.S. practitioners. Provide knowledge needed for other organizations interested in using 3D printing for prosthetics wherever they are serving around the world. Offer training in the skills needed for scanning, modifying and printing 3D prosthetics.



**TO LEARN MORE OR GET INVOLVED CONTACT US:**

**[LIFENABLED.ORG](http://LIFENABLED.ORG)**

# Hospital Shalom Spotlight:

## José Manuel

A young man's ten-year journey on how hope begins with a prosthesis.

Born at Hospital Shalom, José Manuel was born with congenital defects affecting all 4 of his limbs, his twin, however, had no abnormalities. Without prenatal care to anticipate his condition, José's mother had no idea that her son would be born with a defect. Exhausted from having just given birth, her heart sank when she realized that José had arrived into this world with challenges his twin would never have to face. Devastated, she cried with hospital staff, wondering how he would ever have a quality life living in a remote Guatemalan village.



And yet, four years later, when Hospital Shalom asked Brent Wright to run a prosthetic clinic on site, José Manuel was there; ready and eager to receive his first steps towards hope.

Over the past 10 years, José has continued to visit Hospital Shalom for adjustments or a new device as he grows. He has never let his disability stop him from doing anything he wants to do.

He walks over 2 miles every week to stay with a family member in order to attend school; he plays soccer, reads, writes, and a few years ago was determined he would learn how to ride a bicycle. His Mom told him, it's okay, there may be some things you are not able to do, but determined, he proved that nothing could hold him back.

Most recently, he has decided he wants to learn how to drive a motorbike. While this can be dangerous, it is also a significant milestone that could change his entire adult life; giving him the independence to drive himself to work and accomplish other life necessities.



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