



PENTA

2022 Annual Report

Vignesh (19) lost his leg to cancer as a child. Equipment from Penta enables him to assist his family in their work and pursue a degree in commerce.



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"I would not have achieved 90% of what I have today if not for Penta. This limb has tremendously changed my life."

- Son Vu, Vietnam



NOTE FROM EXECUTIVE DIRECTOR

Dear Friends and Supporters,

Penta Medical Recycling saw a year of unprecedented growth in 2022. We started the year working in fifteen countries and finished the year in twenty-five, reaching the major milestone of helping 1,000 people with limb loss across South and Central America, Europe, the Middle East, North and West Africa, and Asia. Our rapid expansion in new and existing regions of operation is the result of greater brand recognition of our achievements, the hard work of our growing team, and the generosity of our earliest & newest supporters. New opportunities representing the enormous global need for our work reach us weekly, and Penta's flexible logistical model, strengthened by the innovative tracking and distribution systems our team has developed, allows us to tap new sources through which to find limbs and provide this equipment where it is most needed.

This flexibility and forward-thinking approach helped Penta evolve into a leader in our space last year. I am proud to have watched Penta emerge as the go-to organization for foreign orthopedic centers, American prosthetists traveling overseas, amputees and manufacturers looking to dispose of equipment in a responsible manner, and even diplomats seeking solutions. Penta's team was able to react quickly and efficiently to outbreaks of crisis in countries such as Ukraine and Haiti. Delivering equipment to Ukraine represented Penta's first efforts in an active conflict zone, and the trials we overcame in accomplishing this displayed our capacity to leverage a vast network, provide a unique and much-needed service at scale, and lead collaborative action to tackle complex challenges.

In 2023, Penta will continue the strategic growth of our team, board, programs, and geographic scope. In particular, we are excited to undertake a new initiative focused on helping children with limb loss, and to bring on our first Director of Development. Looking back at our achievements and the tasks we have set for ourselves in 2023, Penta's team is more motivated and capable than ever before in providing mobility to those in need around the world. Our accomplishments are realized and our efforts are invigorated by the support of countless individuals and groups crucial to advancing our mission: the US limb-loss community and P&O industry leaders donating limbs; our Global Mobility Ambassadors, generous financial donors, and providers of essential pro-bono services; and our global partner organizations.

Thanks to your support, we are proud to have come this far. Looking forward, we are excited to share the stories of the hundreds more individuals to whom we will provide mobility and whose lives will be changed this year as a result of our great work together.

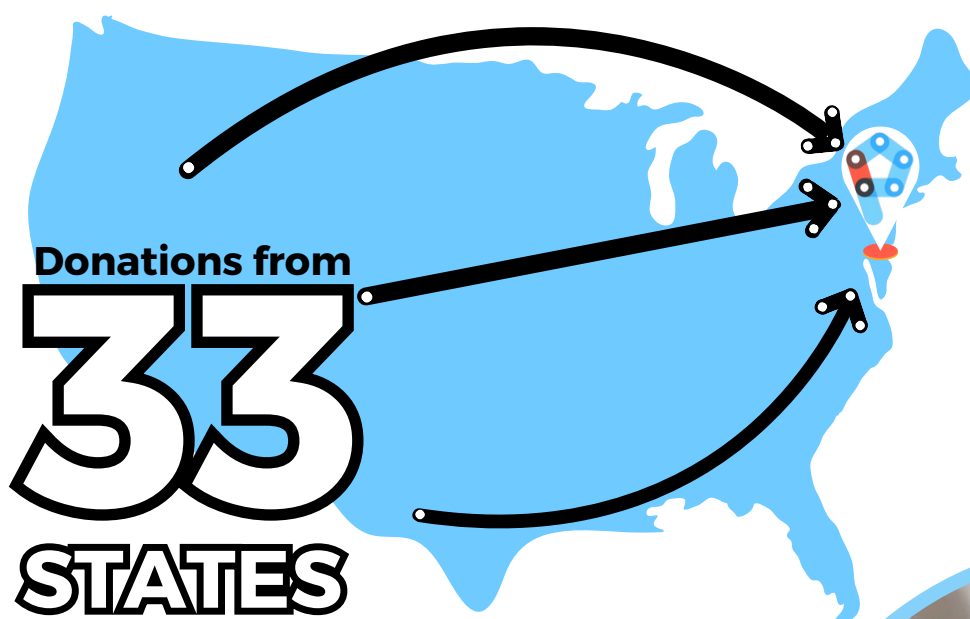
Henry Iseman
Executive Director
Penta Medical Recycling

2022 OPERATIONAL SNAPSHOT: DOMESTIC

Penta's primary objective is to collect discarded and used prosthetic limbs in the US and get them to people around the world who most need them. This process begins with Penta's domestic collection system which feeds our entire operation. Penta's collection effort is nation-wide and runs year-round, with contributions of replaced, returned, and unsold limbs coming to us from individuals with limb loss, clinicians, and prosthetic manufacturers.

Penta's 2022 collections grew to match our ever-expanding geographic scope and the global need for prosthetic limbs. We received nearly 3x the number of last year's limb donations:

3,100 Components
from **120 Clinics**
and **6 Industry Leaders.**



All the equipment Penta receives is dismantled, assessed, cleaned, and logged in a custom **Inventory Request System** developed by our team. This database provides a live snapshot of our stock to our global partners who can request items best-suited to their patients, communities, and environments.

2022 OPERATIONAL SNAPSHOT: GLOBAL

Penta recycles our collected components by sending them as-requested to our global network of health organizations providing prosthetic care. These implementation partners fit and maintain the equipment provided by Penta for their patients and provide our team with feedback and patient information.

In 2022, Penta established relationships with partners in **10 new countries of operation**.

30 Shipments to 22 Partners in 18 Countries

New York City, U.S.



La Romana, Dominican Republic



Lviv, Ukraine



Port-au-Prince, Haiti



Colombo, Sri Lanka



Lifetime Impact



9,000 Components = **\$100** Million = **1,000** Lives



PARTNER SPOTLIGHT

Penta works with nearly **40 organizations** spanning **25 countries**. These range from US-based nonprofits to foreign government health agencies, and from major orthopedic hospitals to small rural clinics. Each is an essential part of our operation.

Centro De Protesis: Dominican Republic

CENTRO DE PROTESIS
Y TERAPIA FISICA
SERVIR PARA TRANSFORMAR VIDAS



Centro De Protesis is the only provider of free prosthetic care in the Dominican Republic and has a waiting list of over 800 individuals. Penta sends regular shipments of equipment to help fill this immense need for equipment.

Read about some of our partners below and view our full list of partners on page 11.

Palestine Children's Relief Fund: West Bank & Gaza

PCRF provides medical care to children throughout West Bank and Gaza. This new partnership has inspired Penta to collect and distribute more pediatric-specific equipment and make this a larger operational priority.



Colombo Friend-in-Need Society: Sri Lanka



CFINS reaches remote communities around Sri Lanka by organizing regular medical clinics with a mobile prosthetics unit. Penta's equipment is delivered through these traveling prosthetic care clinics which serve amputees that would otherwise find it nearly impossible to access care.

Stepping into Grace: South Africa

SIG distributes prosthetics throughout South Africa and has partnered with Penta to receive and distribute more equipment. This new relationship was facilitated by the Limbs for Life Foundation and we are now a key provider of prosthetics for SIG's beneficiaries.



Penta's global partner network includes several US-based nonprofits in the prosthetics space: [Range of Motion Project](#), [Limbs for Life Foundation](#), and [Limb Kind Foundation](#).

These relationships include sharing equipment, contributing and compiling data, and collective shipping. This rarely seen collaboration in the nonprofit world represents our commitment to our shared mission: helping restore mobility to amputees around the globe.



MEET VENKATESEN

Venkatesen, 23, lost his leg in a motorcycle accident three years ago. **As a result, the gas station where he works cut his pay in half.** His father suffered a heart attack months later, and **Venkatesen became the sole provider for his family.** With his leg from Penta, Venkatesen has been able to find additional jobs to feed his family, such as delivering water in his neighborhood. Filling such an essential community role has helped him defeat much of the stigma he first faced as an amputee.

Venkatesen's story is a powerful testament to the physical, social, and economic mobility that Penta provides by recycling prosthetic limbs. His prosthesis enables him to move more easily, take on greater challenges, and provide for his family that relies on him. Penta is continuing to work with the Christian Medical College in Vellore, India, to make sure he always has equipment and can maintain that mobility as he continues to take on ever greater responsibilities.

KATPADI, INDIA



MEET HECTOR

CHOLUTECA, HONDURAS



Four years ago, Hector was an 18-year-old full of energy and dreams. On October 29, 2018, he was in a motorcycle accident that required him to have a **transfemoral amputation**. In Honduras, less than 10% of vehicles are insured against accidents and Hector was left with the enormous cost of his medical care before even considering paying for a prosthesis.

Hector had to drop out of school and find work to pay for his treatment, and he found **limited options due to stigma he faced**. In 2020, Hector made contact with the Choluteca Rotary Club, which could not provide prosthetic care due to his complex case but wanted to help. They searched continuously for an affordable solution until they contacted Penta this year.

After four years of waiting, Hector was walking within weeks. Penta was able to rapidly establish a logistical pathway to get Hector's and other patients' equipment to the Choluteca Rotary Club. **Penta's assistance reduced the cost of Hector's transfemoral prosthesis by 72%** and the mayor of Hector's town contributed the remainder.

A new life has begun for Hector, who is now a father. He wants to return to school and improve at work so that he can play with and provide a good life for his son. Penta's team is committed to continuously providing the equipment he needs to achieve this.

PENTA'S RESPONSE TO UKRAINE

As a result of Penta's flexible logistical model, we have been able to respond to both the urgent and long term needs of amputees in Ukraine. In the early weeks of the Ukrainian conflict, Penta was one of the first organizations in our industry to respond, shipping out hundreds of pieces of orthotic and limb-stabilizing equipment through our UK-based friends, Brace Orthopaedic. Since then, we have become increasingly involved in a variety of efforts assisting Ukrainian amputees, from directly sending equipment to helping reestablish long-term prosthetic care capacity.

Since April 2022, Penta has sent **over 500 prosthetic components to Ukraine**. This life changing equipment was delivered to Tellus Prosthetic and Orthopedic Care Center in Odessa, Arol Plus and Unbroken in Lviv, and Razan Prosthetics & Rehabilitation Center in Ternopil treating both civilian and veteran populations. We have plans to continue shipping equipment to Ukraine well into 2023, and we are working towards formalizing new relationships with partners in other areas of Ukraine.

While the focus of our work in Ukraine is to provide prosthetic devices, we have been able to facilitate additional aid as well by mobilizing our vast network of partners to respond to other urgent needs. In the spring of 2022, Penta connected several Ukrainian aid groups with Partners for World Health (PWH), resulting in PWH sending a container of life-saving medical supplies and equipment **totaling over 20,000 pounds**. We continue to leverage our vast and strong network of partners to provide help however and wherever we can.



Tellus Clinic in Odessa

Airlink

One of Penta's shipments to Ukraine was sent through Airlink, a global humanitarian organization delivering critical aid to communities in crisis by providing airlift and logistical solutions to nonprofit partners. Through our partnership, Penta was able to ship hundreds of pounds of equipment to Ukraine and Thailand, helping us to efficiently reach more amputees.



Working Together

When the war broke out, individuals and organizations spanning the US prosthetics industry have been meeting regularly to discuss and respond to the ever-changing need for mobility assistive technology in an area of active conflict. The groups involved in this collaborative effort include Penta, Limbs for Life Foundation, American Orthotic and Prosthetic Association (AOPA), Amplitude Magazine, and individuals from Wake Forest University. Together we have been able to combine resources and share information to increase our impact and ensure the needs of Ukrainian amputees are being met.



Arol Plus in Lviv

2022 EVENTS

LIMB DISASSEMBLY DAY

Penta hosted its very first **Limb Disassembly Day** in November 2022! Organized in partnership with a local Brooklyn chapter of Outdoor Service Guides, our LDD brought together community members including the scouts themselves, Hanger Clinic prosthetists, and one of Penta's new Global Mobility Ambassadors, Robert Rodriguez. Our team loved hearing how many of the kids were eager to learn and had questions about limbs, mobility, and the field of P&O.

We have been fortunate to receive substantial media coverage and recognition this year with tremendous support from our pro-bono PR and Marketing team at Rubenstein. This coverage includes:

Medium Magazine: a profile on Penta Medical Recycling and our Executive Director, Henry Iseman

NY1: Coverage of our third shipment to Ukraine

Brooklyn News 12: Coverage of our Limb Disassembly Day

A PENTA DONOR MEETS HIS MATCH

In March 2021, a young boy in Blue Bell, Pennsylvania, named Chase took a look at his bedroom. As a quadruple amputee since early childhood, **he had many old limbs under his bed and in his closet.** Chase realized that **this equipment could go a long way in helping another child with limb loss** and, in a gesture of incredible generosity, donated all of his old equipment to Penta.

At the same time, Penta was developing a relationship with an organization in Liberia, Elizabeth's Legacy of Hope (ELOH), which works primarily with pediatric patients. After receiving Chase's legs, ELOH was able to **match the components up with a recipient: a young boy named Samuel who loves soccer and aspires to be a doctor and pilot!**



Samuel, Liberia



On April 15th, 2022, Penta was able to coordinate a meeting between the young boys via Zoom so they could formally meet for the first time. The call was also attended by our Global Mobility Ambassador **Reggie Showers**, who was able to share his own experiences as an amputee with them. It was incredibly special to have both of the boys meet from half a world away, hear each other's personal experience with limb loss, and share what mobility means to them.

NEW PENTA LEADERS

This year, we added a new member to our Board of Directors and two new Global Mobility Ambassadors:



Susan Levine from Sonoma, California, is Penta's newest board member. She started her career at Lehman Brothers before raising institutional capital for investment funds for Cowen Inc, a mid-sized investment bank located in New York. Susan retired in 2006, when she moved to Sonoma. She is involved in her local community there, currently serving as president of the Sonoma Valley Mentoring Alliance, which matches caring adults with children who would benefit from emotional support. Susan and her husband mentor 14-year-old Erwin, who has been part of their lives for seven years. Susan is also vice chair of the board of Reconstructing Judaism and was previously on the board of her alma mater, Swarthmore College. She is also a double amputee, having recently undergone osseointegration surgery on her left leg and looks forward to resuming a physically active life.

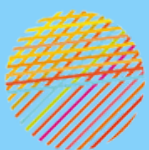
Pollyanna Hope is a UK-based dancer who is one of few people in the world to have a prosthetic leg customized for en-pointe ballet dancing. This prosthesis helps Pollyanna to dance at an elite level, helping her land coveted spots at the London Contemporary Dance School and the English National Ballet Youth Company. In November 2021, Penta hosted a fundraiser that featured several performers with amputations and we were honored to have Pollyanna among the featured dancers. She has since joined Penta as a GMA and is also affiliated with our partner organization 'Elizabeth's Legacy of Hope,' working with amputees in Liberia.



Robert Rodriguez is best known for his incredible athletic achievements, including competing as an elite paratriathlete and playing on the USA Amputee Soccer team for several years. He has also been on television shows such as American Ninja Warrior, Ink Masters, 7 Seconds, and more, all the while working on advancing representation for the limb-difference community and showing the world how societal perceptions of "disability" are different from reality. Rob spreads awareness and inspiration as a public speaker through his organization, Limb Possible, and also serves on the board of the Limb Kind Foundation.

NEW FOUNDATION SUPPORT

In 2022, Penta was very fortunate to receive grants from **two new foundations!** We are proud to have both of these foundations behind us in our global mobility-restoring efforts.



KARL KAHANE
FOUNDATION

Funding from KKF was allocated for our work in Ukraine. Support from the Karl Kahane Foundation represents the first time Penta has received funding from an international foundation.



Dorothea|Haus|Ross|Foundation

Support from Dorothea Haus Ross Foundation represents the first time Penta has sought funding for a specific program. Funding from DHR will be used to support our work with children with limb loss.



OUTLOOK

Penta's story of success will continue next year with new responsibilities, programs, and parts of the world in which we will be delivering our service. May 2023 will mark Penta's 5th birthday—half a decade since the organization was incorporated and began expanding its life-changing mission. We have accomplished an enormous amount in that time and look forward to using this birthday as an opportunity to benchmark our progress, assess our priorities, and prepare for the next stage of our growth.

Penta now operates as an authority and go-to organization in our field, and we intend to use this position to advance our mission even further. Penta's already substantial impact is just the beginning. Our team is setting our sights on engendering system-level change for the persons with disabilities around the world to whom we seek to provide mobility.

LIST OF IMPLEMENTATION PARTNERS

BOLIVIA: Fundación Prótesis para Bolivia (FunProBo)

CAMEROON: OMAPEHIV Douala Clinic

DOMINICAN REPUBLIC: Centro de Prótesis

ECUADOR: Range of Motion Project, Prótesis Imbabura

GUATEMALA: Range of Motion Project

HAITI: Hôpital Adventiste d'Haïti, Haiti REH-CARE, Loma Linda University, ProPhy Care

HONDURAS: Rotary Club, Choluteca

INDIA: Christian Medical College (CMC) of Vellore

JORDAN: Syrian American Medical Society (SAMS)

KAZAKHSTAN: CyborgBase

LEBANON: Anera

LIBERIA: Device Orthopedic Outreach Rehabilitative International Services (DOORIS)/ Elizabeth's Legacy of Hope (ELOH)

MEXICO: Shelter of His Wings

MOROCCO: Groupe AMH

NIGERIA: Halal Foundation

PALESTINE: Anera, Palestine Children's Relief Fund (PCRF)

PAKISTAN: Pakistan Institute of Prosthetic and Orthotic Sciences (PIPOS), Fauji Foundation

SOUTH AFRICA: Stepping into Grace

SRI LANKA: Lanka Fundamental Rights Organization (LFRO), Colombo Friend in Need Society (CFINS)

THAILAND: Sirindhorn School of Prosthetics and Orthotics (SSPO)

TOGO: African Organization for the Development of Centers for People with Disabilities (OADCPH), Ecole Nationale des Auxiliaires Médicaux (ENAM)

UKRAINE: AROL Plus, Brace Orthopaedic, Kind Deeds, Razan Prosthetics and Rehabilitation Center, Tellus Prosthetic and Orthopedic Care Center

VIETNAM: Ministry of Health's Young Physicians Association

UGANDA: World Action Fund

UNITED STATES: Limbs for Life Foundation

***GLOBAL DISTRIBUTING PARTNERS*:** Partners for World Health

THANK YOU TO OUR SUPPORTERS

All of Penta's work and accomplishments are made possible by the generosity and commitment of our supporters, partners, donors, and an immense amount of collaborative effort.

Top Institutional Donors

**Bloomberg
Philanthropies**

**Morris & Alma
Schapiro Fund**

Yale University

**Dorothea Haus
Rose Foundation**

**Janet & Arthur Ross
Foundation**

Brown University

**Rosenthal Family
Foundation**

**Karl Kahane
Foundation**

Ford Foundation

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WillowWood

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SUPPORTING COMMUNITIES IN CRISIS

college park

KNIT-RITE
THUASNE



ST&G
USA CORPORATION

BREG

BE A PART OF THE MOVEMENT

Today, there is an incredible need for a supply of usable P&O equipment in most of the world outside of the US.

And the need is growing. Of the 60-100 million amputees around the globe, more than 90% of them cannot afford or access prosthetic care or equipment.

You can help. To address this growing need, Penta built a global network of facilities and professionals to provide quality P&O care and equipment to people in need.



Get involved today and support mobility in 2023. Here's how you can help:

DONATE FINANCIALLY

Option 1. Visit our website at pentaprosthetics.org.

Option 2. Scan the QR code below to donate instantly



Option 3. Send a check to the following address:

Penta Medical Recycling
500 Park Avenue, Floor 8
New York, NY 10022

DONATE EQUIPMENT

Step 1. Visit our website at pentaprosthetics.org.

Step 2. Click [Donate a Limb](#)

Step 3. Create and print your prepaid shipping label (Penta covers the cost of shipping!)

Questions? Email us at donations@pentaprosthetics.org



Spread the word

Join our social media community

