

# 2025 Mexico-USA Friendship Conference & Global Grants Exchange

October 31st- November 3rd 2025

**LIMBS  
FOR  
HUMANITY**



**Rotary Club Mar de Peñasco (Puerto Peñasco)**



## **LIMBS FOR HUMANITY**

**Disease Prevention  
&  
Treatment**



## COMMUNITY NEEDS



# GENERAL OVERVIEW



## DESCRIPTION

In Mexico, thousands of people still lack access to even the most basic medical care. For many, a simple doctor's visit is an unreachable luxury. Among them, there's a group that has been especially forgotten — those who have lost a limb.

In restoring hope and movement through the **Limbs for Humanity** prosthetics program, this grant will assist in establishing a self-contained facility to provide prosthetic services to amputees in Mexico who do not have access to these life changing devices. It will also provide the ability to measure, manufacture, and fit lower limb (leg) prosthetic devices in 2 to 3 days instead of the current 2 to 3 months.

The goal is to further the opportunity for every amputee to have the opportunity to walk, run, and play with dignity and independence.

## AREA OF FOCUS: Disease Prevention & Treatment

### OBJECTIVES

1

#### **Strengthen prosthetic clinic in Puerto Peñasco: Limbs for Humanity**

Provide materials and tools needed for pro bono prosthetic specialists to continue creating high-quality prosthetics efficiently, enabling more frequent clinics.

2

#### **Diabetes prevention awareness and training**

Promote awareness programs for early detection and treatment of diabetes related wound treatment through training of community volunteers. (In collaboration with M-HEAL at the University of Michigan)

3

#### **Reach more people across Mexico**

Expand impact so more patients can receive care and support, no matter where they come from or what their circumstances are.

4

#### **Improve the quality of life of beneficiaries**

Commitment to improving the quality of life for individuals who have lost limbs, enabling them to regain independence and live fulfilling and productive lives.

# PROJECT GOALS

- **Enhance establishment of self-contained prosthetics facility in Puerto Peñasco & Reduce prosthetic delivery times**

Provide the local Limbs for Humanity project with the necessary equipment, tools, and materials to optimize production and fitting of high-quality prosthetics.  
Accelerate manufacturing and distribution processes to decrease delays in delivery.

- **Increase the number of beneficiaries served across region**
- **Promote awareness campaign as to early detection of diabetes and wound care**
- **Strengthen program sustainability**

Implement strategies to reduce costs and secure long-term resources, ensuring the project can continue transforming lives year after year.



# COMMUNITY NEEDS

Write a brief description of the Need

## THE COMMUNITY

- Across Mexico, there are approximately 75 amputations performed daily, equivalent to more than 25,000 people a year (Instituto Nacional de Estadística y Geografía)
- Mexico has an estimated 3 million amputees due to the high prevalence of diabetes. Diabetes is a major cause of lower-extremity amputations, which can lead to a significant reduction in quality of life.
- This nationwide context highlights the importance of recognizing and addressing the needs of amputees in Sonora.
- Individuals with limb loss face numerous challenges, including social isolation, low self-esteem, financial difficulties and discrimination, emphasizing the importance of support and resources for the amputee community.

## THE BENEFICIARIES

In collaboration with Rocky Point Medical Clinics in Puerto Peñasco, Limbs for Humanity has assisted more than **450 people** from all over the country since **2019**, represented as follows:

- **San Luis Rio Colorado 50%**
- **Mexicali 15%**
- **Sonora (including Hermosillo, Puerto Peñasco) 12%**
- **Tijuana and Sinaloa 10% each**
- **Patients from Puebla, Chiapas, and Guanajuato 1% each**

**Majority of patients are adults:**  
**90% men, 9% women, 1% children**

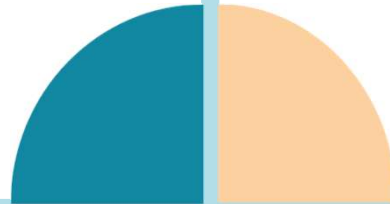
**Reason for initial amputation:**  
**90% health issues (diabetes), 10% accident/other**

**Puerto Peñasco patients since 2019: 110**

80 men, 29 women, one young girl

Of the Puerto Peñasco sample of patients:

- 90 of the amputees were due to diabetes
- 9 accidents
- 1 (child) due to infection from insect bite



# IMPLEMENTATION

1

## FIRST STAGE

### Community Health Awareness

In collaboration with the University of Michigan, door-to-door visits across Puerto Peñasco, informing the community about the project and raising awareness on early detection of diabetes and wound care.

3

## THIRD STAGE

### Prosthetic Fabrication

Once a candidate is identified, the prosthetic is produced using the clinic's materials and tools. This process allows each prosthetic to be customized to the patient's physical characteristics and requirements, ensuring comfort and functionality.

## SECOND STAGE

2

### Patient Assessment

Each possible beneficiary is evaluated to verify economic vulnerability and determine if they are a candidate for a prosthetic device. This assessment, performed by prosthetic professionals of Limbs for Humanity, ensures that support reaches those who need it most and that the prosthetic is appropriate for their needs.

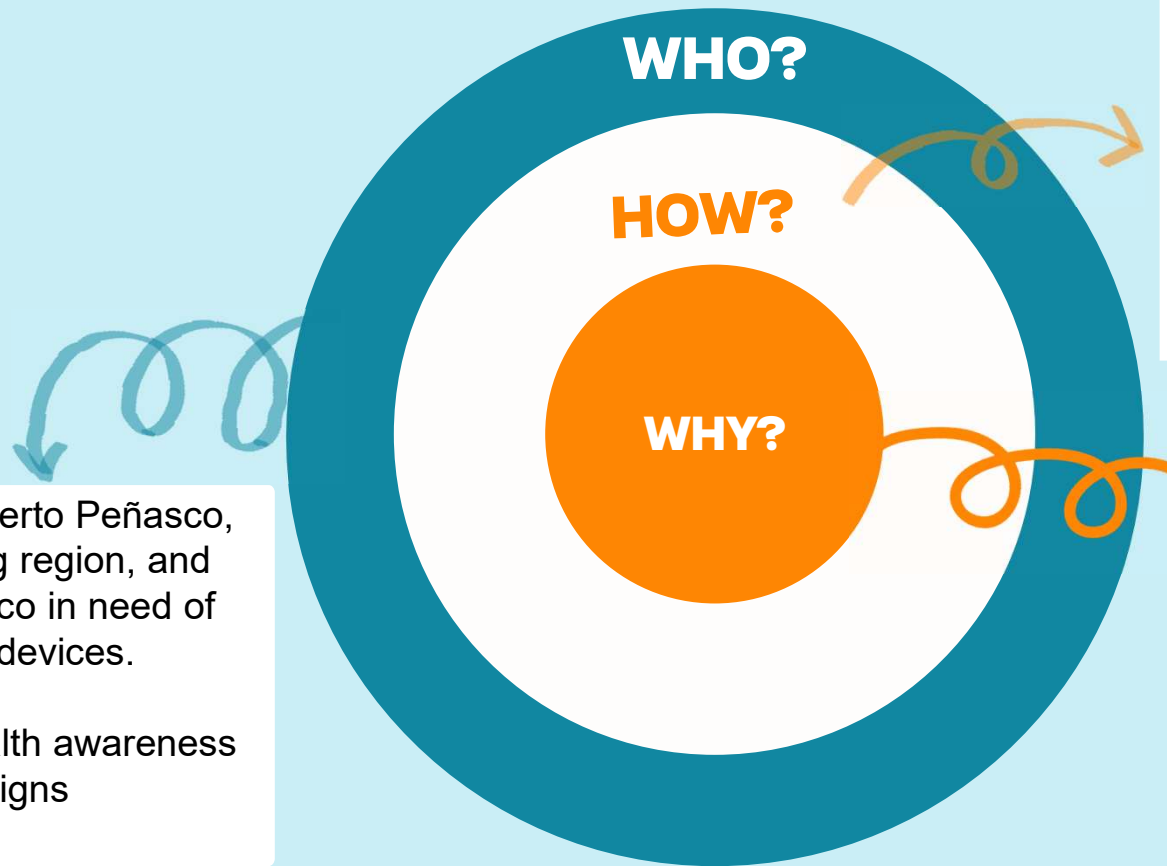
## FOURTH STAGE

4

### Prosthetic Delivery and Follow-up

The patient receives their prosthetic along with close follow-up (Limbs for Humanity team): verifying proper function of prosthetic, make necessary adjustments and maintenance, and provide guidance so that patients can fully benefit from their new mobility and improve their quality of life.

# SUSTAINABILITY



Individuals in Puerto Peñasco, the surrounding region, and beyond in Mexico in need of prosthetic devices.

Community: Health awareness campaigns

- Partner with hospitals and clinics to provide early intervention in diabetes related wound treatment.
- Train local community volunteers in treatment skills necessary for amputee rehabilitation and physical therapy.
- Implement a tiered payment system to balance subsidized and standard care services.

- Enhanced program will be instrumental in attracting certified prosthetic practitioners to regularly visit Puerto Peñasco to treat amputees pro bono.
- Community awareness on early diabetes prevention and wound treatment
- Community volunteers to assist with amputee rehabilitation and physical therapy

# BUDGET AND FINANCING



## BUDGET STRUCTURE

<u>Category</u>	<u>Cost (USD)</u>
<b>Major Equipment:</b> vacuum pump system, cast work stations, air compressors, fume hood, treatment tables, ....	49,300
<b>Power Tools:</b> Sander, drill press, grinder/Sander, band saw, ...	7,400
<b>Casting &amp; Molding:</b> plaster mixing station, reinforcement materials, silicone & alginate molding kits, ...	5,200
<b>Hand Tools</b>	1,850
<b>Safety &amp; Ventilation:</b> safety goggles, fire extinguishers, respirator masks	5,600
<b>Patient Fitting:</b> fitting stand	1,500
<b>Office &amp; Storage supplies:</b> shelving, computer / printer, cabinets	7,700
<b>Signage</b> (additional printed material provided by the University of Michigan)	3,000
<b>Total</b>	<b>86,650</b>

## SOURCE OF FUNDING

Host Club CR Mar de Peñasco	\$20,000
District 4100 DDF	\$5000
80% WF match	\$4000
<b>International Partner</b>	
<b>St. George, UT</b>	<b>\$5000</b>
<b>Intl. Partner D5420 DDF</b>	<b>\$10,000</b>
<b>80% WF match</b>	<b>\$8000</b>
Rotary Scottsdale Sunrise	\$500
Rotary Sun Lakes	\$272
Peoria North Rotary Club	\$800
RC Cuernavaca	\$250
<u>Prescott Sunup Rotary Club</u>	<u>\$1000</u>
<b>Total pledged</b>	<b>\$54,822</b>
<b>Pending funding</b>	<b>\$31,828</b>

## PROJECT LOCAL COMMITTEE:



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**Oscar Palacio**



**Loli Monteverde**





**THANK YOU**