



## VISION

MiracleFeet envisions a world in which all children born with clubfoot receive treatment, enabling them to live productive, active, and healthy lives.



## MISSION

MiracleFeet increases access to proper treatment for children born with clubfoot in developing countries through partnerships with local health providers.



## APPROACH

MiracleFeet-supported partners deliver free, high-quality clubfoot treatment within existing public health systems for all children in need. By providing organizational and financial support, MiracleFeet enables partners to treat children born with clubfoot for an average of \$250 per child, transforming their lives forever.



Cover image from Liberia via Lauren Wall.

Above photo from World Clubfoot Day celebrations in Tanzania via Lillian Boelke.

## THE GLOBAL PROBLEM

### 1 MILLION CHILDREN AFFECTED AROUND THE WORLD



1 child is born  
with clubfoot  
every 3 MINUTES

**80%** OF  
CHILDREN

80% of children in low-resource  
countries lack access to treatment

#### CLUBFOOT IS A COMMON BIRTH DEFECT

Clubfoot is a common birth defect that causes one or both feet to turn inwards and upwards. Because clubfoot makes walking difficult and painful, untreated clubfoot is a root cause of life-long poverty, illiteracy, and abuse in developing countries. The MiracleFeet solution increases access to treatment in low-resource countries, so that children can run, play, and attend school.



#### WHY ARE THEY NOT TREATED PROPERLY?

- Lack of Awareness
- Poverty
- Lack of Clinics & Trained Providers
- Transportation Issues
- Limited Access to Brace

#### IMPACT of UNTREATED CLUBFOOT

POVERTY NEGLECT  
ABUSE **STIGMA**  
ISOLATION PAIN  
**ILLITERACY**



# THE MIRACLEFEET SOLUTION



-  Identify Partners
-  Offer Ponseti Training
-  Provide Supplies
-  Distribute MiracleFeet Brace
-  Expand Number of Clinics
-  Measure Impact

## WE USE THE PONSETI METHOD

-  Plaster casts are applied weekly for up to 8 weeks.
-  Simple procedure called tenotomy improves ankle flexibility.
-  Specialized braces are worn to maintain correction.

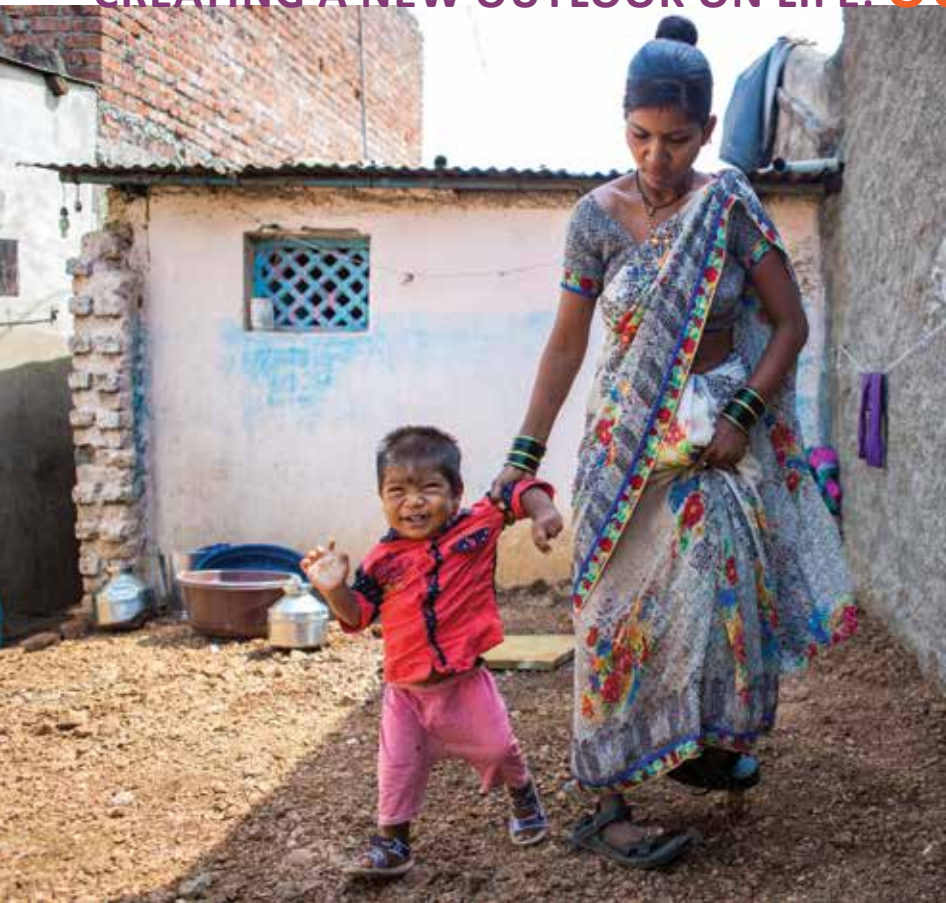


**17k**

## CHILDREN IN TREATMENT

Over **17,000** children in treatment in more than **140** clinics in **14** countries. Treatment is provided free or at minimal cost to all families.

# CREATING A NEW OUTLOOK ON LIFE: OUR VISION



## Changing how clubfoot affects future generations

Many of the world's problems are overwhelming; clubfoot is one we can solve. With our initial goals accomplished, we have shifted our long-term focus to ending untreated clubfoot as a source of disability and poverty on a global scale. Our *15-year Eradicate Untreated Clubfoot Plan* details how MiracleFeet, in collaboration with other members of the Global Clubfoot Initiative, will solve the problem worldwide.

15-YEAR ERADICATE  
UNTREATED CLUBFOOT

PLAN



TOTAL INVESTMENT  
NEEDED:

\$100M OVER A  
15-YEAR PERIOD

## WHAT DO WE NEED TO DO?

The total investment needed is relatively low compared to most global health initiatives. The key is for local governments to fund programs eventually, allowing outside support to be reduced to less than \$3M a year.

MiracleFeet is currently raising \$15M to treat 30,000 new children over the next 3 years. This will bring the number of children helped to more than 50,000. This paves the way for the larger task of raising \$6–10M annually between 2020 and 2030; this funding will allow us to build the national programs and capacity to effectively treat all children born with clubfoot in low-income countries.

The plan maps out the total cost of establishing and supporting sustainable global clubfoot programs.

The plan also details how we will leverage proven program models, MiracleFeet's low-cost brace, and Google.org funded technology tools.

2010–2015



0–5K children per year  
(12K total)



\$5M over 5 years

2015–2020



6K–12K children per year  
(50K+ total)



\$15M–\$20M over 5 years

2020–2030



12K–66K children per year  
700K+ total



\$70–\$100M over 10 years  
2020–2030

# INNOVATIVE TOOLS FOR POSITIVE CHANGE



## We're transforming lives around the world

Increasing the effectiveness of treatment with innovation is imperative to creating a world free from the disability of clubfoot. We are closer to that reality than ever before, thanks to a \$1M grant from Google.org. This grant will fund a platform of open-source, innovative tools and resources.

## 6 TOOLS TO MEET THE CHALLENGES

DEVELOPMENT of these TOOLS WILL CONTINUE THROUGH 2017



### CHALLENGE: TREATMENT COMPLIANCE

- 1 Create mobile application for data collection and analysis.
- 2 Integrate SMS (Short Message Service) system for appointment reminders and more efficient direct communication.
- 3 Pilot sensors in brace to track compliance.

### CHALLENGE: ACCESS TO TRAINING & COLLABORATION

- 4 Develop mobile-native learning modules for new health care providers.
- 5 Offer telemedicine platform for idea exchange and collaboration between doctors.
- 6 Provide training modules for providers with continuing education on Ponseti Method best practices.



A grant from Google.org is funding a platform of open-source, innovative tools and resources.