According to World Bank estimates, over 75% of the population in Madagascar lived below the poverty line in 2010. Many of them cannot afford medical treatment. Physical rehabilitation centers often lack funding and trained staff.


In 2014, our support focused at the central level, with the goal of having the authorities assume more responsibility for disability-related matters. That year, we signed an agreement with the Ministry of Health (MOH) to strengthen their capacities for the management of services at two public physical rehabilitation centers: the Centre de Rééducation Motrice de Madagascar (CRMM) in Antsirabe, and the Centre d’Appareillage de Madagascar (CAM) in Antananarivo. We started a partnership with a third public facility, the Centre Hospitalier Universitaire (CHU) de Mahajanga, in 2017.

KEY FACTS & FIGURES - 2018

POPULATION
25,571,000

PERSONS WITH DISABILITIES
~1,500,000

CAUSE OF DISABILITIES (MOBILITY, SELF-CARE, VISION)
Stroke; cerebral palsy; infectious diseases (polio, leprosy); drug and alcohol use

UN CONVENTION ON THE RIGHTS OF PERSONS WITH DISABILITIES (UNCRPD)
2015

HUMAN DEVELOPMENT INDEX (HDI)
158/188

MoveAbility’s Partners in Madagascar*
- Centre d’Appareillage de Madagascar (CAM)
- Centre de Rééducation Motrice de Madagascar (CRMM)
- Ministry of Public Health, Madagascar
- Ministry of Population, Social Protection and Women’s Promotion
- Service d’Appareillage et Rehabilitation (SAR) Mahajanga

*Presented in alphabetical order

1 Source: World Bank data
2 https://www.hi-us.org/madagascar
3 Ratification of the UNCRPD
BENT, BUT NOT BROKEN

Yvette was diagnosed with idiopathic scoliosis when she was only 13 years old. Her mother had noticed a deformity on her back while Yvette was helping her with household chores. She quickly took her to the nearest rehabilitation center in Antsirabe, 90 kilometers from their home, to be examined and diagnosed with scoliosis.

This form of scoliosis, which is the most common, affects about 3% of children worldwide. While its cause remains unclear, it is possible to prevent the progression of the disease when interfering at early stages, either through surgery or physiotherapy. In low- and middle-income countries, where parents have few resources, it takes sometimes time to be diagnosed. And when it is done, it is often hard to pay the treatment, when it exists. In Madagascar, with 75% of the population living below the poverty line, it is thus very difficult to have access to physical rehabilitation care.

Once the diagnosis was established, Yvette’s parents took her out of school so as not to worsen her condition, and that she would no longer be teased and bullied by her classmates. Indeed, in Madagascar, superstitions are still very present and a deformity is interpreted as a curse.

Gradually, Yvette isolated herself from her friends and even family, leaving her home rarely. It was while talking with friends that her mother heard about the Centre de Rééducation Motrice de Madagascar (CRMM) in Antsirabe. The CRMM, which has been in existence for more than 60 years and is supported by MoveAbility, is an institution that provides multidisciplinary care for people with a motor disability.

Yvette and her mother were welcomed by a team of several specialists from different sectors, such as physiotherapists, orthotists and even social workers. They explained precisely the effects of the disease and how to stop its progression. Yvette was fitted with a corset that allowed the spine to reposition itself and grow straight.

For the past three months, Yvette has been regularly followed by the CRMM team and has adapted very well to the therapy and to the corset. She is out of her isolation and will be able to return to school the next school year.

Thanks to her corset and the physical therapy, Yvette is able to go back to school.
MAIN ACHIEVEMENTS

NATIONAL PLAN
The authorities, with MoveAbility’s support, drafted a national strategy for improving physical rehabilitation services in Madagascar.

EDUCATION AND TRAINING
Students on MoveAbility scholarships continued their studies at the Institut Supérieur Technologique Montplaisir in France; after their studies, the graduates will return to work at the CHUAM and CRMM. Physiotherapy teachers completed a one-month bridging course at the Institut des Hautes Etudes en Paramédical du Sud à Marrakech in Morocco to help them reinforce their teaching skills and prepare for a future Masters degree program.

QUALITY OF SERVICES
MoveAbility advised on the layout of renovations to the prosthetics and orthotics workshop in Mahajanga, and helped equip the facility.

ACCESS TO SERVICES
We provided 12 wheelchairs suitable for sports to the women’s basketball league of the Madagascar Paralympic Committee. These wheelchairs were also used during a tournament held to raise public awareness of issues related to physical disabilities.

MANAGEMENT CAPACITIES
A training was organized in Lomé for two staff from CHUAM, in line with the efforts of MoveAbility and the CHUAM to test the management tools developed for the ICRC Program for Humanitarian Impact Investment (PHII) whereby MoveAbility is testing the development of the management indicators.

BENEFICIARY STATISTICS 2016–2018

PEOPLE WHO RECEIVED SERVICES FROM OUR PARTNERS¹

<table>
<thead>
<tr>
<th>Year</th>
<th>Crutches</th>
<th>Orthoses</th>
<th>Prostheses</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>4,940</td>
<td>4,331</td>
<td>3,000</td>
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<tr>
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<td>10%</td>
<td>15%</td>
<td>41%</td>
</tr>
<tr>
<td>2018</td>
<td>19%</td>
<td>19%</td>
<td>34%</td>
</tr>
</tbody>
</table>

BREAKDOWN OF PEOPLE WHO RECEIVED SERVICES

<table>
<thead>
<tr>
<th>Year</th>
<th>Crutches</th>
<th>Orthoses</th>
<th>Prostheses</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>10%</td>
<td>15%</td>
<td>41%</td>
</tr>
<tr>
<td>2017</td>
<td>16%</td>
<td>21%</td>
<td>33%</td>
</tr>
<tr>
<td>2018</td>
<td>19%</td>
<td>19%</td>
<td>34%</td>
</tr>
</tbody>
</table>

ASSISTIVE DEVICES PROVIDED BY OUR PARTNERS

<table>
<thead>
<tr>
<th>Year</th>
<th>Prostheses</th>
<th>Orthoses</th>
<th>Crutches</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>32</td>
<td>1,358</td>
<td>41</td>
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<tr>
<td>2017</td>
<td>34</td>
<td>2,042</td>
<td>117</td>
</tr>
<tr>
<td>2018²</td>
<td>38</td>
<td>3,370</td>
<td>146</td>
</tr>
</tbody>
</table>

¹ Services include: prosthetics and orthotics, physiotherapy, other rehabilitation services and consultations.
² The final beneficiaries data as reported by the partners in the field.
² As reported in October 2018, extrapolated to year end.
OBJECTIVES AND EXPECTED IMPACT FOR 2019-2021

By the end of the reporting period covered by this document, in 2021, we aim to have contributed to the following objectives:

**NATIONAL PLAN**
- After the completion of the WHO country evaluation support package, the authorities develop and implement the national rehabilitation strategy by the end of 2021
- A national platform for physical rehabilitation, led by the MOH and composed of representatives from different stakeholders in the physical rehabilitation sector, is established and develops a national implementation plan for rehabilitation service provision

**EDUCATION AND TRAINING**
- The prosthetics and orthotics school strengthens its academic and technical education – in line with a plan of action developed with the Institut Supérieur Technologique de Montplaisir (ISTM) – by 2020 and works towards ISPO certification
- The schools’ workshop is renovated and equipped, to provide better training capacities, by 2021

**QUALITY OF SERVICES**
- Rehabilitation professionals at three rehabilitation centers take steps to improve the quality of their services following training – held by the end of 2020 – in the interdisciplinary approach and other specialized skills
- Staff in Centre Hospitalier Universitaire d’Appareillage de Madagascar (CHUAM), Centre de Rééducation Motrice de Madagascar (CRMM) and Service d’Appareillage et Rehabilitation (SAR) Mahajanga are capable to use technical assessment tools; all three centers are able to procure raw materials and components for assistive devices
- The Platform des Fédérations des Associations des Personnes Handicapées de Madagascar implements tools to evaluate user satisfaction and gather feedback

**ACCESS TO SERVICES**
- Disabled Peoples’Organizations increasingly identify and refer persons with disabilities from remote regions to MoveAbility-supported centers
- The MOH, with MoveAbility, develops and puts in place a mechanism to assist financially vulnerable persons with disabilities in accessing services and obtaining assistive devices
- The number of regional teams participating in wheelchair basketball events increases

**MANAGEMENT CAPACITIES**
- The MOH, CHUAM and CRMM have strong management capacities, following collaboration with ICRC Program for Humanitarian Impact Investment (PHII) efficiency improvement project

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1 The budget is indicative and is subject to income received.