

Lugano 31<sup>st</sup> August 2016

Dear friends, supporters and donors!

In this short report, we would like to express the essence of our process so far this year. We are fully aware of that it is **due to your interest and partnership with us that we have been able to claim the success we have had thus far.**

**The world is in the midst of an extremely challenging social and political environment.** From Turkey to Yemen, millions of people have been displaced from their homes, suffering all types of violence and abuses without regard to the vulnerable and innocent. Syria and Iraq have been a central focus to this scenario. **The already challenging situation continued to worsen into an exceptionally deep humanitarian crisis in which disabled people,** who do not enjoy favourable medical attention at the best of times, **have had their suffering and critical living conditions amplified.** As always, natural disasters and deadly diseases have widespread most recently in Italy, where more than 290 people have died in an unprecedented earthquake.

We are proud to announce the foundation of **SwissLimbs on 1st July 2016.** **SwissLimbs** is , a non-profit association based in Lugano which operates exclusively in the humanitarian field adopting and promoting the **SwissLeg™** technology **for trans-tibial prosthesis.** This technology which has been demonstrated to be a **global solution for highly affordable prostheses and best performing in terms of quality / total-cost ratio.**

**SwissLimbs** engages in capacity building of local professionals and organizations and restores advanced mobility to disabled people who lack the options and resources to secure their own rehabilitation. **SwissLimbs** operates mainly in conflict areas such as the Middle East and Africa. Our aim is to adapt technologies and expertise to benefit patients and the local health system as a whole. For this purpose **SwissLimbs** and **SwissLeg™** **have signed a memorandum of understanding (MoU) this year.**

**SwissLimbs** and **SwissLeg™** are proud to have **restored the mobility of over 400 hundred disabled people** in an extraordinarily efficient manner. Furthermore we have trained **more than 20 local ortho-prosthetic technicians in the SwissLeg technology.** The social impact of implementing our innovative technology translates into an improvement of the quality of life to **more than 2400 people.**

Based on these results **SwissLimbs** signed a **MoU with the National Committee of Demining and Rehabilitation of Jordan in August,** an entity under the patronage of the Royal Prince Mired bin Ra'ad . The aim is to establish a long term cooperation to build prosthetic and orthopaedic expertise in Jordan.

We are grateful to you all who contributed in realizing our main ambition: to make ***“mobility a basic human right accessible to everyone, everywhere”***.

We hope we can continue to count on your precious support.

Sincerely,

SwissLeg & SwissLimbs Team

Roberto Agosta & Filippo Nishino

## Capacity building by restoring advanced mobility to amputees affected by conflict in Syria

“Focus on patients affected by trauma and victims of conflict in Syria”

### Follow – up Report as at 31<sup>st</sup> August 2016

Project time frame: 01 April 2016 to 31 October 2017

Completion status: 15% completed

Open funding need: min CHF 140,000 or 53%

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“He got his new prosthetic leg, started walking on it and did not take it off! [...] before his gait was uneven and this was causing him to suffer, physically and also psychologically.”

*father of Abdul Raheem: 3 years old from Jordan*

“Based on the success of the Project with SwissLeg™, the International Organization of Migration in Iraq supports SwissLeg’s prosthetic limbs and services.” – Mike Pilinger, Head of Mission, IOM Iraq.

“I thank SwissLeg for their service to needy amputees. Furthermore, the hospital has received a precious contribution towards its technicians who, not only have learned new skills but also were taught how to deal with the patients in a more humanitarian manner.”  
- Dr. Ali Alrioub, Director for Rehabilitation Al-Bashir Hospital, Amman.

Please visit our webs sites: [www.swisslimbs.org](http://www.swisslimbs.org) and [www.swissleg.com](http://www.swissleg.com)

## Summary

|  |               |
|--|---------------|
| <b>Press Coverage</b>                        | <b>page 5</b> |
| <b>General Project Overview and Update</b>   | <b>page 6</b> |
| <b>Overall Social Impact</b>                 | <b>page 8</b> |
| <b>Annex 1 - Direct Beneficiaries Report</b> | <b>page 9</b> |

## Press Coverage

### THE JORDAN TIMES

Amputees receive new prosthetics in Amman  
By Dana Al Emam - Aug 18, 2016

AMMAN – Adnan Miqbel says his new prosthetic limbs are comfortable and he is looking forward to going back to school in them soon.

The 14-year-old, who was born without limbs above the knees, said his old prosthetics were too small and too heavy.

“The new ones fit me perfectly,” he told The Jordan times as technicians adjusted his prosthetic limbs at a workshop on Wednesday held by SwissLeg....

... Miquel and Haj Hassan are among 21 amputees who received monolimb prosthetics this week from SwissLeg through a partnership with the National Committee for Demining and Rehabilitation and the Ministry of Health.



to read full article:

<http://www.jordantimes.com/news/local/amputees-receive-new-prosthetics-amman>

### THE JORDAN TIMES

Landmine amputees receive prosthesis from Swiss enterprise By JT - July 04, 2016

AMMAN – SwissLeg, a social enterprise based in Lugano, Switzerland, that develops “high-tech” prosthetic limbs for amputees, recently organised a charity prosthetic workshop in Al Bashir Hospital, it said in a statement sent to The Jordan Times.

The event, organised in cooperation with the National Committee for Demining and Rehabilitation, addressed the needs of 16 amputees, who were injured by landmines and received free SwissLeg prosthesis.

SwissLeg also provided specialised training sessions to prosthetic technicians from Al Bashir Hospital and the Royal Medical Services, the statement said.



to read full article:

<http://www.jordantimes.com/news/local/landmine-amputees-receive-prosthesis-swiss-enterprise%E2%80%99>

## General Project Overview and Update

SwissLeg's objective is to train local prosthetic-orthotic technicians and to rehabilitate victims of trauma and of the Syrian civil war with 250 limbs, who are in critical financial difficulties to secure their own mobility, with high performing prosthetic legs.

**The outreach missions have taken place in Jordan so far. Up to date we have completed 15% of our target.** Below our main achievements since the start of this Project:

- We recruited 34 patients of which 11 males and 23 females. The average family size were 4 members in total from 4 different nationalities (Jordan, Syrian, Egyptian, Palestinian).
- Total prostheses donated were 37, of which 3 bilateral below knee, 20 left below knee and 11 right below knee amputees.
- The first main causes of amputations were war conflict and landmines (11 patients), 8 amputees due to congenital diseases, 6 due to accidents, 5 due to diabetes and 4 due to other causes (infections etc).
- Total 7 technicians were trained for a total of 4 weeks of workshop
- We performed extraordinary machinery maintenance (2 ovens and 1 electric saw)

## SwissLeg's Implemented Projects to Syrian Conflict Victims

From 2013 to August 2016 **we have restored the mobility of 236 patients / victims** from the Syrian conflict. **In total 259 prosthetic devices were donated of which 8 where ortho-prostheses and 2 local orthopedic workshops have benefitted from technological transfers in trans-tibial prostheses and manufacturing processes, finally 30 technicians have received advanced training sessions.** The precious donations and collaborations from our donors network **improved the lives of c.a. 1450 people in total.** The **total costs-to-donors, all included were c.a. CHF210,000 for a very efficient avg. cost of CHF 890 per patient.**

Below a summary of the already implemented projects:

| Donors / Partners     | Private / NCDR               | Private                      | IOM                          | Private    | IOM              |            |
|-----------------------|------------------------------|------------------------------|------------------------------|------------|------------------|------------|
| Patients main profile | Conflict victims / accidents | Conflict victims / accidents | Conflict victims / accidents | Refugees   | Conflict victims |            |
| Country               | Jordan                       | Jordan                       | Syria                        | Jordan     | Iraq             |            |
| Nr Patients / City    | Amman - Al Bashir            | Amman - Hazar                | Damascus                     | Irbid      | Missan           | Total      |
| Double amputees       | 3                            | 0                            | 3                            | 16         | 1                | <b>23</b>  |
| Single amputees       | 30                           | 4                            | 65                           | 87         | 20               | <b>206</b> |
| Orthesis (KAFO)       | 1                            | 0                            | 0                            | 7          | 0                | <b>8</b>   |
| <b>Total</b>          | <b>34</b>                    | <b>4</b>                     | <b>68</b>                    | <b>110</b> | <b>21</b>        | <b>237</b> |

## Overall Social Impact

Your precious contribution has generated the following social impacts concentrated in three key areas :

- **Training of 7 Jordanian ortho-prosthetists:** We completed more than 240 hours of workshop training dedicated to 7 local technicians increasing their skills and propagating new ortho-prosthetic technology including SwissLeg™.
- **We estimate a positive impact to approx. 200 direct and indirect beneficiaries' lives:** Hope for the amputee restored, he/she can resume normal quality of life, get a job, provide for the family, go to school, etc. This impact is multiplied six fold to the families and care givers who are also freed from physical and financial responsibilities<sup>1</sup>. The amputees / direct beneficiaries are listed in annex 1.
- **Impact on stakeholders:** Our projects have gained important recognition from local parties, including the Ministry of Health of Jordan, The NCDR and Al-Bashir Hospital. Technicians from Al-Bashir benefit from faster production in manufacturing prostheses, the patients from increased mobility, and the Ministry of Health from improved health services. Communities and governments benefit from productive members, enhanced health services and reduction in health costs.

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<sup>1</sup> The International Society of Prosthetist and Orthotists (ISPO) estimates that for each patient in the developing world who gets its mobility restored there are additional 5 beneficiaries within the community

## Annex 1 - Direct Beneficiaries Report



From left to right: Daniel Kläy, SwissLeg technician, Mr. Hammad, patient and Roberto Agosta, SwissLeg's CEO

**Flowers to thank Donors and SwissLeg**



Filippo Nishino explaining the SwissLeg advantages to Dr. Khaled Adwan Director of Al-Bashir Hospital

**Praises from Al Bashir to Donors and SwissLeg**

|   |   |
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| <p>1.</p>    | <p><b>Name:</b> Abdul R. A.</p> <p><b>Age:</b> 3 years</p> <p><b>Type of prosthesis:</b> right KAFO</p> <p><b>Reason for amputation:</b> Congenital</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Thanks to his new custom fitted prosthesis, Abdul has his full mobility restored and is able to walk and run normally. With his former prosthesis, he was limping and badly affected. He's a very active child and formerly he was forced to reduce his activities affecting him negatively also at a psychological level.</p> |
| <p>2.</p>  | <p><b>Name:</b> Adnan W. M.</p> <p><b>Age:</b> 14 years</p> <p><b>Type of prostheses:</b> bilateral below knee</p> <p><b>Reason for amputation:</b> Congenital</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> due to his new prostheses Adnan is able to walk and even run normally. His gait was badly affected by his former prostheses, which were too small and too heavy.</p>  |

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| <p>3.</p>    | <p><b>Name:</b> Abdulkareem H. H.</p> <p><b>Age:</b> 71 years</p> <p><b>Type of prosthesis:</b> left below knee</p> <p><b>Reason for amputation:</b> Diabetes</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Thanks to his new custom fitted prosthesis, Abdulkareem can walk home without the help of his family members or friends. Abdulkareem lives in a very steep zone and his home is very difficult to access with crutches. His wife, also an amputee, was also secured with a SwissLeg, see patient 9.</p> |
| <p>4.</p>  | <p><b>Name:</b> Ahmad A. A.</p> <p><b>Age:</b> 62 years</p> <p><b>Type of prosthesis:</b> left below knee</p> <p><b>Reason for amputation:</b> Landmine victim</p> <p><b>Financial situation:</b> dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Due to his new prosthesis, Ahmad can move again autonomously without the need of relatives and the wheel chair.</p>   |

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| <p>5.</p>    | <p><b>Name:</b> Ahmad H. A.</p> <p><b>Age:</b> 29 years</p> <p><b>Type of prosthesis:</b> right below knee</p> <p><b>Reason for amputation:</b> congenital</p> <p><b>Financial situation:</b> dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Due to his new prosthesis, Ahmad can start looking for a new job and seek his financial independency.</p> |
| <p>6.</p>  | <p><b>Name:</b> Ahmad M. D.</p> <p><b>Age:</b> 68 years</p> <p><b>Type of prosthesis:</b> right below knee</p> <p><b>Reason for amputation:</b> car accident</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Due to his new prosthesis, Ahmad can finally resume his small farming activities.</p>            |

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| <p>7.</p>   | <p><b>Name:</b> Ahmad N. G.</p> <p><b>Age:</b> 21 years</p> <p><b>Type of prosthesis:</b> left below knee</p> <p><b>Reason for amputation:</b> congenital</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Due to his new prosthesis, Ahmad can finally play his preferred sports: soccer.</p>   |
| <p>8.</p>  | <p><b>Name:</b> Asma A.</p> <p><b>Age:</b> 23 years</p> <p><b>Type of prosthesis:</b> left below knee</p> <p><b>Reason for amputation:</b> congenital</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Asma's was born with spina bifida, without the left leg and a deformity in her right. She had to undergo many surgical interventions and received an artificial leg when she was small, in Egypt, her country of birth. But when she outgrew her first prostheses she could not afford to replace it and spent the last 10 years in a wheelchair. She had lost the courage to walk until she received a beautiful, colourful SwissLeg, especially adapted to her condition. Asma's mother's relief was evident as she saw her daughter walk again. Her life will also be very different now that her daughter regained mobility independence.</p> |

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| <p>9.</p>     | <p><b>Name:</b> Fareda M.</p> <p><b>Age:</b> 42 years</p> <p><b>Type of prosthesis:</b> right below knee</p> <p><b>Reason for amputation:</b> other disease</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Fareda has three children and her husband is Abdulkareem (patient number 3.). Both received their new prostheses the same day and have secured their mobility with a relevant impact to their entire family's life.</p> |
| <p>10.</p>  | <p><b>Name:</b> Faisal H.</p> <p><b>Age:</b> 51 years</p> <p><b>Type of prosthesis:</b> left below knee</p> <p><b>Reason for amputation:</b> diabetes</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Due to his new prosthesis, Faisal can move again autonomously without the need of relatives and the wheel chair.</p>  |

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| <p>11.</p>    | <p><b>Name:</b> Huda I.</p> <p><b>Age:</b> 50 years</p> <p><b>Type of prostheses:</b> bilateral below knee</p> <p><b>Reason for amputation:</b> car accident</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> due to her new prostheses Huda is able to walk comfortably again. Her former prostheses were causing pain and strong irritations to her stumps. Huda is a sweet but very fassy lady and she would not be happy until her stumps were fitting perfectly, which they did! She walked out of the hospital extremely thankful and singing high praises to the SwissLeg's technician.</p> |
| <p>12.</p>  | <p><b>Name:</b> Kahled K. A.</p> <p><b>Age:</b> 52 years</p> <p><b>Type of prosthesis:</b> left below knee</p> <p><b>Reason for amputation:</b> car accident</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Due to his new prosthesis, Kahlad can start looking for a new job and seek his financial independence.</p>   |

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| <p>13.</p>    | <p><b>Name:</b> Mohammad L. S.</p> <p><b>Age:</b> 20 years</p> <p><b>Type of prosthesis:</b> left below knee</p> <p><b>Reason for amputation:</b> car accident</p> <p><b>Financial situation:</b> dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> With his new prosthesis, Kahlad's mobility was fully restored, now he can resume normal activities such as walking and running. His old prosthesis did not allow running, hindering Mohammad to perform many activities in his day-by-day. He is also very proud of walking straight and happy that no one can notice that he is an amputee!</p> |
| <p>14.</p>  | <p><b>Name:</b> Nidal A. A.</p> <p><b>Age:</b> 60 years</p> <p><b>Type of prosthesis:</b> left below knee</p> <p><b>Reason for amputation:</b> diabetes</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Nidal is not only a left amputee, but also blind and has lost his right foot. Due to his new prosthesis, Nidal can move again without the need of a wheel chair. Nidal was especially thankful to Fondazione del Ceresio and SwissLeg for this precious donation.</p>  |

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| <p>15.</p>    | <p><b>Name:</b> Shaha A. Y.</p> <p><b>Age:</b> 67 years</p> <p><b>Type of prosthesis:</b> right below knee</p> <p><b>Reason for amputation:</b> other - medical error</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Due to her new prosthesis Shaha can take care of her family again, 6 members, without being cared from her parents. She had a 10 year old and under-performing prosthesis and she had significant mobility difficulties.</p>                          |
| <p>16.</p>  | <p><b>Name:</b> Yasmeen H. A.</p> <p><b>Age:</b> 40 years</p> <p><b>Type of prostheses:</b> bilateral below knee</p> <p><b>Reason for amputation:</b> other – infection</p> <p><b>Financial situation:</b> highly dependent to secure basic needs</p> <p><b>SwissLeg Impact:</b> Due to her new prostheses Yasmeen can finally leave again her wheel chair and take care of her family, she has 4 children and is married. Her former prostheses were not suitable and Yasmeen had to alternate her mobility with a wheel chair.</p> |

17.



**Name:** Zyad A. A.

**Age:** 33 years

**Type of prosthesis:** left below knee

**Reason for amputation:** Landmine victim

**Financial situation:** dependent to secure basic needs

**SwissLeg Impact:** With his new prosthesis, Zyad's mobility was fully restored. He can resume normal activities such as walking and running.

18.



**Name:** Mohammad M. A.

**Age:** 54 years

**Type of prosthesis:** left below knee

**Reason for amputation:** landmine victim

**Financial situation:** dependent to secure basic needs

**SwissLeg Impact:** With his new prosthesis, Mohammad's mobility was fully restored. He can resume normal activities such as walking and running.