A CASE STUDY OF IMPLEMENTATION OF STANDARDS FOR ASSISTIVE, MOBILITY DEVICES AND SERVICES A.P.D.K

ISO/TC 173 SEMINAR

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The National Programs Manager - APDK
Overview of APDK National Programs
Major programs Nationally

- Community Outreach programs; CBR, Outreach services
- Production and Provision of orthopedic and assistive devices.
- Institutional services; occ/ physiotherapy, nutrition programs, counseling, club foot mgt, surgeons clinics.
- Surgical intervention
- Capacity building activities
- Networking & strategic collaboration on disaster management and preparedness with other partners and government agencies to prevent and mitigate effects of disabilities.
Currently APDK has a network of 5 Regional Hubs covering the already established 10 branches that include Coast/Mombasa, Nairobi, Nakuru, Kisumu, Embu, Machakos, Kisii, Busia, Eldoret and Siaya.

Hubs; Coast, western, North Rift, Nairobi & Upper Eastern Covering over 34 Counties Nationally.

The structuring is a response to devolved system of Government and APDK S. P 2017 – 2020.
Disability situation in Kenya

• The World Disability Report 2011 estimates persons with disability to constitute 15% of the general population.

• The National population and Housing Census of 2009 put the population of persons with disabilities in Kenya at 1.3 million Kenyans has some form of Disability.

• The Kenya National Disability survey 2008 the prevalence of disability was 4.6% (1.7 million) which constitute a significant segment of the population any country.
Wheelchair Use and Services in Kenya: A Cross-Sectional Study / Research & Its Findings

* Joint Partnership between APDK and JHPheiego carried out research on wheelchair service provision processes and Quality of services in Kenya in 2015.
* Findings - **Follow-up** was poor: 100% received a wheelchair, but only 15% were followed up.
* Inadequate awareness of standards to guide on wheelchair provision.
* High number of wheelchair users lacked independent use of their wheelchair outside their home.
WHEELCHAIR GRAVE YARD
Recommendations from the Research

* Ensure that all imported wheelchairs meet the specifications for less-resourced areas. Kenya has developed standards for wheelchairs for low-resource settings. APDK is a member of the KEBS/TC Technical committee.

* Wheelchair to be regarded as a medical device at all levels: policy, users, wheelchair providing organizations and Development partners. Therefore, its provision will be regulated and left to professionals.
* Empower wheelchair users to know their rights and to demand their right to an appropriate wheelchair. This is to be done by Disabled Persons Organizations (DPOs).

* Adopt WHO guidelines on wheelchair service provision through Government circular.
* Include Kenya standards in government regulations for enforcement by relevant institutions.
* Lobby for setting up of Wheelchair Testing Lab for quality based on the environment/ terrain in Kenya.
## Analytical Statistics of Assistive & Mobility devices provided by APDK

<table>
<thead>
<tr>
<th>Assistive &amp; Mobility Devices prescribed &amp; Issued</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prescribed Appliances</td>
<td>12,303</td>
<td>10,264</td>
<td>11,944</td>
</tr>
<tr>
<td>Fabricated &amp; Issued Appliances</td>
<td>8,892</td>
<td>7,742</td>
<td>9,893</td>
</tr>
</tbody>
</table>
Assorted Assistive devices for Persons with Disabilities

Locally Produced
AFO, KAFO
splints Surgical shoes & Crutches
<table>
<thead>
<tr>
<th>Type of Mobility device locally produced.</th>
<th>monthly production capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>wheelchairs,</td>
<td>200</td>
</tr>
<tr>
<td>Tricycles,</td>
<td>200</td>
</tr>
<tr>
<td>Special Seats</td>
<td>100</td>
</tr>
<tr>
<td>Yaya Seats</td>
<td>100</td>
</tr>
</tbody>
</table>
Wheelchair Production Workshop
Nairobi & Mombasa
Wide range of products; Tricycles, Moody cruiser wheelchairs and Yaya Seat for PWDs
Am able to move around

Before Intervention

After Intervention
Am Happy for having my Tricycle I can now meet with my fellow old men

Before Intervention

After Intervention
Special seat fitting to a child with cerebral palsy & Walking frame
Effects of Inappropriate wheelchair

Pressure sores and secondary deformities
Why standards for APDK

* Promote the use of quality assistive products by persons with disabilities.
* It improved mobility means improved Quality life for person with disabilities.
* Promotes Innovation and support to research for evidence based solutions for quality devices for PWDs.
* Client Feedback mechanism for evidence based Learning
Thank-you !!! Questions