



Disability Action Council

Kingdom of Cambodia  
National Repetition

## Summary Report on the Utility of Donated Wheelchairs of JICA

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### I. Introduction

A project of donated wheelchair for children with Cerebral Palsy (CP) is coordinated by Disability Action Council (DAC). Volunteers Group to Send Wheelchairs to Overseas Children (VGSWOC) is facilitated by JICA and JICA-AC has donated CP wheelchairs annually to Cambodia, and there are 160 CP wheelchairs were donated to 8 Physical Rehabilitation Centre (PRCs) and 10 Non-governmental Organizations (NGOs) in 2015. This is only monitoring and evaluations for wheelchairs were only delivered from last year in 2015.

Promoting physical rehabilitation for children with Cerebral Palsy is the main objective for the project of donated wheelchairs. On Aug.19 , 2015, under the precedence of His Excellency Vong Soth, the Minister of the Ministry of Social Affairs, Veterans, and Youth Rehabilitation, there were 160 CP wheelchairs handover to 8 PRCs and 10 NGOs. Now, it is time for utility evaluation after a year of delivery wheelchairs to PRCs and NGOs, and they have discharged these wheelchairs to children with CP to use.

Project evaluation has selected 3 PCR among 8 and 3 NGOs among 10 for sample interviewing. The process of interviewing is that the representatives from DAC, JICA, and JICA-AC made direct visits to all selected PRCs and NGOs namely Prey Veng PRC, Kampong Cham PRC, Siem Reap PRC, Pour Un Sourire D'Enfance (PSE), Rabbit School, and Domnok Toeuk Organization. There are 17 wheelchair uses (children with CP), 16 PTs and POs, and 6 Centre Managers.

### II. Objectives

1. To evaluate the satisfaction of children with cerebral palsy on utility of CP wheelchairs,
2. To evaluate the effectiveness of physical rehabilitation of CP wheelchair on children with CP,
3. To find out the consequences of utility of CP wheelchairs,
4. To find out any problems of using of wheelchair in environment of community.

### III. Key Questions

1. As you are a CPC manager, Physiotherapist, Prosthetic and Orthotic, parent of a child with CP, how do you satisfy with this donated wheelchair? ~~any~~.

2. How can wheelchair support to sitting, muscular, joint and bone, and mobility of children with CP?
3. How can CP wheelchair release any burden of parents who have a child with CP?
4. Does the wheelchair enable child with CP to have social activity and communication with other in the community?

#### IV. Sample Selection

N <sup>o</sup>	PRCs	N <sup>o</sup>	Non-Governmental Organization
1	PRC Phnom Penh (Kien Khleang)	1	Un Sourir des Enfants Organization (PSE)
2	PRC Prey Veng	2	Domnok Toek Organization
3	PRC Kampong Cham	3	Rabbit School Organization
4	PRC Seim Reap	4	Koma Pika Foundation Organization (KPF)
5	PRC Sihanoukville	5	Epic Art Organization
6	PRC Kampong Chhnang	6	New Humanity Organization (NH)
7	Cambodia School Prosthetic & Orthotic	7	LAVALLA School
8	PRC Takeo	8	HHC
		9	CCAMH
		10	CAMYOD


There are 8 PRCs among 11 PRCs across Cambodia and 10 NGOs have received 160 CP wheelchairs from VGSWOC. Among all wheelchair recipients listed in the table above, we have selected 3 PRCs and 3 NGOs for sample interviewing. There are 17 wheelchair users (represent 10.6%) of total 160 wheelchairs are evaluated for their utility.

#### V. Finding

Regarding to our designing questionnaires, there are three parts of interviewing process, which are clients (wheelchair users), PTs and POs, and Centre Managers. Therefore, there are three parts of analytical finding from clients, PTs & POs, and Centre Managers.

##### 1. Finding from Clients

There are only 12 clients out of 17 interviewed clients use their wheelchairs for the purpose of assistant for their sitting, improving their muscular and born; while 5 other clients use their wheelchairs for the purpose of distance mobility or transportation. However, clients expected to use their wheelchairs for their mobility, such as long distant transportation to school, Health Centre, fresh air and sun rise, markets, and socialization with other in the community.

All family of client response that wheelchair can reduce their burden of carrying because children with CP can transport to any distance with wheelchair rather than carrying. All interviewed client value wheelchair for full mark 20/20; and, there is the average of total 

value is 71.5% (2 clients have valued for 80%, 4 clients have valued for 70%, and 1 client has valued for 60%).

All clients responded that they have got a lot of advices from PO and PT before they are discharged from PRC. Most of advices are about how to put their child into the wheelchair, how to adjust the wheelchair, how to do small maintaining and clean it up, and how to put the sit belt.

There are 12 clients out of 17 interviewed clients used to use domestic wheelchair. They compare domestic wheelchairs and wheelchair donated from Japan. The latter is more convenience because it is stable, adjusted, comfortable, and durable; while domestic wheelchair is adapt to environment in community, but it is not adjustable, uncomfortable and easily fragile.

All 17 clients responded that the donated wheelchairs could support sitting, muscles, bone and mobility of children with CP. Also, the wheelchairs can release a lot of burden of the parents because by using wheelchair, the parents or siblings do not need to carry their children with CP, and they can do house work or chores when their children are sitting in the wheelchair.

There are several clients responses that they have no experiences in wheelchair repairing because their wheelchair is never being broken. However, 10 other interviewed clients response that they face difficulty to repair their broken wheelchair, since they do not know how to fix the wheelchair and there is no mechanical persons in their local and no spare part available. In order to solve the problems, some of them fix the wheelchair by themselves, and others inform to the PRC or bring the broken wheelchairs to PRC for repairing. Most of the broken wheelchairs were fixed on very few or to get an exchange for a new wheelchair.

All parents were interviewed, and they responded that wheelchair is helpful and fit to their needs, and it releases some of their burden. Therefore, they still need this kind of wheelchair.

## **2. Finding from PTs and POs**

All PTs and POs have responded the same answer that they have delivered wheelchair to children with CP, and they have advised to clients for how to maintain, adjust, clean, and small repairing of wheelchair.

There are 14 out of 16 PTs and POs have responded that they delivered chairs to their clients for only a short distance mobility or only indoor use, because most of those wheelchairs are in type of indoor use. There are only 2 wheelchairs are delivered for the purpose of long distance use. *study*.

There are 15 PTs and POs have responded that all delivered wheelchairs are suitable for CP clients. However, there is one wheelchair is reported that it is not fit to the client because it is too large for the client.

There are 14 responses have responded that they have to additionally adjust wheelchair before donating to clients. Majority of adjustment are footrests, headdress, belts, sitting mattress, and size and height of wheelchair. However, there are 2 responses have answered that they do not need to do any additional correction because wheelchair is already fit to the clients.

There are 14 responses have answered. Due to the wheelchairs are modern, light, adjustable, and can be folded; therefore, donated wheelchairs are easy to transport and mobility of clients. However, there are 2 responses have answered that it is difficult to transport for the long distance because wheelchairs are not suitable to long distance mobility and also it does not fit to community environment, where there is wet land.

There are 16 PTs and POs have responded to the question that donated wheelchairs are suitable to the Cambodia environment. 5 responses have answered that wheelchairs are suitable to the environment of Cambodia because the wheelchairs are used only for the indoor used only. Nevertheless, there are 11 PTs and POs responded that the wheelchairs are not appropriate to be used on the wet land due to the wheels are too small to roll on the wet land.

There are 100% (16 out of 16 responders) clarify that the donated wheelchairs are crucial for their clients, and all clients are satisfying to their kind of wheelchairs. Thus, they still need more for these types of wheelchairs.

### **3. Finding from Centre Managers**

There are 6 Centre Managers were interviewed. They have received 74 wheelchairs, and they have donated already 64 wheelchairs to clients to use in the community and 8 other wheelchairs, the organizations keep for their intern Centre. There are still 2 wheelchairs in the store of one of PRCs. Most of recipients who got wheelchair are children with CP; however, there are also other type of disabilities such as Hydrocephalies, Elderly disability, Paraplegia, and multi-disabilities.

5 Centre Managers have responded that wheelchairs are suitable to the needs of children with CP; while one manager has a negative response that the wheelchair is too small, which does not fit to the size of children.

All Centre Managers satisfy the donated wheelchairs. They have responded that wheelchair support greatly to children with CP and release the burden of parents or carriers. The donated wheelchairs are best in quality and assist daily activities of children with CP if compared to domestic ones. *Handwritten signature*

## **VI. Comments**

### **1. Comments from Clients**

- Need other bigger wheelchairs because their children are growing bigger.
- I am happy, and thank you very much for the donors because wheelchairs help us a lot.
- I would like to ask PRC to repair wheelchair when it is broken.
- Organization should support to repair wheelchair if it is broken.
- Organization should offer more wheelchairs for many other children with disabilities.
- This wheelchair is now too small. It does not fit to my child. It is broken now. It is very difficult for my child to sit in.
- This wheelchair is flexible and easy to adjust accordingly to the size of child.
- Request to organization to donate more wheelchairs, so, the needs of other children with disability can have change to use wheelchair.
- It is very good and easy to use, but when it is broken, it very hard to be fixed.
- There is an increase number of children with disabilities, therefore, it is good to number of wheelchair donation.
- Request to support or help to fix the wheelchair, when it is broken.
- Request to have some more and clear advices for use to use and maintaining wheelchair.

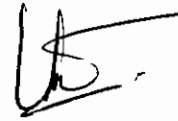
### **2. Comments from PTs and POs**

- Request to have other type of wheelchairs with bigger wheels that would be appropriate for long distant mobility and environment of wet land in community of Cambodia.
- Request for adequate spare parts and tools for wheelchair repairing.
- Keep supporting wheelchairs and more.
- I would like to have more training on how to maintain, repair, and additional adjustment to the wheelchair.
- Please offer larger wheelchair because our clients get growing, for they need a larger one.
- Request to donate walking frames and standing because there are many clients need to walk and standing.

### **3. Comments from Centre Managers *Handwritten mark***

- Please donate other kind of wheelchairs for other kind of disabilities in the community.
- Showing PRC pictures of wheelchair; so, the center would be able to select suitable size to fit children with disabilities.
- Wheelchair delivery needs to be followed up; thus, we need a support for follow up program.
- Please keep going on for wheelchair support for children with disabilities.
- We need more walking frame and standing frame.

Phnom Penh, 13<sup>th</sup> of November 2016  
Disability Action Council



Deputy Secretary General  
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