

1997  
to  
2017

# Takeo Eye Hospital Summary Report



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## 1. Project profile

### A. Caritas Cambodia

Caritas Cambodia is an international non-governmental organization established by the Cambodian Catholic Community for mission as a humanitarian activity and social development. Caritas Cambodia had started its first activities in Cambodia in 1972 to help the war victims and fulfill humanitarian functions until 1975 before the Caritas Cambodia was forced to leave Cambodia. Caritas Cambodia was re-established in 1990 under a Memorandum of Understanding (MoU) with the Government on humanitarian action and development of poor welfare. Caritas Cambodia is a member of Caritas International, which has offices in Rome, Italy and has 167 member networks worldwide. Caritas is a Latin word that means mercy or love.

#### A.1 Vision

A society that is fair and respectful of each other's rights, especially the poor and vulnerable and human development are promoted.

#### A.2 Mission

Promote and strengthen the dignity of the poor and the vulnerable.

#### C.3 Co-operation programs of Caritas Cambodia

Currently, Caritas Cambodia has closely cooperated with government institutions including the National Assembly, the Council for Agricultural and Rural Development, the National Committee for Disaster Management, the Ministry of Interior, the Ministry of Agriculture, the Ministry of Forestry and Fisheries, the Ministry of Health( MoH), Ministry of Rural Development, the Ministry of Labor and Vocational Training, the Ministry of Land Management, the Ministry of Urban Planning and Construction, the Ministry of Water Resources and Meteorology, the Ministry of Education, Youth and Sports, Authorities of National and International Non-Governmental Organizations, Community Associations and Private Sector in Target Areas in 14 Capital Provinces include:

Phnom Penh, Kandal, Kampong Cham, Kratie, Ratanakiri, Mondulhiri, Stung Treng, Preah Vihear, Kompong Thom, Siem Reap, Battambang, Pursat, Pailin and Takeo provinces with the following programs:

1. Promoting food security and nutrition
2. Capacity building for rural poor farmers
3. Sustainable livelihood development
4. Creating small businesses
5. Rural infrastructure
6. Promotion and development of community welfare
7. Eye care service (Takeo Eye Hospital)

8. Child and adult mental health
9. Health of people living with HIV / AIDS
10. Integration of prison health and professional training in the Bank
11. Disaster Preparedness Response and Rehabilitation
12. Provide professional training to poor youth
13. Professional training of young mothers and victims of trafficking in persons
14. Promote basic human rights, gender, and anti-human trafficking

### **B. Eye Care Program (Takeo Eye Hospital)**

In 1996, Maryknoll launched a rehabilitation program to secure patient with eye problems; meanwhile, there was strong demand of people in the communities regarding knowledge and eye health services. Thus, Fr. John Barth initially projected to respond the requirements of this with an effort to cooperate actively by CBM Germany, H.E Chhea Thang was the former minister of MoH, Dr Te Thong Sin was the former director of Takeo Provincial Health Department (PHD) and Takeo governor especially H.E Sou Phearin was the former governor of the Takeo province had authorized to renovate tuberculosis building to become the Takeo Eye Hospital (TEH) and started receiving patient with eye problems at the first time on February 8, 1997 with the participation of foreigners and local professional staff such as Dr. Staf Nietfeld, Dr. Andy Pyott, Dr. Makus Stephan, Dr. Phok Thon, Dr. Lauren Sothea, Miss Titchui Chan, Miss. Lois Dingley, etc. Besides the eye care services, TEH also established a Basic Eye Doctor (BED) and Basic Eye Nurse Program (BEN) to develop human resource skills to expand eye health services across provinces and cities in order to reduce blindness in Cambodia.



Tuberculosis and Malaria Building before renovating to become Takeo Eye Hospital



Takeo Eye Hospital building after its renovation was launched in 1997

In 2000, Fr. Jonh Barth, who was the founder of TEH, had completed missions in Cambodia, so the TEH was meanwhile handed over to Caritas Cambodia under coordinated by Sr. Myrna Puerto DC, project director of Daughter of Charity (DC) and funded by Christian Blind Mission (CBM)-Germany. Besides that, there have had a huge contribution from Takeo PHD for utilities (water-electricity), some medications, medical equipment and human resources to support project operation. At that time, TEH had 42 beds for patient's hospitalization. But the daily volume of patients ranged between of 40 to 60. Due to the enormous needs and degradation of TEH building, Sr. Myrna Porto DC, Master Te Serey Bonn, and Dr. Mörchen Manfred prepared funding proposal to build a new hospital on 3,162.32 square meter was divided into:

- Admin department: 215.97 m<sup>2</sup>
- POD department: 502.32 m<sup>2</sup>
- Theater :370.76 m<sup>2</sup>
- Ward: 1,242.88m<sup>2</sup>
- Canteen: 213.12 m<sup>2</sup>
- Parking: 147.25 m<sup>2</sup>
- Public baths: 46.02 m<sup>2</sup>
- Residency house: 424 m<sup>2</sup>

In 2007, land with 18,738 m<sup>2</sup> equal to 1.8 million USD was allowed to build a new hospital funded by CBM and supported by Dr. Um khorn was the former director of the Takeo PHD, H.E Srey Benn was the former of the Takeo governor and H.E Nuth Sokhom was the former minister of MoH. The proposal had been approved and started the ground breaking ceremony on November 27, 2007, and inaugurated on April 6, 2010, to officially launch and presided over by His Majesty the King Norodom Sihamoni, King of Cambodia.



By 2012, CBM Germany stopped funding and technical support to CTEH. Then, Sr. Myrna Porto DC and Dr. Mörchen Manfred also handed over to Cambodia team such as Mr. Te Serey Bonn, program director. Dr. Neang Mao, medical technical, Mr. El Nimeth, administrative manager. Ms. Tim Nary, accountant officer, Dr. Vong Chrean, community ophthalmology, Mr. Nol Rorthna, head nurse included all hospital staffs. Therefore, TEH was named again to Caritas Takeo Eye Hospital (CTEH) accordingly. Currently, CTEH has various development partners such as Caritas Czech Republic, ABC Tissue Vision, Wilde Ganzen Netherland, Daughter of Charity, Voucher (Action for Health), the Royal Government and other partners have been being involving to support comprehensive eye care services of CTEH in reducing avoidable blindness in Cambodia.

### **B.1 Vision**

CTEH Vision is an agency in poverty reduction by providing tertiary prevention with compassion, personnel training to be qualified in servicing effectively and equipping an adequate ophthalmology equipment.

### **B.2 Mission**

To provide quality eye care through diagnosis, treatment, and rehabilitation, in order to eliminate avoidable blindness. Personnel Training in a provision of quality eye care, and conduct relevant research to eye conditions in Cambodia and neighboring countries.

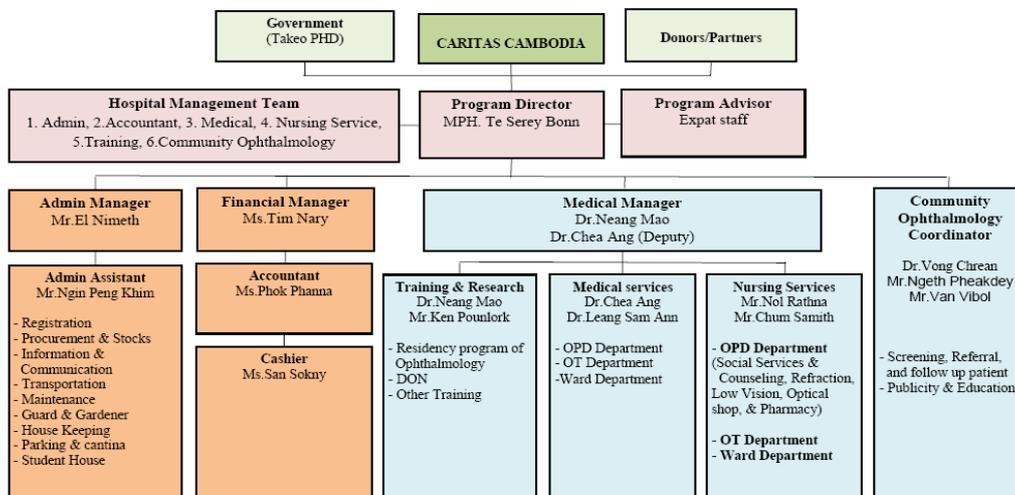
### **B.3 Target**

Providing quality eye care services with compassionate and gentle services to patients especially those who need rescue.

### **B.4 CTEH programmes**

- Providing quality eye examination and treatment services in CTEH (Regional eye hospital).
- Research and train residency ophthalmologist, Ophthalmic nurse and provide training on primary eye health care for village Health Support Group (VHSG), Health center staff, and school teacher
- Conduct eye screening to identify eye problem to be treated and conduct public eye awareness in remote areas.

**Caritas Takeo Eye Hospital (CTEH)  
Organizational Chart**



**B.5 Development Partner**

Involving with reducing avoidable blindness through the National Strategic Plan of the National Program for Eye Health (NPEH) and Vision 2020, CTEH, which is the project of the Caritas Cambodia, has been established to provide a quality of comprehensive eye care service with fully supported from the Royal Government especially MoH and the Takeo PHD in collaboration with NPEH, The University of Health Sciences (UHS), Kampot Provincial Technical Training School (RTC) and various development partners have developed one-year ophthalmic nurse training program and residency ophthalmology training. Every year, there are at least 12 ophthalmic nurse students and six residency ophthalmologists are trained at CTEH. Primary eye care is provided to health workers, teachers, and volunteers to help people in communities to be aware of eye health and to refer patient how has eye problems to CTEH immediately.

**B.6 Expenditure**

Over the last 20 years, CTEH has operated eye care services on the above-mentioned activities, expended more than \$ 12,243,120 to reduce avoidable blindness.

**B.7 Training program and Research**

CTEH has totally trained 113 students included the Basic Eye Nurse (BEN) training within 9- month course curriculum were equal to 47 students, and then it was upgraded to the Diploma in Ophthalmic Nurses (DON) within 12-month course curriculum. By the time there were 8 DONs were completed were equal to 66 students. BED received training 18 months is equal to 5 sessions and 18 students graduated.



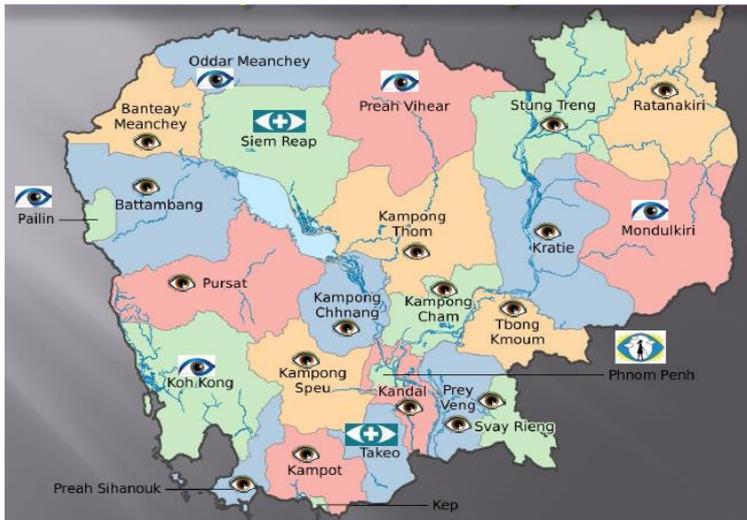
Internships of the ophthalmic nurse student

By 2007, NPEH and UHS, as well as partner organizations co-organized the ophthalmology residency program within 3 years course curriculum (after graduated as general doctor courses), held 11 sessions in which there were 8 sessions were equal to 34 students completed, and there are still more 3 sessions are equal to 35 students are being studied. After graduation, the students will be assigned to work in various hospitals and eye units across Cambodia.



Internships of the residency doctor student

In addition to these training, the project has trained basic primary eye care to health center, volunteer, village volunteer and school teacher in the whole province to educate and disseminate the eye health information their communities and set up referral systems to refer patient with eye problems to CTEH immediately under technical support of CTEH.



Eye care services  
throughout the country

|  |  |
|--|--|
|  |  |
| National Eye Hospital  | Regional Eye Hospital                      |
| Apex Center of Referrals                                     | Center of Referred in Region               |
| Sub Specialized Clinics                                      | Sub Specialized Clinics                    |
| Main Training Center for Undergraduate and Residency         | Training Center                            |
| Central Management & Coordination of all Eye Care Activities | Eye Care Service Delivery                  |
| Research and Epidemiology                                    | Eye Surgery                                |
|  | Eye Screening                              |
|  | Refraction                                 |
|  | Outreach Activities                        |
|  |  |
| Functioning Eye Unit   | Eye Unit No Eye Doctor Yet                 |
| Eye Care Service Delivery                                    | No Eye Doctor / Have only Ophthalmic Nurse |
| Eye Surgery  | Basic Eye Treatment & Counseling           |
| Eye Screening  | Referred Eye Patient                       |
| Refraction   | Outreach Activities                        |
| Outreach Activities  | Eye Screening                              |



Primary eye health training to the community

### B.8 Community Ophthalmology Program

From 2008 to 2016, we received 33,794 patients for eye consultation, referred 9,020 patients to CTEH and 3,778 patients arrived CTEH to get eye surgery.

VA testing during community eye screening



| Description      | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Total |
|------------------|------|------|------|------|------|------|------|------|------|-------|
| Screened         | 2744 | 4476 | 3045 | 2522 | 5788 | 5453 | 3573 | 3450 | 2743 | 33794 |
| Referred         | 540  | 991  | 1011 | 1087 | 1773 | 1017 | 974  | 897  | 730  | 9020  |
| Arrived Hospital | 138  | 324  | 391  | 462  | 853  | 434  | 409  | 435  | 332  | 3778  |
| Babcock          | 402  | 667  | 620  | 625  | 920  | 583  | 565  | 462  | 398  | 5242  |

Furthermore, CTEH has trained other skills regarding cataract surgery on small incision surgery, tear obstruction (DCR / DCT) anesthesia, laser treatments, fundus photography and angiography, low vision and refraction training. Meanwhile, CTEH has sent staff included technical and administrative staff to attend national and international seminars, other professional training in abroad yearly.

### B.9 CTEH project implementation

The comprehensive eye care services of CTEH has started since 1997 to mid-2017, totally received 438,071 patients for eye consultation and 70,981 patients for admission and 65,454 patients for eye surgery. These services would be helped patients especially those who are living in the remote areas need eye care services. For patients, who have had eye surgery, make their vision count,

help themselves, improve their quality of life, and help improving the socio-economic situation of the family and gaining the dignity of living as an independent citizen. Getting an indirect benefit from eye care service is the family of patients who have enough time to run business and less taking care of their members with eye problems. Partners and local authorities are also benefiting too because all people are healthy and good lives, have a chance to participate in the social development plan in their communities. According to the Rapid Assessment Avoidable Blindness survey (RAAB) in Takeo province in 2012, CTEH has reduced the blind rate from 3.0% to 2.8% in Takeo province from 2007 to 2012.



| Description                   | RACSS<br>3 provinces<br>2001-2002 | RAAB 2007               |                          | RAAB 2012<br>at Takeo    |
|-------------------------------|-----------------------------------|-------------------------|--------------------------|--------------------------|
|                               |                                   | In Cambodia             | Breakdown<br>Takeo       |                          |
| Prevalence of<br>blindness    | 4.3-6.0%                          | 2.8%<br>(M 2% - F 3.4%) | 3.0%<br>(M 2.1%- F 3.5%) | 2.8%<br>(M 1.7%- F 3.4%) |
| Cataract surgical<br>coverage | 13-16%                            | 34%<br>(M 40% - F 31%)  |                          | 65%<br>(M 78% - F 60%)   |
| Outcome poor                  | 19-39%                            | 12%                     |                          | 8%                       |
| Outcome good                  | 27-55%                            | 82%                     |                          | 89%                      |

### B.10 Planning

CTEH has extended its potential to maximize the quality of the comprehensive eye care services, especially to give opportunities for poor and vulnerable people to properly access its eye care services through subsidy service that supported by donors and partners. At the same time, CTEH has been struggling to strengthen its staff capacity, upgrade medical equipment and improve its administration system to meet the patients' needs. Continuing collaboration with other

development partners to participate in the poverty reduction through the National Strategic Plan, CTEH has been sending the technical staff to upgrade their professional aspect in local and abroad to exchange mutual experiences and knowledge in order to improve its services and extend eye health services to the other provinces through eye care integration in the project of Caritas in whole country to reach targets within eye consultation at least 35,000 patients and 4,000 patients for eye surgery each year effectively and satisfactorily.

## **2. Acknowledgement**

Because of strong collaboration to promote social development, improving the economic situation of a population by providing eye care service; CTEH has reduced blindness rates from 3.0% to 2.8% in 2012. Therefore, we would like to express our deepest thanks and gratitude to the government, partners, and private sectors for strong collaboration and supporting CTEH so far. Thanks to all the Caritas leaders and staff, who have been working hard, to carry out their duties and contribute to this great achievement.