

Narrative Operational Monitoring Report

CBM Project Number:	1739
Project Partner:	Caritas Cambodia
Project Name:	Takeo Eye Hospital
Reporting Period:	January - December 2008
Date of submission of report:	31 January 2009
Author of Report:	MA. Te Serey Bonn, Dr. Manfred Mörchen, Sr. Myrna Porto, Dr. Sun Sarin

1) Achievements and Success

1.1 Activities planned for the reporting period

a) Training

1. To train the three doctors at the residency program for ophthalmology
2. To train 6 nurses to be ophthalmic nurses and finish the course in September
3. To train the village health volunteers and implements the corneal ulcer intervention project
4. To participate at the Continuing Medical Education for doctors and nurses and provide resource persons.
5. To present 2 posters at the (WOC) World Ophthalmology Congress Hong Kong 2008
6. Workshop for Hospital Staff on Rights of Children and Child Protection Policy
7. Graduation Ceremony for 3 doctors, Diploma in Ophthalmology

b) Construction and Finances

1. To start the construction of the hospital
2. To secure additional funds for the construction cost and for furniture and office equipments
3. To secure the funds from Caritas Cambodia

c) Service delivery

1. To do 16 outreach activity
2. To maximize the use of Phaco-machine
3. To do school screening on the World Sight Day
4. Assessment of Low Vision and Refraction Services

d) Others

1. Attend the inter-country workshop
2. Employ additional staff
3. Evaluation of Accounting Manual

1.2 Activities implemented

a) Training

1. Ophthalmology Residency Program

TEH is one of the three teaching-hospitals for the residence-training of fully trained ophthalmologists in Cambodia. In 2008, the 1st group who is at the residency program for ophthalmology reported alternately at TEH. The 2nd group participated in the lectures given at the Faculty of Medicine, University Phnom Penh. They are:

- 1st group:

1. Dr. Ny Tharath	Municipal Hospital
2. Dr. Pang Samorn	New graduate
3. Dr. Sea Meavisith	Chey Chum Neas Hospital(T akhmao)
- 2nd group:

1. Dr. Ouk Soleaphy	New graduate
2. Dr. Hang Vora	ROSE Charity (Kean Kliang)

2. Graduation Ceremony for 3 DOs

The three Diploma Ophthalmology doctors: Dr. Chea Ang, Dr. Lun Mara and Dr. Kak Vathanak, who finished the training in 2006, received their certificate during the graduation ceremony last 20 December 2008 in the presence of Director General for Health, Ministry of Health and other guests.

3. Diploma in Ophthalmic Nursing

Six nurses finished the Diploma in Ophthalmic Nursing for one year. All of them passed the final examination conducted last 1 – 5 September 2008. The nurses are now back to their respective provincial eye unit. They are the following:

- | | |
|--------------------|--------------------------|
| 1. Mr.Chrek Vannak | Takeo Eye Hospital |
| 2. Mr.Mienh Davy | Takeo Eye Hospital |
| 3. Ms.Meas Ratha | Takeo Eye Hospital |
| 4. Mr.Hun Yim | Mondulkiri Eye Unit |
| 5. Ms.Vong Malin | Neak Loeung Eye Unit |
| 6. Ms.Chhim Sokha | Kampong Chhnang Eye Unit |

4. Corneal Ulcer Intervention Project

28 village health workers from Treang and Saomrong and 2 CDMD fieldworkers were selected and trained on Primary Eye Care for 5 days last 20 – 24 October 2008. After the training, the Project was launched in two districts. *Please see attached report of Dr. Madam Upadhyay. December Report*

5. Continuing Medical Education (CME) for doctors and nurses

All doctors and nurses participates the Continuing Medical Education (CME) for doctors and nurses organized by the Cambodian Ophthalmological/Nurse Society. Some staff acted as resource person as follows:

1. On 2 – 3 May 2008

- Dr. Manfred Mörchen: The Red Eye
- Dr. Sun Sarin: Optic Neuritis
- Dr. Sun Sarin: Management of Uveitis
- Mr. Nol Rorthana: Myopia
- Mr. Moul Sereyroth: Local Anesthesia

2. On 19 – 20 December 2008

- Dr. Manfred Mörchen: Management of glaucoma patients at Takeo Eye Hospital
- Dr. Sun Sarin: Assessment of knowledge and practice (KAP) of ocular injuries at Takeo province
- Mr. Moul Sereyroth: Endophthalmitis
- Mrs. Pring Kimny: Refraction

6. Workshop for Hospital Staff on Rights of Children and Child Protection Policy

Mrs. Heang Prang, one of our staff nurses was designated to be the Child Protection officer. She attended 2 weeks training on the Child Protection Training of Trainers. The training includes topics on Child Protection Community Education, Children’s Rights and Child Protection, Identifying Risks to children, Child Abuse and reporting child abuse. The training was conducted by Childwise last November 2008.

Prang set up a plan to conduct series of workshop for the staff regarding Child Protection Policy. The first session was held last December other sessions will be done in 2009.

7. Other Trainings

Phaco-training

Dr. Sarin was trained continuously during 2008 in Phaco surgery at TEH by Dr. Mörchen.

SICS-training

Dr. Sokhan from Kratie eye-unit visited TEH from 4 – 8 February 2008 with support of Eye Care Foundation, Netherlands. He was trained in SICS-technique by Dr. Sarin and Dr. Mörchen.

Refraction training:

25 February – 7 March 2008, a group of 6 optometrists from eyecare mission, Berlin/Germany, visited TEH and provided training in basic refraction for the whole staff of TEH. They participated in one general screening and one secondary school screening.

b) The construction and finances

The construction started on 2 April 2008 and problems arise between the consultants and the constructors. The work was delayed due to some demands in the process and structures in place to ensure the quality of the building. The working condition improved after the weekly meeting was implemented.

The schedule states that the staff houses will be ready on 22 January 2009 while Phase I will be finished in March 2009. Phase II will be ready by September 2009. *Please see attached report by ili Consulting Engineers Mekong*

Additional funds for construction cost and furniture and office equipments

1. The Stichting Porticus, Netherlands make a donation of EUR 150,000.00 for the construction cost. The amount will cover the areas that were removed during the initial planning due to lack of funds such as the maintenance area, vendors area, communication system and part of the consultants fee.

2. The Bishops Conference of Italy through the Apostolic Nuncio of Thailand, Laos, Cambodia approved the grant of EUR 42,920.00 to purchased the hospital furniture and office equipment.

Funds from Caritas Cambodia

The support for 2008 was delayed and no support will be given in 2009. Caritas Cambodia encourages Takeo Eye Hospital to prepare proposal to be submitted to other Caritas supporting organization.

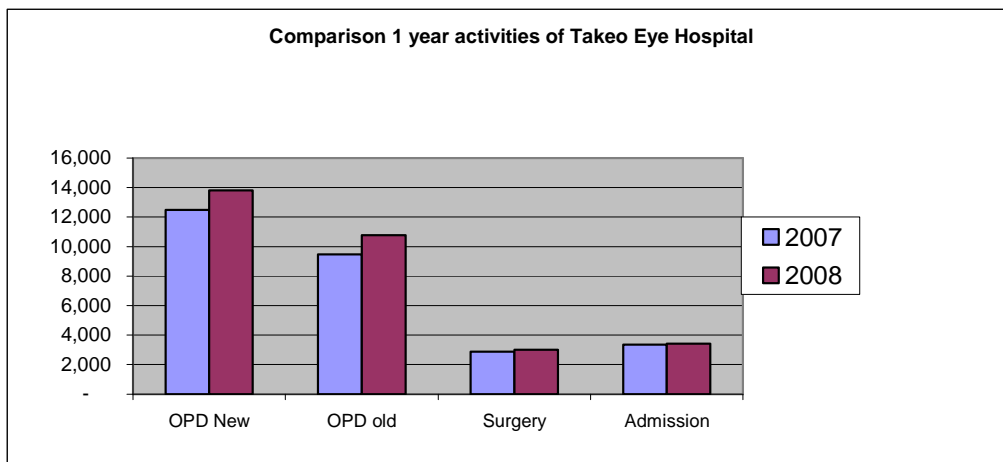
c) Service Delivery

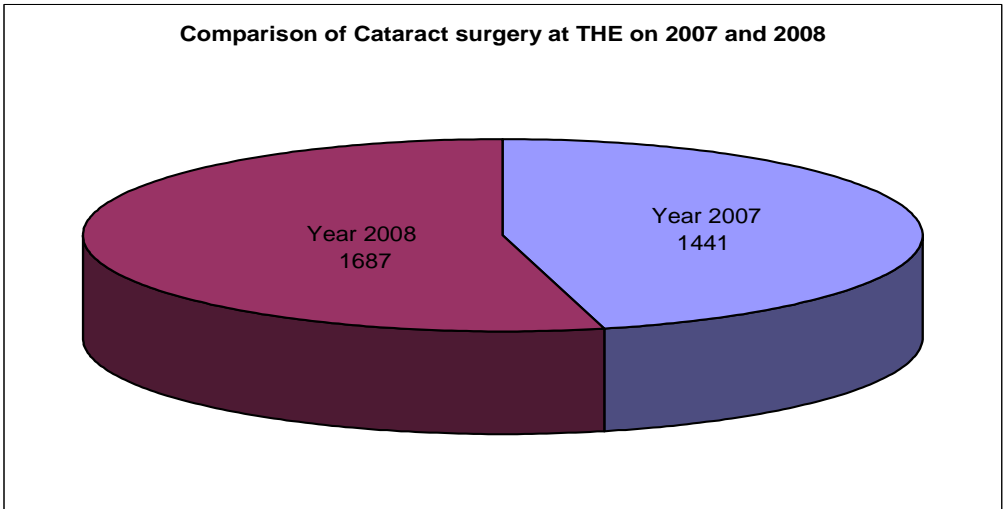
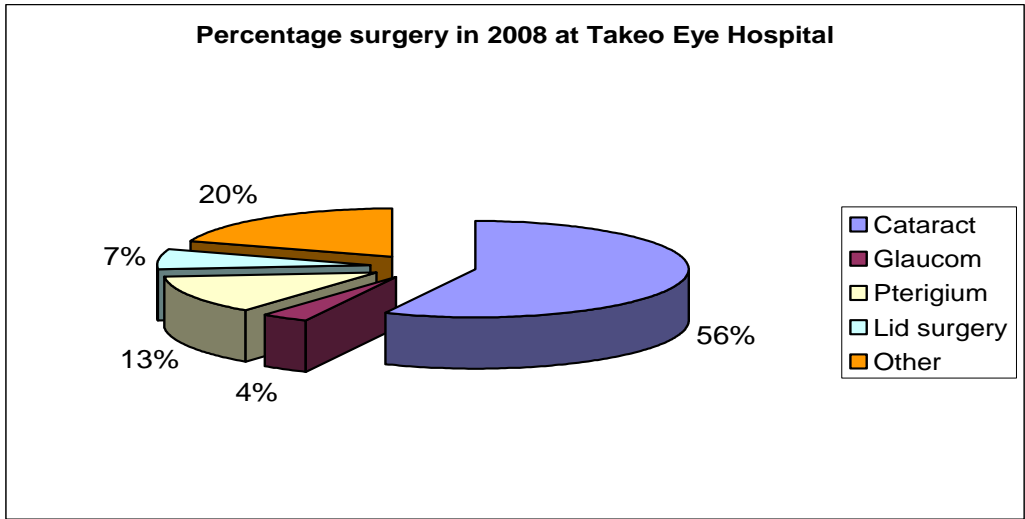
1. Hospital Statistics:

Month	OPD new	OPD old	Admission	Discharge	Surgeries	Tot.OPD
Jan	1,330	971	342	321	250	2,301
Feb	1,117	857	274	286	297	1,974
Mar	1,200	959	333	320	268	2,159
Apr	1,109	840	288	293	265	1,949
May	1,105	869	344	365	299	1,974
Jun	1,139	1,018	323	300	268	2,157
Jul	1,224	935	225	246	228	2,159
Aug	1,007	812	289	305	241	1,819
Sep	1,022	827	206	214	188	1,849
Oct	1,340	953	323	306	308	2,293
Nov	909	715	216	222	193	1,624
Dec	1,307	1,026	261	235	208	2,333
Totals	13,809	10,782	3,424	3,413	3,013	24,591

2008 Target: Consultation to 21,900 patients, eye operation to 2,801 patients

2008 Actual: Consultation 24,591 patients, eye operation of 3,013 cases





2. Outreach Activity

For the year whole year, 14 outreach activities were delivered.

Date	Place	# consultation	# referral	# come toTEH	# Eye glasses	Remark
29/2/2008	Banoy 2nd & high School	605	5	5	50	Germany Student
6/3/2008	Basre Health Centre (H.C)	313	117	10	69	Germany Student
21/3/2008	Borey Chulsa H.C	81	17	5	0	
4/4/2008	Chhay Kim H.C	214	78	46	0	Pic up patient
9/5/2008	Tang Yab H.C	197	39	2	0	
11/5/2008	Pram Pil reang Village	115	32	2	0	Joint to organize
11/5/2008	Prey Kabas Village	96	33	1	0	Screening with
11/5/2008	Tropeang Kroch Village	88	26	2	0	Government
23/5/2008	Prey Melong H.C	116	30	13	0	Pic up patient
14/6/2008	Krapum Chhouk Village	183	34	15	76	
20/6/2008	Nhe Nhorng Village	178	26	1	94	PHD's Eye Glasses
27/6/2008	Ang Chum 2nd School	227	3	2	16	TEH's eye Glasses
21/11/2008	Preyum Deng HC, Kirivong	161	54	20	7	Pic up patient
12/12/2008	Thnor Phos Pagoda, Traing	168	46	9	10	
Total		2742	540	133	322	

4. Phaco Surgery

Phaco surgery is done for mainly training purposes . Conducted the review of costing and phaco fee scale was set to USD 500.00 for paying patients, materials and consumables will be provided separately from the hospital supplies.

Number of surgeries:

Monthly	Children (0-15)		Adult		Total
	M	F	M	F	
January	0	0	4	8	12
February	0	0	0	6	6
March	0	0	1	3	4
April	0	0	0	9	9
May	0	0	4	5	9
June	0	0	5	4	9
July	0	0	3	4	7
August	0	0	3	8	11
September	0	0	1	4	5
October	0	0	3	2	5
November	0	0	3	2	5
December	1	0	4	2	7
Total	1	0	31	57	89

5. Cataract surgical outcome: January – December 2008

Not excluded in the analysis were patients < 20 years old, traumatic cataracts and combined procedures

n = 1.371 surgeries

First eye: 74.1%

- Proportion of known ocular pathology in operated eye:

Total: 17.1%

Corneal scar: 5.7%

Other pathology: 4.2%

Retinal disease: 3.5%

Glaucoma: 3.3%

- Type of surgery:

ECCE + PC-IOL: 117

ECCE + AC-IOL: 1

ECCE + No-IOL: 2

SICS + PC-IOL: 1153

SICS + AC-IOL: 1

SICS + No-IOL: 13

PHACO + PC-IOL: 83

PHACO + No-IOL: 1

- Visual acuity in the operated eye

	Admission		1-3weeks		4-11weeks		>12 weeks	
	N=1371		N=856		N=287		N=55	
	Pre-op	Discharge	Presenting	Best	Presenting	Best	Presenting	Best
6/6-6/18	8.2%	55.8%	56.3%	72.8%	64.5%	78.0%	69.1%	81.8%
<6/18-6/60	18.7%	31.6%	34.0%	18.8%	28.2%	15.3%	23.6%	10.9%
<6/60	73.1%	12.6%	9.7%	8.4%	7.3%	6.6%	7.3%	7.3%

- Visual acuity in the better eye

	Admission		1-3weeks		4-11weeks		>12 weeks	
	N=1371		N=856		N=287		N=55	
	Pre-op	Discharge	Presenting	Best	Presenting	Best	Presenting	Best
6/6-6/18	42.9%	77.0%	69.3%	79.1%	74.6%	84.0%	83.6%	87.3%
<6/18-6/60	23.3%	16.3%	25.5%	16.4%	22.3%	13.2%	14.5%	10.9%
<6/60	33.8%	6.7%	5.3%	4.6%	3.1%	2.8%	1.8%	1.8%

- Operative complications:

Total: 158 = 11.5%

Capsule rupture without vitreous loss: 34 = 2.5%

Vitreous loss: 58 = 4.2%

Endophthalmitis: 10 = 0.7% (No acute postoperative endophthalmitis presented postoperatively at hospital)

d) Other activities

1. World Ophthalmology Congress Hong Kong

Dr. Manfred Moerchen and Dr Sun Sarin participated the (WOC) World Ophthalmology Congress Hong Kong on 28 June – 2 July 2008. They presented the following posters:

1. Sarin S, Ang C, Mao N, Mörchen M: Perforating eye injuries in a rural province in southern Cambodia (Poster-session International ophthalmology)

2. Mörchen M, Ang C, Mao N, Sarin S: Outcome of cataract-surgery in a rural province in Cambodia (Poster-session Cataract)

2. Assessment of the Possibility to add Low Vision Services at Takeo Eye Hospital.

Karin van Dijk visited Takeo Eye Hospital on 17 – 18 November 2008. She submitted a report that will guide TEH staff in preparing the services for low vision and improving the refraction services. *Please see attached report.*

3. Inter-Country Workshop for the Prevention of Blindness

Attended the Inter-Country Workshop for the Prevention of Blindness on 8 -12 December 2008. Takeo Eye Hospital presented the following papers on:

- Dr. Mörchen: Management of glaucoma patients at Takeo Eye Hospital

- Dr. Sarin: Assessment of knowledge and practice (KAP) of ocular injuries at Takeo province
- Mr. Bonn: PCM (Project cycle management) at Takeo Eye Hospital

4. Evaluation of the Rehabilitation of Blind Cambodians Accounting Manual 2004

The Accounting Manual was prepared by the Daughters of Charity (Sr. Mary Anne Evidente and Sr. Consolacion Eata) in 2004 . The Manual includes the accounting procedures for CBR Program and Takeo Eye Hospital. The evaluation was conducted by the same Sisters last August 2008. The updated Manual focuses on Takeo Eye Hospital accounting procedures including the recommendation of PricewaterhouseCoopers.

2) Changes in the Project Plan and Management

Difficulties Encountered and Lessons Learned:

2.1 Which planned activities and results could not be achieved during the reporting period?

1. Corneal Ulcer Intervention Project

The schedule of corneal ulcer intervention project was changed from June to October due to the national election in July. The Project maybe interpreted as part of the election campaign.

The training of 28 village health workers and 2 CDMD fieldworkers was done last 20 – 24 October with Dr. Madan and THE staff. The Project was implemented after the training. *Please see attached report.*

The Outreach Activity was reduced from 16 to 14 outreach activities. The hospital staff was given more time to follow up on the Corneal Ulcer Intervention Project in the villages.

Lesson: Take note of the national events of the country of the locality. Oftentimes, implementation of activity will be affected.

2. Construction of the Hospital

The construction started on 2 April, with some delays due to:

- Successive Cambodian government holidays
- Inability to secure the needed construction equipment
- Constructors failure to follow the requirements

Solutions

- Weekly site meeting with TEH, iLi and the different constructors
- Coordination and consultation strongly recommended to the constructors

Lesson: The experience is difficult but being consistent with the agreement with certain degree of mutual understanding improves the working relationship.

3. Uncontrolled Outreach activity

1. Visit of Vietnamese doctors and conducted eye operations in Dunkeo Referral Hospital. TEH met them for proper coordination but the outreach activity continues. However, some patients opted to go to TEH than to the Vietnamese doctors.

Lesson: To maintain the quality of service. The people are now capable to decide for themselves.

2. The hospital continues to have patients with surgical complications who had their surgery from the visiting doctors that conduct outreach activity. This is not only from the Vietnamese team but also from the Korean and American ophthalmologist.

Lesson: To keep record of the cases and inform NPEH, NGOs in Mekong Delta region and IAPB.

3. The school screening on the World Sight Day was cancelled instead the Corneal Ulcer Intervention Project was launched.

Lesson: Identify alternative activity appropriate for the locality and hospital.

4. Resignation of Nurse Trainor and Community Ophthalmology Coordinator

The staff resigned within one week notice. He was hired by Fred Hollows Foundation.

Lesson: To continue the hospital practice to have another staff be familiar of each other responsibilities.

5. Support from Caritas Cambodia

The monthly participation from Caritas Cambodia was not available. The USD 20,000.00 participation was given on 12 January 2009. At the beginning of the year,

Caritas Cambodia commit to support the staff benefits, administration and transportation cost amounting to USD 37,000.00. The change in decision is due to the recommendation from Caritas donors that Takeo Eye Hospital budget should be covered by the Project. For 2009, Caritas Cambodia is not supporting any amount for Takeo Eye Hospital. Takeo Eye Hospital has to look for another supporting organization to cover the cost.

Takeo Eye Hospital initially make a loan to Daughters of Charity Cambodia to cover the cost since the beginning of the year 2008. The remaining loan is amounting to USD 17,697.00.

Lesson: This is the problem which was not resolved since the turn over of the Project to Caritas Cambodia. Caritas Cambodia promise to assist Takeo Eye Hospital to look for possible organization to pay back the loan and support the remaining budget for 2009.

2.3. Changes in the Project Plan

The Project Plan will include the Vision Center in Kirivong Referral Hospital. Takeo Eye Hospital in partnership with the Kirivong Referral Hospital will supervise the Vision Center. THE will train the nurses who will be responsible of the Vision Center. The activities of the Vision Center will include refraction, making of eye glasses and other primary eye care services.

The Proposal is still on the process prepared by CBM Australia.

2.4. Changes in Human Resources

Mr. Teak That, the nurses' trainor and responsible of the Community Ophthalmology resigns last 5 November. He is now working Fred Hollows Foundation in Phnom Penh.

Mr. Ken Ponlork who is the assistant nurse trainor was promoted to be the nurses' trainor. Mr. Ponlork was immediately given the chance to participate the teachers' training for trainors for two weeks conducted by the Ministry of Education coordinated by the Maryknoll lay missionary. This is a series of training available to school principals in the country.

The Community Ophthalmology Section that is directly responsible of the Outreach activity and the Corneal Ulcer Intervention Project is now coordinate by Mr. Vong Chrean, TEH head nurse.

With this staff adjustment, the decision was made to hire two new nurses to join the coming Diploma in Ophthalmic Nursing which is due to start in 20 January 2009 until January 2010.

3) Outlook to the Next Reporting Period

3.1. Target for the following reporting period, 6 months

1. Hospital activity:

Due to the construction and using limited facilities, we would like to reduce 10% of out patient our services from the 1st six months of 2009, so our target is:

Consultation	Surgery	Admission	Income
11,150	1,500	1,700	\$36,000.00

2. Out reach activity:

Consultation	Referral	Operation
2,000	350	(35%) 122

3.2. Activities to be implemented:

- Train 5 doctors who are at the Ophthalmology Residency Program
- Train 12 nurses, Diploma in Ophthalmic Nursing
- Corneal Ulcer Intervention Project
- Finish the Staff Houses and First Phase of the building
- Use the Phase One building and demolish the old building
- Start the construction of Phase Two
- Secure additional budget for construction of building
- Fund Raising and health promotion
- Acquire medical instruments, furniture and office equipments
- Prepare plans for the formal opening of the new Takeo Eye Hospital

4) Other important information

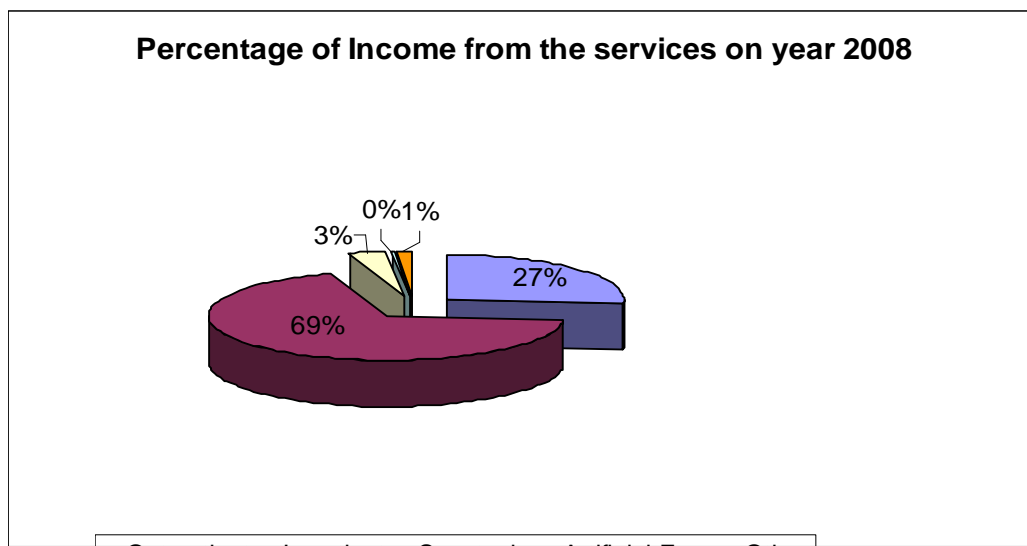
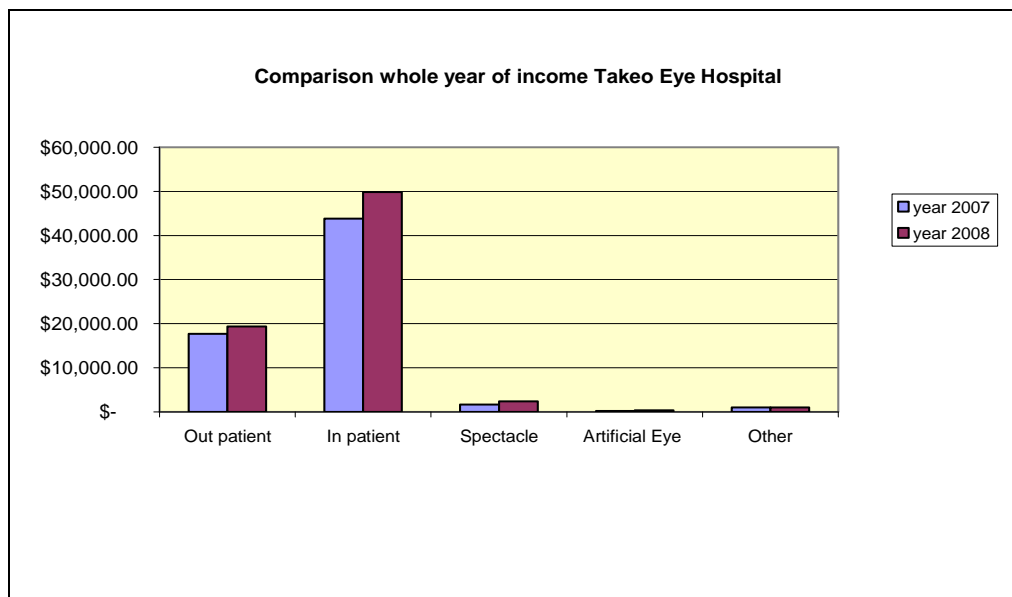
1. Sustainability

2008 Target: Hospital income of USD 65,000.00

2008 Actual: Hospital income of USD 72,862.24

Hospital income:

Month	Out-patient	In-patient	Spectacle	Artificial Eye	Other	Total
January	\$ 1,884.87	\$ 4,306.15	\$ 150.64	\$ 25.51	\$ 82.95	\$ 6,450.12
February	\$ 1,616.03	\$ 3,511.13	\$ 133.33	\$ 17.95	\$ 10.77	\$ 5,289.21
March	\$ 1,793.33	\$ 6,072.59	\$ 189.74	\$ 25.64	\$ 83.59	\$ 8,164.89
April	\$ 1,577.90	\$ 4,094.67	\$ 160.26	\$ 30.51	\$ 53.33	\$ 5,916.67
May	\$ 1,547.03	\$ 5,111.10	\$ 187.95	\$ 25.64	\$ 31.28	\$ 6,903.00
June	\$ 1,674.54	\$ 5,183.08	\$ 172.05	\$ 51.28	\$ 180.90	\$ 7,261.85
July	\$ 1,683.50	\$ 4,124.50	\$ 280.75	\$ 30.00	\$ 29.00	\$ 6,147.75
August	\$ 1,424.50	\$ 5,057.00	\$ 191.00	\$ 50.00	\$ 148.00	\$ 6,870.50
September	\$ 1,461.50	\$ 3,188.00	\$ 130.75	\$ 25.00	\$ 33.50	\$ 4,838.75
October	\$ 1,817.50	\$ 3,826.00	\$ 350.25	\$ 25.00	\$ 79.50	\$ 6,098.25
November	\$ 1,267.50	\$ 2,882.50	\$ 172.00	\$ 20.00	\$ 31.00	\$ 4,373.00
December	\$ 1,606.00	\$ 2,465.00	\$ 273.25	\$ 5.00	\$ 199.00	\$ 4,548.25
Total	\$ 19,354.20	\$ 49,821.72	\$ 2,391.97	\$ 331.53	\$ 962.82	\$ 72,862.24



2. Participated the INGO Forum in Phnom Penh on 3 – 6 June 2008 with Dr. Mörchen, Dr. Sarin, Mr. Bonn, Mr. Tath, Sr. Evangeline, Sr. Myrna
3. Dr. Mörchen attended the IAPB (International Agency for the Prevention of Blindness) meeting in Buenos Aires, Argentina on 25 - 28 August 2008.
- 3 Sr. Myrna was invited to attend the Forum on CBM’s challenges for 21st century in the occasion of CBM 100 years anniversary celebration, in Berlin. Her paper was on: Christianity in Development - Respect for Other Faiths.

Guests

- Dr. David Barr, Seattle/USA, visited TEH from 28.01.-15.02.2008 and gave lectures on neuro-ophthalmology and strabism
- Dr. Istvan Patkai, CBM advisor mental health, visited TEH on 15.02.2008 and gave a lecture on community mental health
- Visit of Mr. Matthias Spaeth, Mr. Rolf Mueggenburg, Mr. Rainer Guetler, 29 May – 2 June 2008.
- Mrs. Karin van Dijk, CBM advisor low vision, visited TEH from 17.-21.11.2008 and assessed the possibility of low vision services at TEH
- Prof. Madan, CBM medical advisor, visited TEH from 20.-24.10.2008 and was involved into the training of the volunteer village health workers and inauguration of the intervention project for the prevention of corneal ulcer at Takeo province.
- Dr. Margreet Hogeweeg, CBM medical advisor, visited TEH on 05.06.2008 during the INGO-workshop, Phnom Penh

Our gratitude to CBM, Caritas Cambodia, Porticus Stichting, Maryknoll, Bishops' Conference of Italy, other donors, government organizations and non government

organizations who patiently walked with us to develop and sustain the commitment and services that is available at Takeo Eye Hospital. You help us make a big difference in the life of the patients who visited and received treatment at Takeo Eye Hospital.