



The Bokeo Medical Mission in Laos

February 2010

A non-profit, nonpolitical and nonreligious organization, the Lao Rehabilitation Foundation's primary purpose is to provide medical services to Laotian citizens, with a greater focus on children. The Foundation recognizes that the best guarantee for sound health is adequate nutrition, basic hygiene, decent shelter, education and reasonable access to medical facilities.



With the help of volunteer medical experts, the Foundation is particularly dedicated to providing life changing plastic surgery for children, correcting birth defects, congenital malformations and traumatic disfigurements.

The primary focus of this mission was not just to treat patients with deformities but also to teach our host physicians how to perform these operations so that they can continue the work after the team has gone.

Over seven days we operated on 35 patients, performing 39 surgical procedures. We provided valuable experience to one general surgeon, one anesthesiologist and six operating room nurses. All operations were successful and there were no complications.

THE TEAM

US Team:

Luc Janssens, PhD – LRF Coordinator

William McClure, MD – Plastic Surgeon

Anne Thomas, MD – Anesthesiologist

Martha Murphy, RN – Recovery Nurse

Ronda Carlson – Surgeon Assistant

Georges Janssens – OR Assistant

Anja Cheriakova – OR Assistant

Lao Team:

Kampagnia, MD – Director Bokeo Hospital

Anousith Silisack, MD – General Surgeon

Githtisack Savathphai, MD – Anesthesiologist

Somchit Phoutthavong – Anesthesiology Assistant

Lyfuxiu, Lynhiavu, MD – Hmong / Lao Translator

Lathdavon Puphanaphone, RN – OR Nurse

Chitpaga Bounmichaleane, RN – OR Nurse

Bounleuam Phengvongchanh, RN – OR Nurse

Sounita Sihanath, RN – OR Nurse

Boumpheth Oupaserth, RN – Duty Nurse

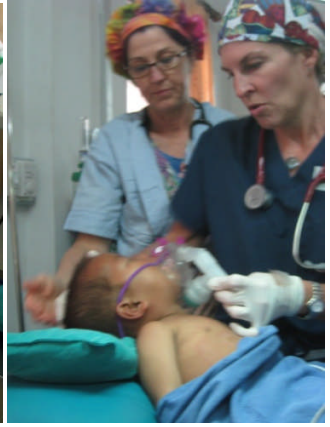
Onkeo Xayyachack, RN – Duty Nurse

Seng Sensacktana, RN – Duty Nurse

Khamping, RN – Duty Nurse

Sasithone Sengchanh – Lao Rehabilitation Foundation Staff





OUR PATIENTS

Pre and Post Surgery Photos

Over a two week period that included six full days of surgery, we operated on 35 patients, performing 39 surgical procedures. All operations were successful and there were no complications.

Registered patients:	41
Cancellations:	6
Treated patients:	35
Surgical procedures:	39
Cleft lip repairs:	16
Cleft palate repairs:	6
Cleft lip and palate repairs:	1
Burn scar contracture releases	
And others:	12





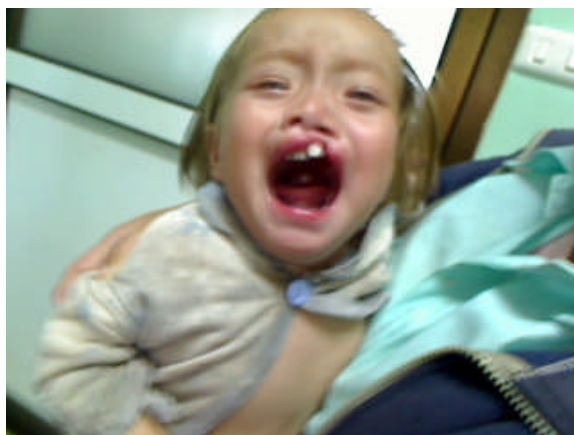
Hud - ຫັດ - Vieng Poukha Luang Namtha - ນໍ້າແພ - Bilateral Cleft Lip Repair and Palate repair



Phut - ພັດ - Bokeo - ສິດອນໄຊ - Burn scar contracture – Z Plasty



Pazea - ປາເຊຍ - Bokeo - ຫາດດອຍ - Burn scar release fingers X 3



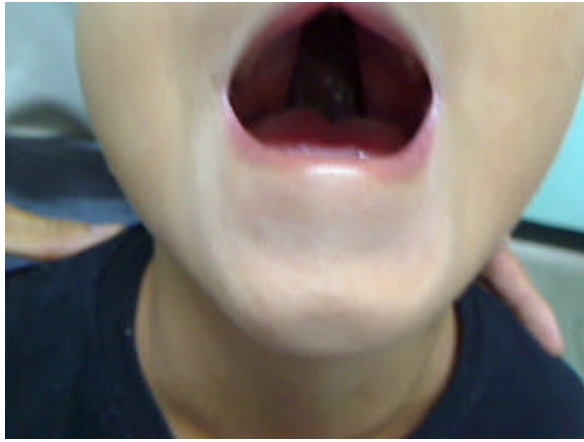
Choa - ືອ - Huaphan - ນໍ້າແປງ - Right cleft lip repair



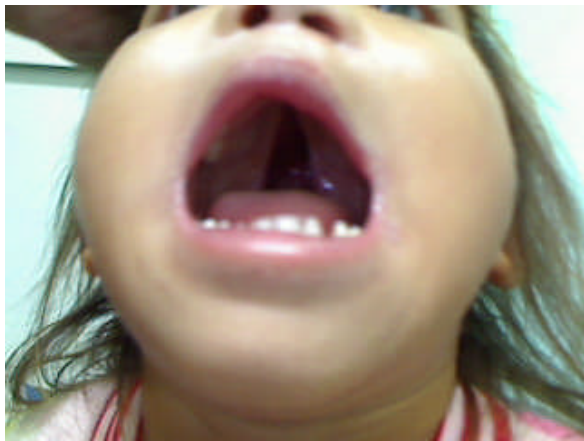
Li Yu - ສີຢູ່ - Huaphan Xam Nea - ຫ້ວຍເຮັຍ - Left cleft lip repair



Lueha - ສີຫາ - Luang Prabang - ນາເງິນ - Left cleft lip repair



Chufu Lee - ຈີ່ຟູລີ - Vientiane - ໜ້ອງໜ້າ - Palatoplasty



Pa Va - ປາວາ - Sai Yabulee - ນໍ້າເງິນ - Palatoplasty



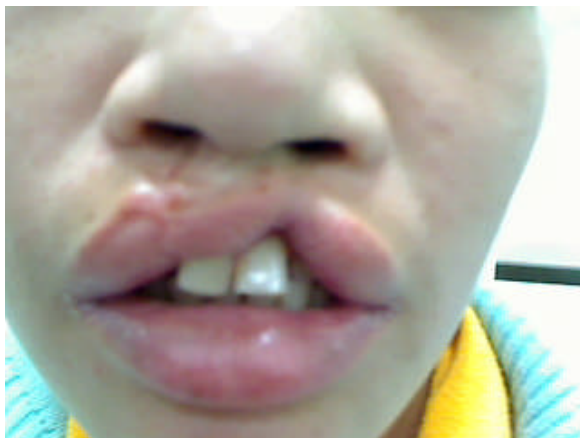
Tai Hur - ໄທເຮັ້ - Bokeo - ພະຄວຍ - Right cleft lip repair



Sia - ເຊຍ - Huaphan - ຈະຄູນ - Right cleft lip repair



Dau - ເດີ - Huaphan - ຈະຄູນ - Right cleft lip repair



Yang - ຍ້າງ - Luang Prabang - ຫ້ວຍຫຼົງ - Bilateral Cleft Lip Repair Revision



Shua - ຊົ່ວ - Oudomxay - ນາໝີ້ - Lower lip reconstruction



Shua Cha - ຊົ່ວ ຈາ - Xay Yabulee - ນໍ້າພອນ - Right cleft lip repair



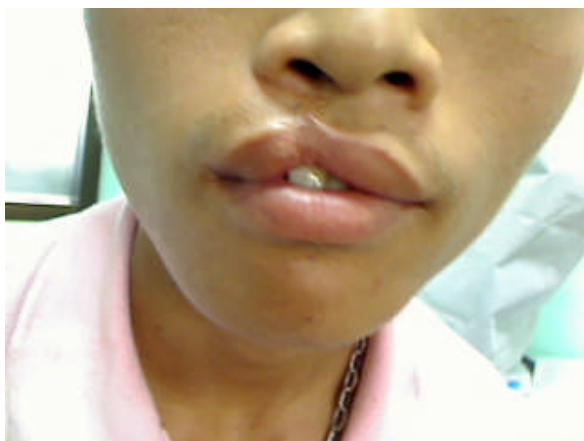
Sao - ໃສ - Xay Yabulee - ໂພນແກ້ວ - Right cleft lip repair



Kam Tan - ຄຳຕັນ - Bokeo - ນ*ພຸກ - Palatoplasty



Bun Nya Ve - ບຸນຍະເວດ - Bokeo - ທົ່ງແສງຈັນ - Burn scar release R elbow Z plasty



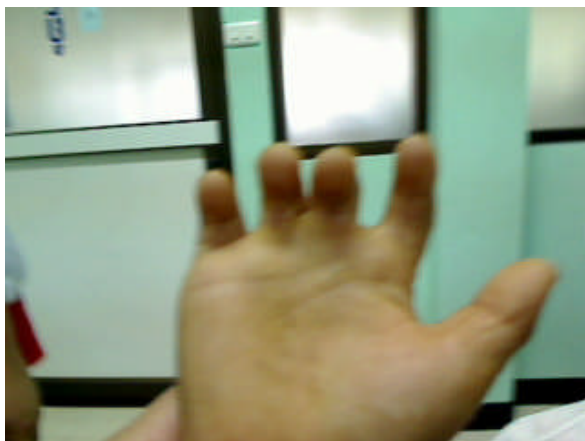
Boun Sak - ບຸນສັກ - Bokeo - ນົ້ງປຸກກາງ - Right cleft lip repair



Maisaosong - ໄມສາວຊຶ້ງ - Bolikham xay - Palatoplasty



Tong Sai - ທອງໄຊ - Oudomxay - ຫ້ວຍຮູມ - Traumatic scar revision lip nose and cheek



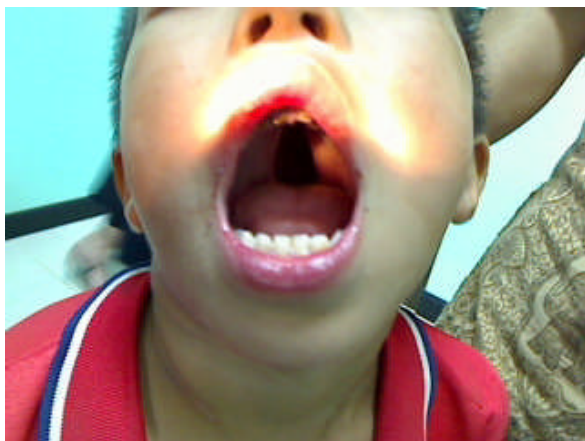
Jack - ເຈກ - Bokeo - ຂອນແກ້ວ - Burn scar contracture release digits x 4 Right Hand FTSG



Maisaosong - ໄມສາວຊຶ່ງ - Bolikham xay - Palatoplasty



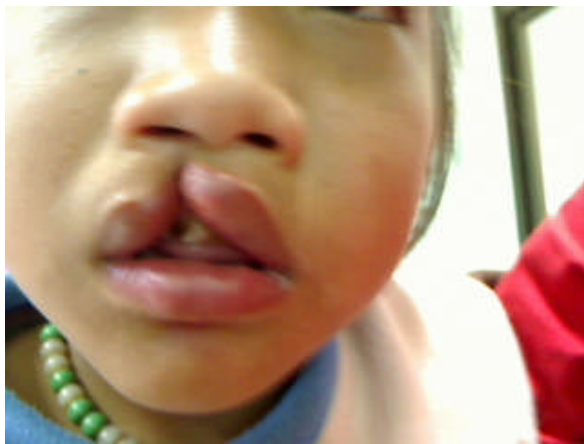
Chanty - ຈັນທິ - Bokeo - ທົ່ງແສງຈັນ - Wedge excision and closure



Phetsamone - ເພັດສະໝອນ - Bokeo - ຜາອຸດົມ - Palatoplasty



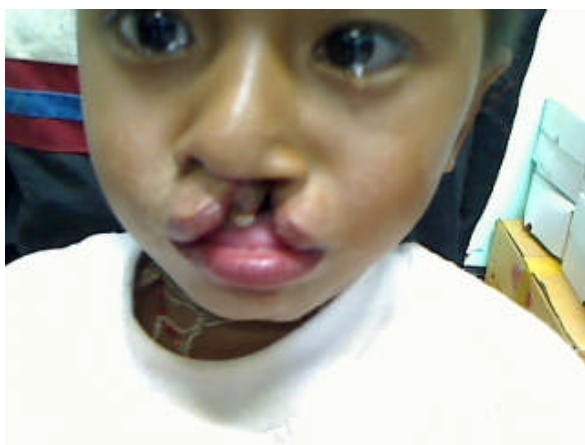
Julie - ຈີລີ - Bokeo - ນ້ຳແພ - Left cleft lip repair



Chantie - ຈັນທິ - Bokeo - ນຳທຸງ - Right cleft lip repair



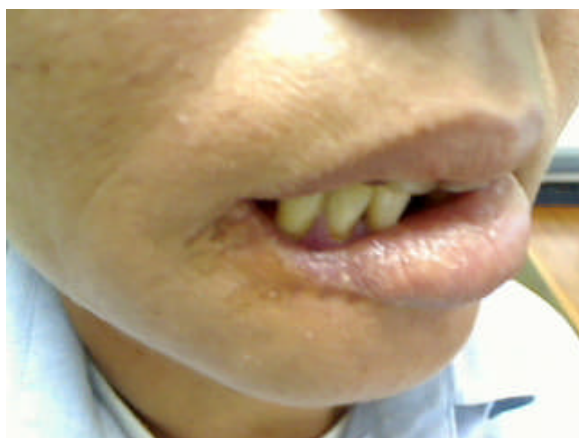
Somdee - ສົມດີ - Bokeo - ສຸກຈະເລີນ - Lip revision



Thuam - ຖ້ວມ - Bokeo - ຂອນສອດ - Left cleft lip repair



Buean - ເບື້ອນ - Bokeo - ສົມສະຫວ່າງ - Left cleft lip repair



Shiong Mi - ຊ້າງໝີ - Bokeo - ນ້ຳແລ - Lip reconstruction

APPENDIX

Vientiane Times Article

Before / After 3 Cases

Patient Data and Value of Service

Medical team delivers new sight, smiles

A medical team treated and performed surgery on hundreds of patients with sight problems, disfiguring injuries and facial defects during a two-week mission in Bokeo province last month.

Medical staff from Bokeo Provincial Hospital together with the ophthalmology team from Oudomxay province, the Lao Rehabilitation Foundation (LRF) and the Fred Hollows Foundation carried out cataract operations and plastic surgery to treat poor vision, cleft lip/cleft palate, and burn and traumatic scars, as well as treating minor eye problems. More than 1,500 residents of Tonpheung, Pha-oudom, Paktha, Huayxai and Meung districts were treated when the team visited these areas from February 1 to 14.

An ophthalmologist from Oudomxay province, Dr Phetsamone Indara, said the mission also aimed to broaden health service coverage for people in remote areas, ethnic groups and the urban poor. "Our specific targets are to improve the lives of patients by surgical repair of cleft lip/cleft palate, burn and traumatic scar reconstruction, and improving patients' vision with donated glasses and through cataract surgery with intra-ocular lenses," he said. At the end of the two-week project, the medical team considered all operations successful and said there were no complications.

"We hope this mission has reduced the number of cleft lip/cleft palate and cataract cases in Bokeo province and the Northern provinces as a whole," Dr Phetsamone said. "It will also improve patients' lives in the future, especially for the children and teenagers we have operated on." In addition, US plastic surgeons and anesthesiologists from LRF conducted training to improve the skills of their counterparts in Bokeo province.

Duties were divided between the three cooperating organizations to implement the project successfully. Bokeo Provincial Hospital was responsible for informing local people about the project and for patient registration. The LRF covered the cost of the medical team's transportation, surgery, hospitalization and transportation expenses for poor patients, and glasses and medical prescriptions. The Fred Hollows Foundation from Australia funded medicine for eye patients and the cost of cataract surgery.

Dr Phetsamone said there were some problems that would need to be solved for future projects, in particular the long delays in obtaining official documents from the Ministry of Health and Ministry of Foreign Affairs. Another setback was the difficulty in informing the public and locating the people who needed treatment. "The number of cleft lip/cleft palate cases in Bokeo province was not as high as expected, so we turned our attention to Huaphan, Xieng Khuang, Luang Prabang, Xayaboury and Luang Namtha provinces, which increased the original budget," Dr Phetsamone said. In addition, surgery was cancelled in some cases because of systemic diseases; the team could not wait for those patients to recover so they operated on other people instead.

By Xayxana Leukai
(Latest Update March 5, 2010)



Order	ID	Patient Name	Lao Name	Age	Sex	Village	Actual Procedure	VOS Surgery	VOS Anes	Ethnicity	Province
1	1	Hud	ຫັດ	11	M	ນ້ຳແພ	Bilateral Cleft Lip and Palate repair	\$3,605.00	\$715.00	Kamhou	Luang Namtha
2	7	Phut	ພັດ	55	F	ສີດອນໄຊ	Neck Z plasty	\$1,800.00		Lao Loum	Bokeo
3	9	Pazea	ປາເຊຍ	4	F	ຫາດດອຍ	Scar release fingers x 3	\$2,500.00	\$660.00	Hmong	Bokeo
4	10	Choa	ຮົ່ອ	1	F	ນ້ຳແປງ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Hmong	Huaphan
5	11	Li Yu	ລີຢູ	1	M	ຫ້ວຍເຮັຍ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Hmong	Huaphan
6	12	Lueha	ລືຫາ	1	M	ນາເງິນ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Hmong	Luang Prabang
7	13	Chufu Lee	ຮຸ່ຜີລີ	6	M	ຫ້ອງໜ້າ	Palatoplasty	\$3,605.00	\$710.00	Hmong	Vientiane
8	14	Pa Va	ປາວາ	3	F	ນ້ຳເງິນ	Palatoplasty	\$3,605.00	\$710.00	Hmong	Xay Yabulee
9	15	Tai Hur	ໄທເຮັ້	6	M	ພະຄວຍ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Hmong	Bokeo
10	17	Sia	ເຊຍ	1	F	ຈະຄຽນ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Hmong	Huaphan
11	18	Dau	ເດີ	1	F	ຈະຄຽນ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Hmong	Huaphan
12	19	Yang	ຢ້າງ	21	F	ຫ້ວຍຫຼົງ	Bilateral Cleft Lip Repair Revision	\$3,605.00	\$660.00	Hmong	Luang Prabang
13	20	Ya Mi	ຢາມີ	6	F	ທອງສີ	CANCELLED			Hmong	Luang Prabang
14	21	Shua	ຸຊົວ	0	F	ນາໝໍ	Lower lip reconstruction	\$1,300.00		Hmong	Oudomxay
15	22	Shua Cha	ຊົວ ຈາ	1	F	ນ້ຳພອນ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Hmong	Xay Yabulee
16	23	Sao	ໃສ	1	F	ໂພນແກ້ວ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Hmong	Xay Yabulee
17	24	Kam Tan	ຄຳຕັນ	5	M	ນ*ພຸກ	Palatoplasty	\$3,605.00	\$710.00	Lao Lum	Bokeo
18	25	Bun Nya Ve	ບຸນຍະເວດ	15	M	ທົ່ງແສງຈັນ	Scar release R elbow Z plasty	\$1,300.00	\$660.00	Kamoo	Bokeo
19	26	Boun Sak	ບຸນສັກ	23	M	ນ້ຳປຸກກາງ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Lao Loom	Bokeo
20	27	Phui	ຜຸຍ	45	F	ນ້ຳປຸກເໜືອ	tooth extraction	\$300.00	\$250.00	Lao Loum	Bokeo
21	28	Duang Chanh	ດວງຈັນ	9	F	ພອນສະຫວັນ	Z Plasty x 2	\$1,300.00	\$660.00	Kamoo	Bokeo
22	29	Ainoy	ແອນອ້ຍ	0	F	ມີໄຊສະຫວ່າງ	CANCELLED			Lao Loum	Bokeo
23	30	Bounsou	ບຸນສູ	11	M	ຟິມມິນສິນ	Palatoplasty	\$3,605.00	\$710.00	Lao Loum	Bokeo
24	31	Tong Sai	ທອງໄຊ	24	M	ຫ້ວຍຮູມ	Scar revision, lip, nose, cheek	\$1,800.00	\$250.00	Kamhou	Oudomxay
25	32	Mon	ມົນ	30	F	ປາກງາວ	CANCELLED			Lao Loum	Bokeo
26	33	Chan Ton	ຈັນທອນ	13	M	ປ່າອ້ອຍ	CANCELLED			Lao Loom	Bokeo
27	35	Jack	ເຈກ	6	M	ຂອນແກ້ວ	Release digits x 4 Right Dand FTSG	\$2,500.00	\$660.00	Lao Loom	Bokeo
28	36	Maisaosing	ໄມສາວຊົງ	7	M		Palatoplasty	\$3,605.00	\$710.00	Hmong	Bolikham Xay
29	37	Chanty	ຈັນທິ	13	F	ທົ່ງແສງຈັນ	excise	\$350.00		Kamhou	Bokeo
30	38	Shiong Mi	ຊົງຫີມີ	40	F	ນ້ຳແລ	Lip reconstruction	\$1,800.00		Hmong	Bokeo
31	39	Phetsamone	ເພັດສະໝອນ	7	M	ຜາຊຸດົມ	Palatoplasty	\$3,605.00	\$710.00	Kamhou	Bokeo
32	40	Sengdao	ແສງດາວ	20	F	ໂຄກຫລວງ	CANCELLED			Lao Loum	Bokeo

33	41	Julie	ຈິລີ	19	F	ນ້ຳແພ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Hmong	Bokeo
34	42	Chantie	ຈັນທິ	5	F	ນ້ຳທຸງ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Lamaek	Bokeo
35	43	Somdee	ສົມດີ	16	M	ສຸກຈະເລີນ	Lip revision	\$1,100.00	\$250.00	Lao Loum	Bokeo
36	44	Xay Fa	ສາຍຟ້າ	7	M	ທົ່ງກາງ	CANCELLED			Lao Loum	Bokeo
37	45	Lia	ເລຍ	16	F	ວຽງພັດທະນາ	excision	\$350.00		Hmong	Bokeo
38	46	Soulin	ສຸລິນ	14	M	ເກີນ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Lao Loum	Bokeo
39	47	Aon	ອອນ	45	M	ເກີນ	Unilateral Cleft Lip and Nose repair	\$2,852.50	\$660.00	Lao Teung	Bokeo
40	48	Thuam	ຖ້ວມ	3	F	ຂອນສອດ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Lao Theug	Bokeo
41	49	Buean	ເບື້ອນ	0		ສົມສະຫວ່າງ	Unilateral Cleft Lip Repair	\$2,852.50	\$660.00	Lao Theung	Bokeo
								\$88,027.50	\$18,925.00		