

REPORT OF

Cardiology Training for Doctors of Seven District Hospitals of Oudomxay Province

Provided by
Lao Rehabilitation Foundation (LRF) in cooperation
with DAK Foundation, PEMM Association and Santé
France-Laos, Association d'Entraide Médicale



October 3-7, 2016

Beginning in 2008, in cooperation with Oudomxay Hospital, the Lao Rehabilitation Foundation (LRF), funded several health care missions staffed by Lao medical teams assisted by foreign experts for ear, nose & throat (ENT), eye and dental care in the remote areas of four Northern provinces of Laos, including Phongsaly, Luang Namtha, Oudomxay, Bokeo and Xieng Kuang. The outcome of these missions has been highly successful, so far treating over 42,000 patients who otherwise could not have afforded healthcare in the remote areas of these provinces.

LRF has also improved sustainable health care in Laos by building two health care centers and a district hospital in Vientiane and by providing medical equipment and supplies to many health centers, district hospitals in Vientiane Capital, Vientiane province and the Northern provinces.

LRF, DAK Foundation and PEMM Association combined their resources to offer training to doctors from 7 districts hospital of Oudomxay province October 3rd through 7th, 2016. LRF in cooperation with DAK Foundation provided six electrocardiography machines to 6 district hospitals of Oudomxay province, Xay, Namor, La, Nga and Pakbeng districts, while Beng district recieved a similar machine earlier in March 2016. The donation was made in support of the cardiology training program organized by PEMM Association. The donation ceremony took place at Oudomxay provincial hospital with Dr. Phetsamone Indara donating the equipment on behalf of LRF and Dr. Souvanthong Seunvannakham, deputy director of Oudomxay provincial hospital receiving the equipment on behalf of the six districts hospitals. PEMM organized the meeting and provided financial support for the event while Santé France-Laos provided medical expertise.

PURPOSE:

- Advance health care development at district level
- Broaden the coverage of cardiology services for people in distant regions
- Decrease heart disease mortality rate at district level.

PARTICIPANTS:

- 1 teacher (trainer)
- 9 trainees (2 from Oudomxay hospital and 7 from 7 district hospitals)
- 1 observer

TRAINING:

- Set up and maintenance of electrocardiography equipment.
- Interpretation of electrocardiograms
- Understanding cardiac and vascular Doppler ultrasound.
- Awareness of cardiac emergencies:
 - Acute coronary syndrome. Infarction.
 - HTA
 - Heart failure
 - Stroke: ischemic and haemorrhagic
 - Severe arrhythmias.
 - Sudden Death (detection of individuals at risk in Laos)

- Infant heart defects
- Embryology
- Heart murmur in children
- The left-right shunts:
 - Atrial septal defect
 - ventricular septal
 - Persistent ductus arteriosus
- The right-left shunts Cyanogenic heart
- Clinical Case Studies

ACTIVITIES:

Professor Dr. Alphonse PLUQUAILEC (French Cardiologist and founder of Santé France-Laos) provided training as follows:

Day 1: Examination of 3 patients, a 5 year old child, a man aged 44 and a woman of 28 years of age under different conditions: CIV, heart disease and hypertension. Afternoon courses provided on coronary disease after a review of clinical cardiology and acute dyspnea. Teaching by video.

Day 2: Consultation started early with doctors all present, examined 3 patients: a 45 year old man suffering from mitral stenosis, a 2 year old child referred for shortness of breath by small CIV and a 42 year old woman for hypertension therapeutic noncompliance. After consultation, the interpretation of ECG on hypertension was addressed.

Day 3; 3 patients in consultation (28 year old male for WPW, 45 year old man with cardiomyopathy CMD and 2 year old child probably CIV). The courses were held in optimal conditions in the emergency room with direct projection on large TV screen. The bulk of the heart failure syndrome was discussed after a presentation on acute dyspnea.

Day 4: 5 patients in consultation (7 year old for RAS dyspnea, 14 year old boy for probably an aorto-pulmonary fistula, a man of 50 years for ischemic heart disease, a child of 14 years for a small VSD and a woman of 45 years carrying mitral valve prosthesis for easy control). Afternoon course on interpreting ECGs and stroke.

Day 5: no consultation, courses on rhythm disorders, presentation of certificates of participation and closing of the session.

RESULTS:

This week long training course, improved the knowledge and skills of provincial hospitals Lao doctors in regards to cardiology examination and therapy, especially about the use of electrocardiography in the diagnosis of heart diseases.

FUTURE PLANS:

PEMM Association will return to Oudomxay Hospital in 2017 to follow up with trainees and provide further educational courses in cardiology.

Director of ODX Hospital



ດຣ ສຸວັນທອງ ແສນວັນນະຄຳ
Dr. Souvanthong SENVANNAKHAM

Presenter



ດຣ. ເພັດສະໝອນ ອິນດາລາ
Phetsamone INDARA, MD.

ATTACHMENT DOCUMENTS

1. Photo of donated medical equipment (EKG)
2. List of donated EKG
3. Photo of training

ATTACHMENT 1: Photos of donated medical equipment (ECGs)



Dr Phetsamone Idara, LRF coordinator, donating medical equipment to 5 districts hospital on behalf of LRF and DAK Foundation
Received by Dr. Souvanthong, deputy director of Oudomxay provincial hospital



Received by Dr. Sommek Fu of Nga district



Received by Dr. Seurt of Pakbeng district



Received by Dr. Toui of Namor district



Received by Dr. Mainyphone of La district



Received by Dr. Vatthana of Xai district

ATTACHMENT 2: Official Receipt

ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ
ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນາຖາວອນ
ມູນນິທິຟື້ນຟູສຸຂະພາບລາວ
Lao Rehabilitation Foundation, Inc.

ອຸດົມໄຊ, ວັນທີ... **07 OCT 2016**

ໃບມອບ-ຮັບ ເຄື່ອງມືອຸປະກອນການແພດ

ທາງມູນນິທິຟື້ນຟູສຸຂະພາບລາວ (Lao Rehabilitation Foundation, Inc.) ໄດ້ມອບເຄື່ອງມືອຸປະກອນ
ກວດຄົ້ນກະແສໄຟຟ້າຫົວໃຈ (Electrocardiography) ໃຫ້ແກ່ 5 ໂຮງໝໍເມືອງ ຂອງແຂວງອຸດົມໄຊ (ເມືອງໄຊ,
ເມືອງນາໜີ້, ເມືອງຫຼາ, ເມືອງງາ ແລະ ເມືອງປາກແບງ) ເພື່ອນຳໃຊ້ເຂົ້າໃນການກວດ ແລະ ຍິງມະຕິພະຍາດໃນໂຮງໝໍ,
ລາຍລະອຽດລຸ່ມນີ້:

ລ/ດ	ເມືອງ	ເຄື່ອງທີ່ບໍລິຈາກໃຫ້	ຈຳນວນ
01	ເມືອງໄຊ	EKG	01 ຊຸດ
02	ເມືອງນາໜີ້	EKG	01 ຊຸດ
03	ເມືອງຫຼາ	EKG	01 ຊຸດ
04	ເມືອງງາ	EKG	01 ຊຸດ
05	ເມືອງປາກແບງ	EKG	01 ຊຸດ

ຜູ້ຕາງໜ້າຮັບເຄື່ອງ



ດຣ ສຸວັນທອງ ແສນວັນນະຄຳ
Dr. Souvanthong SENVANNAKHAM

ຜູ້ມອບເຄື່ອງ



ດຣ. ລຸກ ເຈນເຊັນ
Dr. Luc JANSSENS

ATTACHMENT 3: Photos Activities



Prof. Dr. Alphonse PLUQUAILEC is teaching Cardiology to Internal Doctors from Oudomxay provincial hospital and 7 districts hospital
at Oudomxay Provincial Hospital



Prof. Dr. Alphonse PLUQUAILEC is teaching and observing trainees how to set up and use ECG



Dr. Mainyphone (La district hospital) is practicing how to use EKG with patient





ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ

ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ

ແຂວງອຸດົມໄຊ

ພະແນກສາທາລະນະສຸກ

ໃບຍ້ອງຍໍ

ເລກທີ...147 - /ພສຂ

ພະແນກສາທາລະນະສຸກແຂວງ ຕົກລົງຍ້ອງຍໍໃຫ້ທ່ານ... ມູນນິທິພື້ນຟູສຸຂະພາບລາວ Lao Rehabilitation Foundation
ທີ່ໄດ້ໃຫ້ການຊ່ວຍເຫຼືອເຄື່ອງມືອຸປະກອນການແພດ EKG ໃຫ້ແກ່ 5 ໂຮງໝໍເມືອງ ແຂວງອຸດົມໄຊ

ດັ່ງນັ້ນ, ຈຶ່ງມອບໃບຍ້ອງຍໍນີ້ໃຫ້ ເພື່ອເປັນການຍ້ອງຍໍສັນລະເສີນ ແລະ ໄດ້ບັນທຶກໄວ້ໃນປຶ້ມຄຳປະຫວັດ
ສາດຂອງພະແນກສາທາລະນະສຸກ.

ວັນທີ...01...ເດືອນ...11...ປີ...2016...

5 ທົວທ່ານພະແນກສາທາລະນະສຸກແຂວງ

OUDOMXAY PROVINCIAL HOSPITAL



ດຣ. ສຸນທອນ ຫຼວງໄຊ

The Sannethone LOUANG

ມອບອຸປະກອນການແພດໃຫ້ໂຮງໝໍເມືອງ

● ມູນນິທິຟື້ນຟູສຸຂະພາບລາວ (Lao Rehabilitation Foundation, Inc) ໄດ້ນຳເອົາເຄື່ອງອຸປະກອນວັດແທກຄື້ນກະແສໄຟຟ້າຫົວໃຈ (Electrocardiography) ຈຳນວນ 5 ເຄື່ອງ ລວມມູນຄ່າ 6.000 ໂດລາສະຫະລັດ ຫຼື ປະມານ 48 ລ້ານກີບ ໃຫ້ແກ່ 5 ໂຮງ ໝໍເມືອງ (ເມືອງໄຊ ນາໜ້າ ຫຼາ ງາ ແລະ ເມືອງ ປາກແບງ) ແຂວງອຸດົມໄຊ ເພື່ອແນໃສ່ຊຸກຍູ້ ສິ່ງເສີມ ແລະ ຍົກລະດັບການບໍລິການກວດບົ່ງມະຕິພະຍາດຫົວໃຈ ຢູ່ຂັ້ນໂຮງໝໍເມືອງໃຫ້ດີຂຶ້ນ ແລະ ເພື່ອແນໃສ່ອຳນວຍຄວາມ ສະດວກໃນການນຳໃຊ້ໃຫ້ເກີດປະ

ໂຫຍດສູງສຸດ LRF ຍັງໄດ້ຈັດ ເຝຣົກອົບຮົມການນຳໃຊ້ເຄື່ອງດັ່ງກ່າວໃຫ້ແກ່ໂຮງໝໍແຂວງ ແລະ ພະນັກງານແພດຈາກ 7 ເມືອງ ຂອງແຂວງອຸດົມໄຊຕື່ມອີກ..

ພິທີມອບເຄື່ອງຊ່ວຍເຫຼືອດັ່ງກ່າວໄດ້ຈັດຂຶ້ນວັນທີ 7 ຕຸລາ 2016 ຢູ່ໂຮງໝໍແຂວງອຸດົມໄຊ ກ່າວມອບໂດຍທ່ານ ດຣ ເພັດສະໝອນ ອິນດາລາ ຜູ້ປະສານງານ LRF ແລະ ຮັບໂດຍທ່ານ ດຣ ສຸວັນທອງ ແສນວັນນະຄຳ ຄະນະອຳນວຍການໂຮງໝໍແຂວງອຸດົມໄຊ ໂດຍຊ່ອງໜ້າພະນັກງານກ່ຽວຂ້ອງທັງສອງຝ່າຍ.

