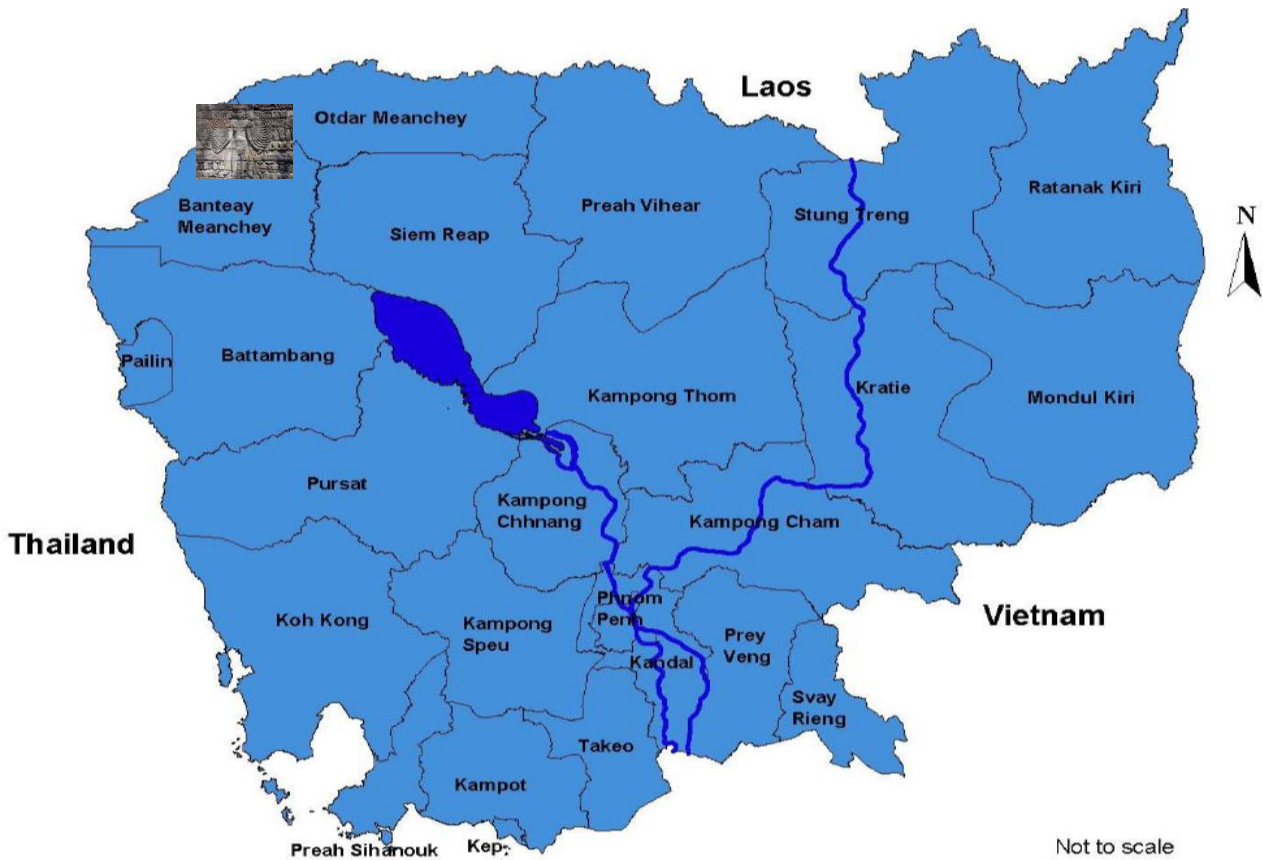




REPORT

Surgical Mission June 7-10, 2018 Mongkul Borey Cambodia-Japan Friendship Hospital, Banteay Meanchey Province, Cambodia



I- Background:

Banteay Meanchey (BMC) which translates to “Fortress of Victory” is a province of Cambodia located in the far northwest. It borders the provinces of Oddar Meanchey and Siem Reap to the east, Battambang to the south, and shares an international border with Thailand to the west. Its capital and largest city is Serei Saophoan. BMC is the 13th largest province in Cambodia. With a population of 678,033, it ranks as the tenth most populous in the nation. The town of Poipet in the western part of the province is an international border crossing into Thailand. It is one of the nine provinces that are part of the Tonle Sap Biosphere Reserve.

Banteay Meanchey is mostly covered by extensive lowlands, with a few uplands to the north and east. The main rivers are the Mongkol Borei and the Sisophon Rivers. The area was part of the extensive Khmer empire. Its most notable remains is the Banteay Chhmar temple in the north of the province, built in 12th century towards the 13th century. Other lesser known temples are the Banteay Neang and Banteay Torp temples.

In order to address this health issue, the Mongkultborey Cambodia-Japan Friendship Provincial Hospital (MCJFPH) has requested and facilitated **NextSteps organization** to conduct a surgical mission there to treat children who have suffered from various surgical issues.

From 8 to 11 June 2017, with collaboration from the National Pediatric Hospital Phnom Penh and supported by **GECKO, Kinderhilfe, Sudostasien e.V., Erfurt, Germany**, the **NextSteps Outreach Surgical Mission (NS-OSM)** was conducted at Mongkultborey Cambodia-Japan Friendship Provincial Hospital (MBCJFPH). The mission aimed to identify and provide a safely life changing surgery to children living with varieties of deformities ranging from physical congenital anomalies such as maxillo-facial anomaly (cleft lip-palate), tumors, and limb anomalies (clubfoot, syndactyly-polydactyly...), to acquired or post-traumatic limb deformities and burn contractures, and common general pediatric surgery such as inguinal hernia and anomaly of external genitalia organ.

II- Surgical Team / Man Powers:

A total of twenty eight surgical team members from the National Pediatric Hospital (NPH), other hospitals and international volunteers have involved in the mission. These included 6 surgeons, 2 anesthetist doctors, 7 anesthetist nurses, 3 scrub nurses, 1 ward nurse, 5 national and international volunteers and 4 surgical trainees joining our mission.

III- Team Members:

No	Name	Origin	Position	Partners
1	Mam Vithyarith	NPH	Pediatric Surgeon	NextSteps
2	CHHOEURN Vuthy	NPH	Chief of Mission Pediatric Orthopedic surgeon	NextSteps
3	Long Vanna	NPH	Mission administrator Plastic-Maxillofacial Surgeon	NextSteps
4	CHOEU Hor	NPH	Pediatric Surgeon	NextSteps
5	KEO Vanna	NPH	Pediatric ENT	NextSteps

6	KAO CHIN Phallin	NPH	<ul style="list-style-type: none"> - Speech pathologist - Cleft patient coordination - Administration assistant 	NextSteps
7	Dr. TEP Sokha	NPH	Anesthetist team leader	NextSteps
8	Ko Pengluot	NPH	Nurse Anesthetist	NextSteps
9	Mr. Uch Enpraseth	NPH	Nurse Anesthetist	NextSteps
10	Hun Kimnai	NPH	Nurse Anesthetist	NextSteps
11	SRENG Kim	NPH-	Scrub Nurse	NextSteps
12	Vang Vansy	NPH	Scrub Nurse	NextSteps
13	LO Borin	NPH	Scrub Nurse	NextSteps
14	MOK Sokroth	NPH	Scrub Nurse	NextSteps
15	CHEA KIM SOUR	NPH	Ward nurse	NextSteps
16	TOMOHIRI ISHII	Ped Surgeon	General Pediatric surgeon	Volunteer
17	RETH Chamnap	Gen Surgeon	Assistant Pediatric Surgical	Volunteer
18	CHHENG Phearun	AHC	Pediatric Surgeon Assistant	Volunteer
19	Kim Sopheatra	UHS	Surgeon Assistant	Volunteer
20	Hang Kim Seng	UHS	Surgeon Assistant	Volunteer
21	Mr. Ho Sophal	UHS	Anesthetist nurse	Volunteer
22	Mr. IM Peng An	UHS	Anesthetist nurse	Volunteer
23	Mr. Horn Peuso	UHS	Scrub nurse	Volunteer
24	Mr. Phlek Piseth	UHS	Anesthetist nurse	Volunteer
25	Nguon Pheakdey	AHC	Anesthetist	Volunteer
26	VUTHY Vong Udamvithiea			Volunteer
27	Kristof Cihar			Volunteer
28	Thong Dyna	Kratie	Surgeon	Volunteer

Total: 28 team members

IV- Schedules

Date	Timing	What	Where
June 7, 2018	05:00 (am)	Departure from Phnom Penh- NPH	NPH to MBCJFPH
June 7, 2018	12:30 (pm)	Arrival at BMC Province,	MBCJFPH – BMC
June 7, 2018	12:30 (pm)	Quick Lunch	Local restaurant
June 7, 2018	13:30 (pm)	<ol style="list-style-type: none"> 1. Patient consultation 2. Miscellaneous activities: <ul style="list-style-type: none"> - Patient hygiene education - Mosquito nets distribution 	MBCJFPH
June 7, 2018	20:00 pm	Dinner	Local Restaurant
June 8, 2018	06:30 am	Breakfast	Local Restaurant
June 8, 2018	7:00 - 7:30	1. Welcoming to the Surgical Team by Provincial Governor	MBCJFPH
June 8, 2018	7:30 - 17:30	<ol style="list-style-type: none"> 2. Patient consultation and Patient admission to be continued 3. Conducting Surgical operations 	MBCJFPH
June 9, 2018	06:30 am	1. Breakfast	Local Restaurant
	7:30 - 17:30	<ol style="list-style-type: none"> 4. Patient consultation and Patient admission to be continued 5. Conducting Surgical operations 	MBCJFPH
June 9, 2018	20:00 pm	Dinner	Local Restaurant
June 10, 2018	06:30 am	1. Breakfast	Local Restaurant
June 10, 2018	7:30- 17:30	<ol style="list-style-type: none"> 2. Ward Round 3. Cases hand-over to local surgical team 4. Group photo 5. Departing Back to PP 	MBCJFPH High Way number 5

V- Activities and achievement:

- 1- In the morning of June 8, 2017, we departed Phnom Penh and reached Mongkultborey Cambodia-Japan Friendship Provincial Hospital (MCJFPH) at 13:00 pm on the same day.
- 2- At 13:30 pm, we started working by dividing the team in groups:
 - a. One group (Anesthetists) took care of the preparation of the operating theatres, surgical wards, recovery room and post-operative sites.

- b. The other groups started to do patient triage, clinical consultation, screening patients for surgery for the 2 following days. At the end of the day (7 pm), we had a meeting to coordinate all detailed works to be done in the next following 2 days: **Who is doing What.**
- 3- Time table of the 2 working days was designed to start from 7:00am to 5 pm. However, we could finish all the surgical procedures on the first day at 8:30 pm.
 - 4- It is important to note that, we started the first day with a warm greeting and thanks to both patient-families and our surgical team from the vice governor of Banteay Mean Chey province.
During both working days, Surgical procedures were conducted in 2 operating theatres. Patient consultations were continued to be conducted in both 2 days.
 - 5- During the 2 working-mission day, we have seen 176 patients coming for consultations and seeking medical advices. Of these, 54 patients/cases underwent various surgical procedures. We have noted during our clinical consultation that there are many children living with impairment/disability mostly secondary to cerebral palsy, a condition that affected those children during difficult delivery, leading to brain damage due to lacking of oxygen. We have identified 4 severe cases who need extensive surgery, where we could not treat there due to lack of instrumentation and the heaviness of needed anesthesia. These cases have been transferred to NPH-Phnom Penh for optimal care.
 - 6- The fifty-four procedures we had conducted included 13 plastic-reconstructive surgeries (Cleft lip-palates, burn contractures, tumors), 11 orthopaedic surgeries, and 30 procedures of general pediatric surgery (Hernia, hydrocele, Cryptorchidism, Phimosis, neck median cysts...). These 54 procedures are all major surgery.

Activities			Total
Consultations		176 patients	176 patients
Surgical procedures	Plastic reconstructive	13	54 procedures
	Trauma-Orthopedic	11	
	General pediatric	30	

- 7- All surgical procedures were safe and smooth. Immediate post-operative conditions were found no complications.
- 8- On the fourth day prior to our departure back to Phnom Penh, an attentive ward round has been conducted involving by both parties, missionary surgeons and local surgeons, where all notes of procedures, post-operative wound care and follow-up tasks have been communicated and transferred. Cases who needs either to send to provincial physical rehabilitation for further care, sending to Phnom Penh, or coming back to MCJFPH for follow-up have been noted and insisted to both family and local surgical team. We found this is critical in terms of teaching, exchanging skills, and most importantly for the safety of our patients.
- 9- On June 11, 2017, our surgical team returned safely back to Phnom Penh.

VI- Collaborations:

We have had a great support from the provincial authority. This was witnessed by the greeting to our team on the second day by the Provincial Vice-Governor. Local surgical team, hospital direction, Director of Provincial Health Department and local youth group volunteers have been very helpful and facilitating for our mission. They helped us with collecting and registering patients prior to mission dates. They have also helped preparing mission site, both facility and manpower. They helped guiding patients and families toward needed services. We have exchanged technical experiences with them, and learned practical things that they have been using with their limited resources to cope with their struggle working condition. Local surgeons will continue taking care operated patients after the mission so that complete healing and follow-up would be achieved. We are grateful for such an invaluable collaboration which is critical to the success of our surgical mission.

VII- Conclusion:

Our life-changing surgical mission was considered very successful. Varieties of fifty-four surgical procedures were conducted safely with good results. All patients who underwent surgical procedures were satisfied with the results. They were smiling, hopeful, and much grateful to the surgical team. Patient families and local staff have asked if we could conduct such a surgical mission annually to their province. We thanked them for such a wonderful collaboration. Beneficiaries of such an outreach surgical mission are not only those who suffered from congenital and acquired anomalies, deformities, and general surgical sickness who otherwise could not afford or have no chance to receive surgery elsewhere for the whole life, but also to local surgical team in terms of continuous medical education.

VIII- Acknowledgement:

We would like to express our great thanks to all mission members, local and internationals volunteers, Mongkultborey Cambodia-Japan Friendship Provincial Hospital (MBCJFPH) surgical team, the National Pediatric Hospital Board of Directors, MBCJFPH Director and Provincial Health department for their direct and indirect contribution to this humanitarian surgical mission. We all are grateful to the Connecting with Cambodia project- NextSteps Organization, and particularly to GECKO, Kinderhilfe Südostasien e.V., Erfurt, Germany who kindly-fully-invaluably support this mission.

July 27, 2018

REPORTED By

Vuthy CHHOEURN

