

Final report for the Eagle Foundation – January 2017

Maternity equipment and training, Boribo Referral Hospital, Kampong Chhang Province, Cambodia
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With the Eagle Foundation's generous grant, IMPACT Cambodia has provided Boribo hospital with an oxygen concentrator machine; beds and delivery furniture; and maternity equipment and supplies to safeguard the lives of women and their babies during pregnancy, birth and the postnatal period. Thanks to you the hospital has made a much-needed upgrade, as it was previously woefully under-resourced.

The equipment was installed at the hospital on 22nd December 2016. This is slightly later than anticipated due to a two-month delay from the medical supplier. However, all the equipment is now all in-situ and being used. Furthermore all six midwives (of all grade levels) took part in refresher training to recognise early pregnancy complications, such as miscarriage; and how to care for premature babies.

As described in our proposal, the hospital serves a catchment of communities on the edge of the vast Tonle Sap Lake. During the rainy season when waters rise, many become floating villages. This presents significant challenges for people needing to access healthcare. Awareness work has been done locally to encourage women to book into the hospital in good time for their delivery, in order that any complications can be addressed in a timely manner.



Head midwife, Phin Channy, with some of the new equipment

IMPACT Cambodia's Programme Officer, Rasmi Sophoan, visited the hospital in early January to interview staff and patients:

Dr. Chhun Vutha : Head of Boribo Operational District (OD)

The head of Boribo Operational District was very thankful for the materials that IMPACT-Cambodia has donated to Boribo Hospital. These equipment has contributed in providing health care service for the women in this area more effectively and properly. He said that, 'I just went to check the equipment that IMPACT has donated. I have seen that those equipment are very helpful for providing health care service.' He hopes that IMPACT-Cambodia will continue to assist Boribo Operational District. Equipment and this and other health centres are so old now, and some health centres do not have enough equipment for providing health care service for the pregnant women who came to seek help.

Midwife, Phin Channy: Head of Maternity Service of Boribo District Referral Hospital

Phin Channy is the head midwife of maternity service in Boribo Hospital. She showed her impression on the equipment which were donated by IMPACT; 'I am very happy to have received these equipment because all the equipment in the maternity unit are old now. IMPACT-Cambodia has donated these equipment in the time that we are in need. Previously, we had only two delivery bed but one bed is very old. Now IMPACT-Cambodia donated us more delivery beds which are more professional than our beds. More than that, the oxygen concentrator will help us to save women easier. Before, we had to borrow it from the Out- Patient Department. We had to go to the capital city to fill in oxygen gas and come back. To sum up, all the equipment you have given us were all that we have needed.'

Midwife, Chaing Sopheab

Chaing Sopheab, midwife from Boribo Referral Hospital mentioned; 'First of all, this is such a relief. We have had only old delivery beds so far, and most of the time; one to two pregnant women will have to use patient bed in the post delivery room. The pregnant women so far said that the bed is very comfortable, they liked it a lot. Secondly, we are very happy to know that you provided us the delivery chair, it is very useful. We have always wanted to have one. In this referral hospital, we have never had the sugar test machine before, neither for pregnant women nor other patients. Thirdly, our stethoscope and manual blood measuring machine were very old. Since IMPACT has provided us the automatic blood measuring machine, our work becomes easier and more effectively. Moreover, the steriliser that we received is so much better than the one we already had.'



Midwife Chaing Sopheab conducting a glucose test



Delivery chair & bed

Oxygen concentrator machine

Steriliser

Case stories

Although the equipment has been in place for little under a month at time of reporting, a number of women have already benefitted. Rasmi took the following case stories during her one day visit in January:

Tang Sokchea (33) from Chnok Tru village. Chnok Tru village is known as one of the floating village in Kampong Chhnang Province. Everybody moves by boat to cross this village. Her husband got his left arm severely injured and was bleeding badly from trying to protect his wife during the long travelling on a bumpy road. It took about 45 minutes from the village to Referral Hospital. When she arrived, her husband rushed to take his wife to the maternity building and he, himself went to have his arm checked. Sokchea was asked to check her sugar pregnancy test which she said she has never experienced the test before, when she had her first child. 'I have never known anything about sugar test during pregnancy; this is very new to me. The bed, the chair, they are all look very comfortable and useful for me when the time comes' – said Sokchea.



Sokchea becoming familiar with the delivery equipment



Puth Theory is a young pregnant woman. She is 18 year old. She came to have delivery at Boribo hospital in January 5th, 2017. Theory said that 'I don't know anything about this hospital, my mother told me to have delivery in this hospital. When I entered the delivery room, I feel more comfortable and safe because I see there are many good maternity equipment.'



Midwife Chaing Sopheab using the new foetal Doppler machine to examine Theory



Chansart and her son had a comfortable delivery thanks to the new equipment

You Chansart is also one of the pregnant women who came to have delivery in Boribo Hospital. She is 33 years old and her house is just behind the hospital. This is her fourth son. She always came to have delivery in this hospital. Chansart said that "When I entered the delivery room, I was surprised that there is now so many better good equipment. I feel more comfortable to have delivery here. When I go back home I will tell the other pregnant women in village about this."

Thank you

We are delighted to report that this project has been completed smoothly and to budget. The delivery of the equipment was overseen by IMPACT Cambodia's Operating Director, Sok Sopeak, and is all in-situ benefiting the women who rely on the hospital for care during pregnancy, birth and beyond. Boribo is a busy hospital and we anticipate that over the next five years approximately 3,000 women will give birth here.

Expenditure statement

	Cost (£)	Expenditure (£)
Delivery room equipment		
Oxygen concentrator machine	1,377	1,377
Episiotomy scissors	11	11
Mayo dissecting scissors	11	11
Allis tissue forceps	9	9
Vaginal speculum	15	15
Hemostatic forceps	10	10
Long hemostatic forceps	9	9
Tissue forceps	10	10
Artery forceps	10	10
Dressing scissors	15	15
Dressing forceps	15	15
Scalpel handle	15	15
Kidney basin	9	9
Needle holder	7	7
Urinary catheters	6	6
Bowl, aprons, plastic sheeting & dressing	72	72
Portable aspirator	3	3
Tray instruments	10	10
Pressure steriliser	363	363
Delivery chair	132	132
Delivery bed x 2	580	580
Ante and post-natal monitoring		
Sphygmomanometer	22	22
Stethoscope	10	10
Fetal Stethoscope	15	15
Thermometer	4	4
Glucose blood tests	72	72
Fetal doppler	189	189
Infant scales	44	44
Measuring infant length	44	44
Training		
Training for six midwives	1,449	1,449
Sub-total	4,538	4,538
Monitoring and evaluation		
Project management (IMPACT Cambodia)	227	227
TOTAL	4,765	4,765

Exchange rate based on 1 GBP = 1.51769 USD (06.10.2015)